



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**11/Feb/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 11/Feb/2011 FRIDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 126.973        | 1376.442        | 1) Madhya Pradesh              | 49.383         | 509.403         |
| 2) Hydro                 | 22.522         | 301.762         | 2) Gujrat                      | 27.463         | 312.803         |
| 3) Gas                   | 10.510         | 141.270         | 3) Goa                         | -6.330         | -68.808         |
| <b>Total MSGENCO</b>     | <b>160.005</b> | <b>1819.474</b> | 4) TAPS 1&2 (Inj.)             | 7.872          | 84.856          |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.332         | -3.291          |
| 1) RGPPL Gas             | 30.740         | 320.835         | <b># Total Cent. Sector</b>    | <b>78.056</b>  | <b>834.963</b>  |
| 2) Wind Generation       | 2.475          | 26.399          | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                   | 25.483         | 280.417         | 1) With TPCL (Excess)          | -5.477         | -51.997         |
| 4) PENCH (MS)            | 0.332          | 3.291           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 16.002         | 192.260         |
| 1) TPCL Thermal          | 25.593         | 273.584         | Include PX                     | 0.000          | 0.000           |
| 2) TPCL Hydro            | 4.146          | 45.748          | 2) MUMBAI Bilateral            | 6.197          | 54.927          |
| <b>TOTAL TPCL</b>        | <b>29.739</b>  | <b>319.332</b>  | Include PX                     | -0.193         | -7.251          |
| 3) REL Thermal           | 12.676         | 139.561         | 3) MUMBAI Schedule             | 6.197          | 54.927          |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 165.242        | 1789.587        | 1) MSEDCL                      | 291.614        | 3233.382        |
| 2) Hydro (A2+B3+C2)      | 27.000         | 350.801         | 2) TPCL                        | 32.123         | 341.533         |
| 3) Gas (A3+B1)           | 41.250         | 462.105         | 3) REL                         | 15.767         | 169.388         |
| 4) Wind (B2)             | 2.475          | 26.399          | <b>TOTAL STATE</b>             | <b>339.504</b> | <b>3744.303</b> |
| 5) CPP (B3)              | 25.483         | 280.417         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>261.450</b> | <b>2909.309</b> |                                |                |                 |

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

| PARTICULARS                      | A. Morning Peak at 10 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 2 Hrs |
|----------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                  | 5383                      | 5292                      | 5097                      |
| MSGENCO Hydro                    | 1849                      | 954                       | 158                       |
| MSGENCO Gas                      | 431                       | 460                       | 491                       |
| <b>MSGENCO Total Generation</b>  | <b>7663</b>               | <b>6706</b>               | <b>5746</b>               |
| <b>Central Sector Receipt</b>    | <b>2980</b>               | <b>3740</b>               | <b>2944</b>               |
| <b>RGPPL</b>                     | <b>1289</b>               | <b>1281</b>               | <b>1296</b>               |
| <b>WIND</b>                      | <b>161</b>                | <b>88</b>                 | <b>69</b>                 |
| <b>CPP</b>                       | <b>1117</b>               | <b>1129</b>               | <b>987</b>                |
| <b>Exchange with Mumbai</b>      | <b>-288</b>               | <b>-472</b>               | <b>-75</b>                |
| <b>MSEDCL DEMAND MET</b>         | <b>12949</b>              | <b>12525</b>              | <b>10967</b>              |
| <b>Load Shedding (LS)</b>        | <b>418</b>                | <b>211</b>                | <b>0</b>                  |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>13367</b>              | <b>12736</b>              | <b>10967</b>              |
| <b>TPCL GENERATION</b>           | <b>1390</b>               | <b>1479</b>               | <b>774</b>                |
| <b>REL GENERATION</b>            | <b>528</b>                | <b>527</b>                | <b>528</b>                |
| <b>TPCL+REL DEMAND</b>           | <b>2206</b>               | <b>2478</b>               | <b>1377</b>               |
| <b>STATE DEMAND MET</b>          | <b>15155</b>              | <b>15003</b>              | <b>12344</b>              |
| <b>Load Management (LM)</b>      | <b>2372</b>               | <b>4044</b>               | <b>324</b>                |
| <b>Total Load Relief (LS+LM)</b> | <b>2790</b>               | <b>4255</b>               | <b>324</b>                |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>17945</b>              | <b>19258</b>              | <b>12668</b>              |
| <b>Frequency (Hz)</b>            | <b>49.72</b>              | <b>49.89</b>              | <b>49.88</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.                | MINIMUM FREQ.                | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz     |
|------------------------------|------------------------------|---------------|-------------------------|
| <b>50.37 Hz at 17:03 Hrs</b> | <b>49.27 Hz at 06:27 Hrs</b> | <b>49.79</b>  | <b>0 % of Time(min)</b> |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 11/Feb/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.87        | 42.65         | 174      | 150      | 160      |
| Unit 6           | 3.64        | 12.93         | 171      | 136      | 160      |
| Unit 7           | 3.65        | 46.69         | 195      | 0        | 170      |
|                  | 11.16       | 102.26        |          |          | 490      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.80        | 44.60         | 185      | 0        | 170      |
| Unit 3           | 0.00        | 42.05         | 0        | 0        | 0        |
| Unit 4           |             |               | 0        | 0        |          |
|                  | 3.80        | 86.65         |          |          | 170      |
| Parli            |             |               |          |          |          |
| Unit 3           | 4.10        | 44.99         | 189      | 149      | 175      |
| Unit 4           | 3.70        | 41.08         | 172      | 129      | 160      |
| Unit 5           | 4.44        | 32.08         | 198      | 172      | 175      |
| Unit 6           | 4.87        | 59.66         | 238      | 174      | 175      |
| Unit 7           | 4.96        | 58.00         | 250      | 164      | 190      |
|                  | 22.07       | 235.80        |          |          | 875      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.89        | 39.50         | 170      | 143      | 160      |
| Unit 2           | 4.07        | 40.77         | 176      | 157      | 160      |
| Unit 3           | 4.52        | 34.39         | 195      | 153      | 190      |
| Unit 4           | 4.16        | 45.31         | 185      | 158      | 180      |
| Unit 5           | 11.48       | 125.82        | 500      | 420      | 475      |
| Unit 6           | 11.10       | 115.48        | 475      | 445      | 475      |
| Unit 7           | 11.21       | 122.24        | 475      | 445      | 480      |
|                  | 50.43       | 523.52        |          |          | 2120     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.88        | 41.22         | 223      | 149      | 200      |
| Unit 4           | 4.86        | 49.91         | 229      | 151      | 220      |
|                  | 9.74        | 91.13         |          |          | 420      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 5.01        | 53.60         | 215      | 195      | 210      |
| Unit 2           | 2.44        | 49.11         | 209      | 0        | 210      |
| Unit 3           | 5.00        | 53.42         | 220      | 170      | 210      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           |             |               | 0        | 0        |          |
|                  | 12.45       | 156.13        |          |          | 630      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.01        | 21.85         | 88       | 82       | 76       |
| Unit 2           | 1.99        | 22.67         | 85       | 78       | 76       |
| Unit 3           | 4.44        | 46.94         | 200      | 165      | 172      |
| Unit 4           | 4.43        | 48.84         | 193      | 161      | 192      |
| Unit 5           | 4.46        | 40.66         | 190      | 177      | 182      |
|                  | 17.33       | 180.95        |          |          | 698      |
| Uran             |             |               |          |          |          |
| All Units        | 10.51       | 141.27        | 491      | 310      | 470      |
|                  | 10.51       | 141.27        |          |          | 470      |
| Dabhol           |             |               |          |          |          |
| RGPPL            | 30.74       | 320.84        | 1298     | 1222     | 1200     |
|                  | 30.74       | 320.84        |          |          | 1200     |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 4.60        | 62.16         | 455      | 40       | 600      |
| Stage 4          | 10.42       | 143.31        | 1093     | 0        | 250      |
| Stage 3          | 2.89        | 43.74         | 320      | 0        | 320      |
|                  | 17.91       | 249.20        |          |          | 1170     |
| Kovna 12&4 Total | 15.02       | 205.46        |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.46        | 4.87          | 20       | 19       | 20       |
| VTRNA           | 0.00        | 0.00          | 0        | 0        | 0        |
| TILLARI         | 0.46        | 5.13          | 60       | 0        | 60       |
| BHTGR/VEER      | 0.49        | 4.18          | 21       | 20       | 15       |
| BHIRA T.R.      | 0.21        | 2.83          | 86       | 0        | 80       |
| RNGR+BHTSA      | 0.33        | 3.94          | 15       | 13       | 16       |
| BHANDARDRA      | 0.00        | 0.00          | 0        | 0        | 0        |
| ELDARY          | 0.42        | 2.37          | 22       | 15       | 0        |
| SMLHY PTN       | 0.88        | 8.85          | 47       | 33       | 28       |
| GHATGHAR        | 1.36        | 20.40         | 185      | 0        | 0        |
|                 | 4.61        | 52.56         |          |          | 219      |
| PENCH (MS)      |             |               |          |          |          |
| Pench (MS)      | 0.33        | 3.29          | 53       | 0        |          |
|                 | 0.33        | 3.29          |          |          |          |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.05        | 1.18          |          |          |          |
| Vankuswadi      | 0.18        | 3.02          |          |          |          |
| ATIT            | 0.02        | 0.50          |          |          |          |
| Kale            | 0.05        | 1.09          |          |          |          |
| Satara          | 0.36        | 2.91          |          |          |          |
| Shirala         | 0.04        | 1.09          |          |          |          |
| K Mahankal      | 0.04        | 1.16          |          |          |          |
| Supa            | 0.06        | 0.68          |          |          |          |
| Vita            | 0.97        | 5.82          |          |          |          |
| Dondaicha       | 0.30        | 4.78          |          |          |          |
| Nandurbar       | 0.02        | 0.50          |          |          |          |
| Khandke         | 0.24        | 2.03          |          |          |          |
| Khaparale       | 0.07        | 0.78          |          |          |          |
|                 | 2.42        | 25.54         |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 12.54       | 12.54         | 562      | 459      | 275      |
| WARDHA          | 7.14        | 7.14          | 324      | 226      | 240      |
| Other CPPs      | 5.81        | 260.74        |          |          |          |
|                 | 25.48       | 280.42        |          |          | 515      |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 10.60       | 118.75        | 490      | 275      | 500      |
| Trombay 6       | 4.88        | 47.22         | 375      | 150      | 500      |
| Trombay 7A      | 2.97        | 31.67         | 127      | 120      | 120      |
| Trombay 7B      | 1.62        | 17.14         | 68       | 67       | 60       |
| Trombay 8       | 5.52        | 58.79         | 250      | 155      | 250      |
| TATA Hydro      | 4.15        | 45.75         | 434      | 0        | 419      |
|                 | 29.74       | 319.33        |          |          | 1849     |
| REL             |             |               |          |          |          |
| 1&2             | 12.68       | 139.56        | 529      | 527      | 500      |
|                 | 12.68       | 139.56        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 3591     |
|                 |             |               |          |          | 3591     |

|                |          |        |         |  |       |
|----------------|----------|--------|---------|--|-------|
| MS<br>PG<br>CL | Thermal  | 126.97 | 1376.44 |  | 5403  |
|                | Thml+Gas | 137.48 | 1517.71 |  | 5873  |
|                | Hydro    | 22.52  | 301.76  |  | 1389  |
|                | Total    | 160.00 | 1819.47 |  | 7262  |
| State Total    |          | 261.45 | 2909.31 |  | 14917 |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/Feb/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                  | 5116        | 158   | 486   | 5760   | 1292  | 64   | 993   | 2940        | 3054        | -98          | -157                 | 11006                   | 324                         | 11006                           | 1535                    | 12865                          | 49.76         |
| 2                  | 5097        | 158   | 491   | 5746   | 1296  | 69   | 987   | 2868        | 2944        | -98          | -75                  | 10967                   | 324                         | 10967                           | 1377                    | 12668                          | 49.88         |
| 3                  | 5192        | 143   | 490   | 5825   | 1297  | 65   | 1007  | 2820        | 3107        | -48          | -11                  | 11290                   | 218                         | 11290                           | 1314                    | 12822                          | 50.00         |
| 4                  | 5275        | 147   | 457   | 5879   | 1297  | 103  | 961   | 2820        | 3337        | -48          | 14                   | 11591                   | 206                         | 11591                           | 1290                    | 13087                          | 49.91         |
| 5                  | 5267        | 319   | 424   | 6010   | 1294  | 164  | 996   | 2820        | 3388        | -48          | 9                    | 11861                   | 1457                        | 11861                           | 1293                    | 14611                          | 49.80         |
| 6                  | 5291        | 872   | 448   | 6611   | 1296  | 209  | 1031  | 2569        | 3084        | -48          | 154                  | 12385                   | 1838                        | 12385                           | 1349                    | 15572                          | 49.72         |
| 7                  | 5323        | 1247  | 450   | 7020   | 1288  | 259  | 1087  | 2922        | 2783        | -148         | 27                   | 12476                   | 2585                        | 12685                           | 1577                    | 16638                          | 49.46         |
| 8                  | 5348        | 1433  | 451   | 7232   | 1296  | 235  | 1131  | 3048        | 3193        | -248         | -67                  | 13047                   | 2664                        | 13335                           | 1697                    | 17408                          | 49.67         |
| 9                  | 5401        | 1752  | 445   | 7598   | 1298  | 170  | 1126  | 3237        | 3298        | -298         | -245                 | 13272                   | 2711                        | 13607                           | 1924                    | 17907                          | 49.72         |
| 10                 | 5383        | 1849  | 431   | 7663   | 1289  | 161  | 1117  | 3410        | 2953        | -298         | -288                 | 12922                   | 2790                        | 13340                           | 2206                    | 17918                          | 49.72         |
| 11                 | 5494        | 1210  | 414   | 7118   | 1279  | 162  | 1090  | 3593        | 3385        | -357         | -356                 | 12678                   | 2839                        | 13110                           | 2389                    | 17906                          | 49.69         |
| 12                 | 5483        | 1107  | 390   | 6980   | 1265  | 144  | 1092  | 3593        | 3410        | -357         | -387                 | 12504                   | 2891                        | 12992                           | 2488                    | 17883                          | 49.62         |
| 13                 | 5353        | 1294  | 310   | 6957   | 1258  | 94   | 1119  | 3617        | 3578        | -381         | -380                 | 12634                   | 2901                        | 13132                           | 2462                    | 17997                          | 49.64         |
| 14                 | 5314        | 1324  | 326   | 6964   | 1268  | 59   | 1087  | 3572        | 3513        | -332         | -336                 | 12580                   | 2892                        | 13069                           | 2384                    | 17856                          | 49.82         |
| 15                 | 5248        | 1641  | 358   | 7247   | 1263  | 40   | 1112  | 3461        | 3122        | -332         | -353                 | 12456                   | 2777                        | 12810                           | 2406                    | 17639                          | 49.65         |
| 16                 | 5296        | 1694  | 405   | 7395   | 1268  | 38   | 1108  | 3358        | 3229        | -332         | -340                 | 12723                   | 2853                        | 13153                           | 2410                    | 17986                          | 49.70         |
| 17                 | 5342        | 1605  | 460   | 7407   | 1275  | 31   | 1117  | 3371        | 3390        | -332         | -339                 | 12907                   | 2967                        | 13469                           | 2398                    | 18272                          | 49.88         |
| 18                 | 5343        | 1479  | 462   | 7284   | 1277  | 30   | 1115  | 3372        | 3365        | -332         | -331                 | 12740                   | 2940                        | 13366                           | 2343                    | 18023                          | 49.95         |
| 19                 | 5225        | 1223  | 462   | 6910   | 1276  | 57   | 1113  | 3371        | 3213        | -412         | -402                 | 12167                   | 3863                        | 12645                           | 2403                    | 18433                          | 49.84         |
| 20                 | 5292        | 954   | 460   | 6706   | 1281  | 88   | 1129  | 3558        | 3687        | -484         | -472                 | 12472                   | 4255                        | 12683                           | 2478                    | 19205                          | 49.89         |
| 21                 | 5311        | 452   | 471   | 6234   | 1285  | 66   | 1092  | 3407        | 3410        | -324         | -331                 | 11807                   | 4044                        | 11807                           | 2321                    | 18172                          | 49.89         |
| 22                 | 5281        | 163   | 471   | 5915   | 1290  | 54   | 972   | 3397        | 3471        | -297         | -295                 | 11433                   | 4041                        | 11433                           | 2138                    | 17612                          | 49.94         |
| 23                 | 5180        | 154   | 472   | 5806   | 1290  | 59   | 986   | 3237        | 3284        | -273         | -270                 | 11155                   | 3512                        | 11155                           | 1892                    | 16559                          | 49.85         |
| 24                 | 5118        | 144   | 476   | 5738   | 1222  | 54   | 915   | 3116        | 2858        | -271         | -246                 | 10541                   | 3425                        | 10541                           | 1818                    | 15784                          | 49.96         |
| MUs                | 126.97      | 22.52 | 10.51 | 160.00 | 30.74 | 2.48 | 25.48 | 77.48       | 78.06       | -6.20        | -5.48                | 291.61                  | 61.32                       | 297.43                          | 47.89                   | 400.82                         | 49.79         |

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 11/Feb/2011**

Position as on 6.30 Hrs of 12/Feb/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage             | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                              |               |
| Dabhol 3B               | 230      | 04/01/2011   | 16:44        |            | Continued. | Rehabilitation work.         | 05/03/2011    |
| Dabhol 3A               | 230      | 29/01/2011   | 17.35        |            | Continued. | Heavy leakage in CW Duct     | 28/02/2011    |
| Dabhol 3X               | 290      | 29/01/2011   | 17.35        |            | Continued. | Hand Tripped                 | 28/02/2011    |
| Uran Unit 6             | 108      | 05/02/2011   | 11.28        |            | Continued. | Stator Earth Fault           | 02/03/2011    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                              |               |
| Uran Unit 2             | 60       | 04/10/2008   | 19.00        |            | Continued. | Gas Restriction              |               |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction              |               |
| Uran Unit 3             | 60       | 16/06/2010   | 19.52        |            | Continued. | R.M.Work.                    |               |
| Bhusawal Unit 3         | 210      | 10/02/2011   | 18.30        |            | Continued. | Feeder gear control problem. |               |
| Uran Unit 5             | 108      | 11/02/2011   | 03.45        | 11/02/2011 | 04.43      | Damper discrepancy.          |               |
| Uran Unit A0            | 120      | 11/02/2011   | 03.45        | 11/02/2011 | 16.10      | Condenser pump problem.      |               |
| Khaparkheda Unit 2      | 210      | 11/02/2011   | 12.11        | 12/02/2011 | 20:28      | BLR T/L.                     |               |
| Bhusawal Unit 2         | 210      | 11/02/2011   | 18.22        | 11/02/2011 | 20.04      | Low drum level.              |               |
| Koyna Unit 7            | 80       | 12/02/2011   | 00.20        | 12/02/2011 | 05:40      | Water Cooler Problem.        |               |
| Koyna UNIT 6            | 75       | 12/02/2011   | 10:40        | 12/02/2011 | 20:36      | Preventive maintenance work. |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 11/Feb/2011**

Position as on 6.30 Hrs of 12/Feb/2011

| Name of Line                            | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                                                         |
|-----------------------------------------|--------------|--------------|-----------------------------------|-------------------|----------------------------------------------------------------------------------------------------------|
| <b>InterState</b>                       |              |              |                                   |                   |                                                                                                          |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                          |
| Kanhan - Pench - I                      | 12/02/2011   | 11.40        | 12/02/2011                        | 16.54             | To attend Red Hot                                                                                        |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                                                          |
| Kolhapur - Mapusa - II                  | 10/02/2011   | 22.28        | 11/02/2011                        | 09.31             | Over Voltage.                                                                                            |
| Kolhapur - Mapusa - I                   | 11/02/2011   | 21.43        | 12/02/2011                        | 14.20             | Over Voltage.                                                                                            |
| Dhule-Sar'Sarovar - I                   | 12/02/2011   | 23.50        |                                   | Continued.        | Over Voltage                                                                                             |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                                                          |
| Dhule-S'Sarovar I                       | 06/02/2011   | 18.40        | 11/02/2011                        | 09.54             | Shunt Reactor pannel problem                                                                             |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                                                          |
| Wardha - Deoli (PGCIL)                  | 10/02/2011   | 15.18        |                                   | Continued.        | 220KV Wardha-Yavatmal line reoriented as 220KV Deoli-Yavatmal Ckt via 220KV Aux.Bus of 220KV Wardha S/S. |
| <b>IntraState</b>                       |              |              |                                   |                   |                                                                                                          |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                          |
| 400/220 KV 315 MVA ICT-II @ Kharghar    | 08/02/2011   | 07.57        | 11/02/2011                        | 08.23             | Oil Filtration & Maint.Work.(kept on humming since 20.56 Hrs on 10/02/11 HV Side)                        |
| 400/220KV 167MVA Spare ICT at Kalwa     | 10/02/2011   | 08.45        | 11/02/2011                        | 19.25             | Demo work.                                                                                               |
| Lonikand-Karad                          | 11/02/2011   | 09.02        | 12/02/2011                        | 06.34             | E/W stringing work.                                                                                      |
| Koradi - Bhusawal                       | 11/02/2011   | 09.15        | 11/02/2011                        | 12.22             | To attend Red Hot at IS Tube.                                                                            |
| 400/220KV 315 MVA ICT-I @ Padgha        | 11/02/2011   | 09.21        | 11/02/2011                        | 18.34             | Attending heavy oil leakage on top at R-Ph unit.                                                         |
| 400/220KV, 315MVA ICT-I @ New Koyna.    | 11/02/2011   | 09.51        | 11/02/2011                        | 19.41             | Tan delta measurement.                                                                                   |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                          |
| 220/100KV 125 MVA ICT-III @ Kalwa       | 14/12/2010   | 08.39        | 11/02/2011                        | 16.30             | For Augumentation from 125MVA to 200MVA (up to 10/2/11)                                                  |
| 220/100KV 125 MVA ICT-III @ Kalwa       | 14/12/2010   | 08.40        | 12/02/2011                        | 17.38             | Augmatation of ICT by 200 MVA ICT,charged from HV side at 16.00 Hrs on 11/02/2011.                       |
| Babaleshwar - Chalisgaon                | 15/12/2010   | 13.42        |                                   | Continued.        | Conversion of S/C to D/C(6 MonthOutage.)                                                                 |
| 220/100 KV125 MVA ICT-III @Trombay      | 06/01/2011   | 12.03        |                                   | Continued.        | Augmentation by New 200 MVA ICT up to 20.03.2011.                                                        |
| 220/132KV 50MVA ICT-I @Peth             | 04/02/2011   | 08.45        |                                   | Continued.        | Augmentation by 100MVA ICT(upto 14/02/2011).                                                             |
| Borivali-Mulund                         | 06/02/2011   | 22.17        |                                   | Continued.        | From Borivali end for strengthing Mumbai system up to 28.02.11                                           |
| Kalwa - Borivali                        | 06/02/2011   | 22.51        |                                   | Continued.        | From Kalwa end strengthing Mumbai system up to 28.02.11                                                  |
| Parly - New Parly TPS - II              | 07/02/2011   | 10.40        | 12/02/2011                        | 16.15             | Erection of Unavailable Isolators of Main Bus-I & Aux.Bus.                                               |
| 220/110 KV 100 MVA T/F - II @ Mudshingi | 07/02/2011   | 15.12        |                                   | Continued.        | Augmentation by 200 MVA.up to 15/03/11                                                                   |
| Dhule-Dondaicha-II                      | 08/02/2011   | 10.20        | 11/02/2011                        | 18.24             | Replacement of Line Isolater.                                                                            |
| 220/132KV 100 MVA ICT-I @ Khadka        | 10/02/2011   | 10.14        |                                   | Continued.        | Replacement of 100MVA by200 MVA ICT(upto 06.03.11)                                                       |
| 220/33 KV 25 MVA T/F I Hingoli          | 10/02/2011   | 18.40        |                                   | Continued.        | Kept on humming. at 19.24 Hrs.                                                                           |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 11/Feb/2011**

Position as on 6.30 Hrs of 12/Feb/2011

| Name of Line                                     | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                      |
|--------------------------------------------------|--------------|--------------|-----------------------------------|--------------------|-----------------------------------------------------------------------|
| 220/132KV 100MVA ICT I at Hingoli                | 10/02/2011   | 18.40        |                                   | Continued.         | Kept on humming,HV side at 19.24 Hrs.                                 |
| 220/132KV 100MVA ICT II at Hingoli               | 10/02/2011   | 18.40        |                                   | Continued.         | Kept on humming,HV side at 19.15 Hrs.                                 |
| 220/33KV 25 MVA T/F II at Hingoli                | 10/02/2011   | 18.40        |                                   | Continued.         | Kept on humming. at 19.28 Hrs.                                        |
| 220/100KV 50 MVA T/F-III @ Kandalgaon            | 11/02/2011   | 08.45        | 11/02/2011                        | 12.45              | Replacement of L.A.                                                   |
| Raymond-Washala                                  | 11/02/2011   | 09.04        | 11/02/2011                        | 14.48              | Damaged insulator replacement.                                        |
| 220/132KV,200MVA ICT-I at Malegaon               | 11/02/2011   | 09.10        | 11/02/2011                        | 14.40              | Q.M.Work                                                              |
| New Koyna - Pawas                                | 11/02/2011   | 09.13        | 12/02/2011                        | 18.11              | Insulator replacement cross arm bent.at Loc.no 25A.                   |
| Jambhual - Pal-I                                 | 11/02/2011   | 10.05        | 11/02/2011                        | 14.43              | Earth isolator blade replacement work.                                |
| Temghar - Padgha                                 | 11/02/2011   | 10.05        | 11/02/2011                        | 12.02              | Replacement of Y-Ph Bus jumper and Bay maintenance.                   |
| 220/132 KV 200 MVA ICT-II @ Boiser               | 11/02/2011   | 10.25        | 11/02/2011                        | 14.50              | Bus Isolator annual maintenance work.                                 |
| 220/132 KV 200 MVA T/F-I @ Boiser                | 11/02/2011   | 15.04        | 11/02/2011                        | 19.18              | B Bus Isolator maintenance work.                                      |
| Kalwa-Mahape                                     | 11/02/2011   | 15.48        | 12/02/2011                        | 06.42              | Mumbai system strengthening work.                                     |
| Inter Connector Tie Bkr at 220KV Kalwa           | 11/02/2011   | 16.49        | 11/02/2011                        | 17.06              | To remove Kite thread.                                                |
| Uran-Kharghar-I                                  | 12/02/2011   | 08.27        | 12/02/2011                        | 19.10              | R.M.work                                                              |
| Babaleshwar - Nagar - I                          | 12/02/2011   | 10.35        | 12/02/2011                        | 15.19              | Relay testing work                                                    |
| 220/132 KV 150 MVA T/F @ Boiser                  | 12/02/2011   | 10.45        | 12/02/2011                        | 12.55              | B Bus Isolator annual maint.                                          |
| New Koyna-Pophali                                | 12/02/2011   | 15.09        | 12/02/2011                        | 18.41              | B phase CT Oil Leakage                                                |
| Babaleshwar - Nagar - II                         | 12/02/2011   | 15.30        | 12/02/2011                        | 17.48              | Relay Testing work                                                    |
| <b>Voltage Level : 132KV</b>                     |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                       |
| 132 KV Main BUs I at Boiser                      | 11/02/2011   | 08.55        | 11/02/2011                        | 09.55              | Bus isolator annual maint.work.                                       |
| <b>Voltage Level : 400KV</b>                     |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                                       |
| 400/220 KV 315 MVA ICT-I @ Parly.                | 11/02/2011   | 22.43        |                                   | Continued.         | PDR problem (ICT LV side is on TBC)                                   |
| <b>Voltage Level : 220KV</b>                     |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                                       |
| Girawli - New Parly TPS                          | 11/02/2011   | 10.30        | 11/02/2011                        | 11.22              | To attend oil leakage of CT.                                          |
| 220/132 KV 200 MVA ICT @ Ambazari                | 11/02/2011   | 11.07        | 11/02/2011                        | 16.20              | To attend oil leakage.                                                |
| <b>Voltage Level : 132KV</b>                     |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                                       |
| Pardi- Besa                                      | 11/02/2011   | 15.44        | 11/02/2011                        | 16.53              | To attend oil leakage of B-Ph CT.                                     |
| <b>Voltage Level : 400KV</b>                     |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                       |
| 400/11.5KV 90 MVA STN T/F- V @ 400 KV Chandrapur | 12/12/2010   | 08.00        | 12/02/2011                        | 23.54              | To Attend Oil Leakage,charged from HV side on 09/02/2011 at 16.40Hrs. |
| Bhusawal- Aurangabad                             | 11/02/2011   | 23.26        | 12/02/2011                        | 05.20              | Over Voltage.                                                         |
| Karad - Kolhapur - II                            | 12/02/2011   | 13.56        | 12/02/2011                        | 14.11              | Heavy Sparking                                                        |
| <b>Voltage Level : 220KV</b>                     |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                       |
| Babaleshwar - Bhenda                             | 10/01/2011   | 09.30        |                                   | Continued.         | To Control Babaleshwar ICT Load.                                      |
| Dhule-Chalisingaon                               | 18/01/2011   | 15.53        |                                   | Continued.         | To control O/L Dhule ICT's.                                           |
| Chandrapur-Warora - I                            | 01/02/2011   | 00.39        |                                   | Continued.         | To Control Line Loading of 220KV                                      |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 11/Feb/2011**

Position as on 6.30 Hrs of 12/Feb/2011

| Name of Line                         | Tripped Date | Tripped Time | Synchronised Date               | Synchronised Time | Reason of Outage                                                                                         |
|--------------------------------------|--------------|--------------|---------------------------------|-------------------|----------------------------------------------------------------------------------------------------------|
|                                      |              |              |                                 |                   | Warora-Hinganghat.                                                                                       |
| BBLSR-Waluj                          | 06/02/2011   | 09.28        | 12/02/2011                      | 10.32             | To control BBLSR ICT Loading                                                                             |
| 220/100KV, 200MVA T/F-IV at Kalwa    | 06/02/2011   | 20.32        |                                 | Continued.        | For Thermovision inspection                                                                              |
| Bale-Osmanbad                        | 11/02/2011   | 10.40        | 11/02/2011                      | 23.04             | To control Parli ICT loading.                                                                            |
| Bale-Murud                           | 11/02/2011   | 13.40        | 11/02/2011                      | 23.03             | To control Parli ICT loading.                                                                            |
| Kalwa - Tifil                        | 12/02/2011   | 07.33        | 12/02/2011                      | 15.43             | Sparking at Location No.33                                                                               |
| <b>Voltage Level : 100KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b> |                   |                                                                                                          |
| Kalwa - Salsette - II                | 04/02/2011   | 17.14        |                                 | Continued.        | H/T From Kalwa end.                                                                                      |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                                                                          |
| 400/220 KV 315 MVA ICT-I @ Parly.    | 11/02/2011   | 10.55        | 11/02/2011                      | 22.46             | HV side Y-Ph CT Flashovered & replaced.(Taken on TBC)                                                    |
| 400/220 KV 315 MVA ICT-II @ Kharghar | 11/02/2011   | 12.20        | 11/02/2011                      | 14.34             | OLTC Buchloz.                                                                                            |
| Karad - Kolhapur - II                | 12/02/2011   | 18.04        | 12/02/2011                      | 18.28             | Over Voltage                                                                                             |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                                                                          |
| Wardha - Yawatmal                    | 10/02/2011   | 15.18        |                                 | Continued.        | 220KV Wardha-Yawatmal line reoriented as 220KV Deoli-Yawatmal Ckt via 220KV Aux.Bus of 220KV Wardha S/S. |
| Nasik-Raymond                        | 11/02/2011   | 12.23        | 11/02/2011                      | 16.59             | Distance Protection.                                                                                     |
| Talandge - Sawantwadi                | 11/02/2011   | 13.32        | 11/02/2011                      | 13.45             | O/C,B-Ph.                                                                                                |
| Main Bus - II @ Ghodbundar           | 11/02/2011   | 16.23        | 11/02/2011                      | 17.06             | T/F-No.4, LBB operated.                                                                                  |
| Ghodbandar-Varsowa                   | 11/02/2011   | 16.23        | 11/02/2011                      | 17.04             | T/F-No.4, LBB operated.                                                                                  |
| Dahanu-Ghodbandar-II                 | 11/02/2011   | 16.23        | 11/02/2011                      | 17.11             | T/F-No.4, LBB operated.                                                                                  |
| 220/33KV 125 MVA T/F 4 at Ghodbandar | 11/02/2011   | 16.23        | 11/02/2011                      | 22.11             | Suspected PRV.                                                                                           |
| 220/33 KV 100MVA T/F 2 at Ghodbandar | 11/02/2011   | 16.23        | 11/02/2011                      | 17.09             | T/F-No.4, LBB operated.                                                                                  |
| Dhule - Malegaon                     | 12/02/2011   | 11.58        | 12/02/2011                      | 12.05             | Over Current                                                                                             |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                                                                          |
| Bhusawal - Jalgaon - I               | 11/02/2011   | 18.22        | 11/02/2011                      | 18.33             | Load trimming operated due to tripping of BSL U-2.                                                       |
| Bhusawal - Nimbhora                  | 11/02/2011   | 18.22        | 11/02/2011                      | 18.35             | Load trimming operated due to tripping of BSL U-2.                                                       |
| Bhusawal - Jalgaon - II              | 11/02/2011   | 18.22        | 11/02/2011                      | 18.35             | Load trimming operated due to tripping of BSL U-2.                                                       |
| Bhusawal -Yawal                      | 11/02/2011   | 18.22        | 11/02/2011                      | 18.38             | Load trimming operated due to tripping of BSL U-2.                                                       |
| Kalmeshwar - Katol                   | 12/02/2011   | 02.05        | 12/02/2011                      | 02.24             | Due to bursting B-Ph CT 132/33 KV T/F 1 at Katol.                                                        |
| Kalmeshwar-Katol                     | 12/02/2011   | 02.05        | 12/02/2011                      | 02.24             | Due to Bursting of 33KV B-PH CT                                                                          |
| <b>Voltage Level : 110KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                                                                          |
| Sangli-Ashte                         | 11/02/2011   | 12.45        | 11/02/2011                      | 12.55             | Distance Protection.                                                                                     |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 12/Feb/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 149         |
| Unit 6             | 210                   | 156         |
| Unit 7             | 210                   | 0           |
|                    | <b>620</b>            | <b>305</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 500                   |             |
|                    | <b>920</b>            | <b>180</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 160         |
| Unit 5             | 210                   | 210         |
| Unit 6             | 250                   | 200         |
| Unit 7             | 250                   | 220         |
|                    | <b>1130</b>           | <b>970</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 500                   | 475         |
| Unit 6             | 500                   | 475         |
| Unit 7             | 500                   | 480         |
|                    | <b>2340</b>           | <b>2120</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 200         |
| Unit 4             | 250                   | 190         |
|                    | <b>500</b>            | <b>390</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 210         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 185         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   |             |
|                    | <b>1340</b>           | <b>395</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 85          |
| Unit 2             | 120                   | 85          |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 210                   | 200         |
|                    | <b>870</b>            | <b>770</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 475         |
|                    | <b>852</b>            | <b>475</b>  |
| <b>Dabhol</b>      |                       |             |
| RGPP               | 960                   | 1250        |
|                    | <b>960</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                    | 19          |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 21          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 15          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 11          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>206</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                     |             |
| Nandurbar         | 0                     |             |
| Khandke           | 0                     |             |
| Khaparale         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>CPP</b>        |                       |             |
| JSW JAIGAD        | 300                   | 275         |
| WARDHA            | 135                   | 316         |
| Other CPPs        | 0                     |             |
|                   | <b>435</b>            | <b>591</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             | 3143                  | 3441        |
|                   | <b>3143</b>           | <b>3441</b> |