



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**05/Jan/2012**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 05/Jan/2012 THURSDAY**

| <b>I GENERATION (MUs)</b> |                |                 | <b>II EXCHANGES (MUs)</b>      |                |                 |
|---------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| <b>A) MSGENCO</b>         | <b>Daily</b>   | <b>Monthly</b>  | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>  |
| 1) Thermal                | 102.436        | 519.235         | 1) Gujrat                      | 5.449          | 22.109          |
| 2) Hydro                  | 9.182          | 51.827          | 2) Madhya Pradesh              | 22.504         | 113.138         |
| 3) Gas                    | 15.235         | 75.163          | 3) Chattisgarh                 | 12.660         | 63.220          |
| <b>Total MSGENCO</b>      | <b>126.853</b> | <b>646.225</b>  | 4) Maharashtra                 | 51.227         | 252.918         |
| <b>B) OTHERS</b>          |                |                 | 5) Goa                         | -6.001         | -29.731         |
| 1) JSW JAIGAD             | 23.496         | 117.199         | 6) TAPS 1&2 Injection          | 7.824          | 39.058          |
| 2) WPCL                   | 7.972          | 37.001          | 7) RGPPL Injection             | 25.909         | 128.092         |
| 3) Other CPP / IPP        | 6.679          | 31.393          | 8) Pench (Excess)              | -0.569         | -1.371          |
| 4) Wind Generation        | 1.645          | 10.905          | <b># Total Cent. Sector</b>    | <b>119.003</b> | <b>587.433</b>  |
| 5) PENCH (MS)             | 0.569          | 1.776           | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -3.316         | -11.822         |
| 1) TPCL Thermal           | 27.520         | 130.287         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 2.495          | 14.516          | 1) MSEDCL Bilateral            | 40.223         | 210.697         |
| <b>TOTAL TPCL</b>         | <b>30.015</b>  | <b>144.803</b>  | Include PX                     | 3.574          | 19.268          |
| 3) REL Thermal            | 12.658         | 62.383          | 2) MUMBAI Bilateral            | 6.751          | 32.086          |
| <b>D) STATE</b>           |                |                 | Include PX                     | -4.139         | -21.259         |
| 1) Thermal (A1+C1+C3)     | 142.614        | 711.905         | 3) MUMBAI Schedule             | 6.751          | 32.086          |
| 2) Hydro (A2+B5+C2)       | 12.246         | 68.119          | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 15.235         | 75.163          | 1) MSEDCL                      | 282.901        | 1420.110        |
| 4) Wind (B4)              | 1.645          | 10.905          | 2) TPCL                        | 30.812         | 146.969         |
| 5) CPP (B1+B2+B3)         | 38.147         | 185.593         | 3) REL                         | 15.175         | 72.038          |
| <b>TOTAL STATE</b>        | <b>209.887</b> | <b>1051.685</b> | <b>TOTAL STATE</b>             | <b>328.888</b> | <b>1639.117</b> |

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

| <b>PARTICULARS</b>               | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 20 Hrs</b> | <b>C. Night Minimum at 3 Hrs</b> |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                  | 4354                             | 4322                             | 4199                             |
| MSGENCO Hydro                    | 752                              | 547                              | 157                              |
| MSGENCO Gas                      | 610                              | 632                              | 651                              |
| <b>MSGENCO Total Generation</b>  | <b>5716</b>                      | <b>5501</b>                      | <b>5007</b>                      |
| <b>Central Sector Receipt</b>    | <b>5342</b>                      | <b>5025</b>                      | <b>4605</b>                      |
| <b>WIND</b>                      | <b>37</b>                        | <b>59</b>                        | <b>133</b>                       |
| <b>CPP / IPP</b>                 | <b>1796</b>                      | <b>1712</b>                      | <b>1360</b>                      |
| <b>Exchange with Mumbai</b>      | <b>-214</b>                      | <b>-298</b>                      | <b>93</b>                        |
| <b>MSEDCL DEMAND MET</b>         | <b>12727</b>                     | <b>12052</b>                     | <b>11198</b>                     |
| <b>Load Shedding (LS)</b>        | <b>1829</b>                      | <b>967</b>                       | <b>478</b>                       |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>14556</b>                     | <b>13019</b>                     | <b>11676</b>                     |
| <b>TPCL GENERATION</b>           | <b>1615</b>                      | <b>1529</b>                      | <b>813</b>                       |
| <b>REL GENERATION</b>            | <b>527</b>                       | <b>526</b>                       | <b>529</b>                       |
| <b>TPCL+REL DEMAND</b>           | <b>2356</b>                      | <b>2353</b>                      | <b>1249</b>                      |
| <b>STATE DEMAND MET</b>          | <b>15083</b>                     | <b>14405</b>                     | <b>12447</b>                     |
| <b>Load Management (LM)</b>      | <b>2413</b>                      | <b>3789</b>                      | <b>1668</b>                      |
| <b>Total Load Relief (LS+LM)</b> | <b>4242</b>                      | <b>4756</b>                      | <b>2146</b>                      |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>19325</b>                     | <b>19161</b>                     | <b>14593</b>                     |
| <b>Frequency (Hz)</b>            | <b>49.66</b>                     | <b>49.58</b>                     | <b>49.94</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.22 Hz at 06.58 Hrs</b> | <b>49.04 Hz at 20.08 Hrs</b> | <b>49.73</b>         | <b>.65 % 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 05/Jan/2012

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.09        | 15.99         | 143      | 116      | 130      |
| Unit 6           | 2.57        | 14.20         | 129      | 89       | 125      |
| Unit 7           | 3.59        | 19.20         | 171      | 125      | 155      |
| Total            | 9.24        | 49.38         |          |          | 410      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 14.46         | 0        | 0        | 0        |
| Unit 3           | 4.36        | 21.13         | 190      | 175      | 180      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        |          |
| Total            | 4.36        | 35.59         |          |          | 180      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 4.36        | 19.95         | 200      | 143      | 155      |
| Unit 5           | 0.00        | 10.23         | 0        | 0        | 0        |
| Unit 6           | 5.26        | 23.40         | 244      | 176      | 180      |
| Unit 7           | 5.11        | 21.69         | 246      | 169      | 180      |
| Total            | 14.73       | 75.27         |          |          | 515      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.56        | 17.90         | 153      | 141      | 150      |
| Unit 2           | 3.60        | 18.31         | 161      | 127      | 150      |
| Unit 3           | 3.76        | 19.49         | 165      | 126      | 160      |
| Unit 4           | 4.99        | 25.07         | 212      | 200      | 210      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 9.74        | 48.97         | 432      | 393      | 400      |
| Unit 7           | 10.76       | 37.01         | 469      | 422      | 430      |
| Total            | 36.41       | 166.75        |          |          | 1500     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.02        | 27.78         | 228      | 193      | 210      |
| Unit 4           | 4.91        | 27.43         | 225      | 180      | 191      |
| Total            | 9.93        | 55.21         |          |          | 401      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 4.49        | 21.84         | 198      | 175      | 171      |
| Unit 3           | 4.96        | 19.58         | 223      | 100      | 194      |
| Unit 4           | 5.20        | 25.87         | 221      | 210      | 192      |
| Unit 5           | 0.00        | 1.11          | 0        | 0        |          |
| Total            | 14.65       | 68.41         |          |          | 557      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.82        | 24.14         | 220      | 175      | 210      |
| Unit 4           | 4.98        | 24.64         | 212      | 200      | 210      |
| Unit 5           | 3.32        | 19.84         | 187      | 62       | 170      |
| Total            | 13.11       | 68.62         |          |          | 590      |
| Uran             |             |               |          |          |          |
| All Units        | 15.24       | 75.16         | 662      | 604      | 630      |
| Total            | 15.24       | 75.16         |          |          | 630      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.57        | 1.78          | 53       | 0        |          |
| Total            | 0.57        | 1.78          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.76        | 12.82         | 395      | 40       | 600      |
| Stage 4          | 0.27        | 5.45          | 177      | 0        | 250      |
| Stage 3          | 0.90        | 4.23          | 140      | 0        | 320      |
| Total            | 3.93        | 22.49         |          |          | 1170     |
| Kovna 12&4 Total | 3.03        | 18.27         |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.76        | 2.01          | 38       | 20       | 18       |
| VTRNA           | 0.92        | 4.75          | 61       | 0        | 61       |
| TILLARI         | 0.40        | 1.98          | 62       | 0        | 60       |
| BHTGR/VEER      | 0.48        | 2.27          | 20       | 20       | 20       |
| BHIRA T.R.      | 0.16        | 0.78          | 71       | 0        | 80       |
| RNGR+BHTSA      | 0.36        | 1.88          | 17       | 0        | 17       |
| BHANDARDRA      | 0.00        | 0.00          | 0        | 0        | 0        |
| ELDARY          | 0.28        | 1.53          | 13       | 0        | 13       |
| SMLHY PTN       | 1.05        | 5.28          | 53       | 42       | 12       |
| GHATGHAR        | 0.84        | 8.86          | 125      | 0        | 0        |
| Total           | 5.25        | 29.33         |          |          | 281      |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.10        | 0.53          |          |          |          |
| Vankuswadi      | 0.14        | 0.81          |          |          |          |
| ATIT            | 0.04        | 0.14          |          |          |          |
| Kale            | 0.06        | 0.25          |          |          |          |
| Satara          | 0.30        | 1.50          |          |          |          |
| Shirala         | 0.10        | 0.24          |          |          |          |
| K Mahankal      | 0.06        | 0.39          |          |          |          |
| Supa            | 0.03        | 0.21          |          |          |          |
| Vita            | 0.13        | 1.00          |          |          |          |
| Dondaicha       | 0.38        | 3.90          |          |          |          |
| Sakri           | 0.08        | 0.50          |          |          |          |
| Nandurbar       | 0.06        | 0.42          |          |          |          |
| Khandke         | 0.14        | 0.49          |          |          |          |
| Khaparale       | 0.03        | 0.52          |          |          |          |
| Total           | 1.64        | 10.90         |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 23.50       | 117.20        | 1157     | 720      | 930      |
| WARDHA          | 7.97        | 37.00         | 369      | 263      | 364      |
| Other CPPs      | 6.68        | 31.39         |          |          |          |
| Total           | 38.15       | 185.59        |          |          | 1294     |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 10.58       | 52.05         | 501      | 282      | 500      |
| Trombay 6       | 6.73        | 27.55         | 476      | 155      | 500      |
| Trombay 7A      | 3.00        | 15.14         | 129      | 120      | 120      |
| Trombay 7B      | 1.65        | 8.28          | 70       | 68       | 60       |
| Trombay 8       | 5.56        | 27.27         | 253      | 176      | 250      |
| TATA Hydro      | 2.50        | 14.52         | 296      | 0        | 447      |
| Total           | 30.02       | 144.80        |          |          | 1877     |
| REL             |             |               |          |          |          |
| 1&2             | 12.66       | 62.38         | 529      | 525      | 500      |
| Total           | 12.66       | 62.38         |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 4886     |
| Total           |             |               |          |          | 4886     |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 102.44        | 519.24         |  |  | 4153         |
|                    | Thml+Gas     | 117.67        | 594.40         |  |  | 4783         |
|                    | Hydro        | 9.18          | 51.83          |  |  | 1451         |
|                    | <b>Total</b> | <b>126.85</b> | <b>646.22</b>  |  |  | <b>6234</b>  |
| <b>State Total</b> |              | <b>209.89</b> | <b>1051.68</b> |  |  | <b>14791</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/Jan/2012

| TIME<br>SR.<br>NO. | MSPGCL GEN. |      |       | TOTAL  | WIND | CPP /<br>IPP | 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>DEMAND<br>WITH LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM. WITH<br>LS+LM | FREQ.<br>(Hz) |
|--------------------|-------------|------|-------|--------|------|--------------|-------------|-------------|--------------|----------------------|-------------------------|-----------------------------|-----------------------------|-------------------------|-----------------------------|---------------|
|                    | THM         | HY   | GAS   |        |      |              |             |             |              |                      |                         |                             |                             |                         |                             |               |
| 1                  | 4194        | 197  | 651   | 5042   | 150  | 1362         | 4523        | 4742        | -174         | -111                 | 11185                   | 2124                        | 11379                       | 1452                    | 14761                       | 49.76         |
| 2                  | 4144        | 157  | 652   | 4953   | 147  | 1362         | 4449        | 4634        | -100         | 13                   | 11109                   | 2299                        | 11508                       | 1329                    | 14737                       | 49.86         |
| 3                  | 4199        | 157  | 651   | 5007   | 133  | 1360         | 4418        | 4605        | -68          | 93                   | 11198                   | 2146                        | 11676                       | 1249                    | 14593                       | 49.94         |
| 4                  | 4181        | 157  | 652   | 4990   | 103  | 1360         | 4409        | 4733        | -52          | 124                  | 11310                   | 2391                        | 11805                       | 1214                    | 14915                       | 49.90         |
| 5                  | 4212        | 162  | 656   | 5030   | 120  | 1402         | 4434        | 4745        | -58          | 97                   | 11394                   | 2427                        | 11896                       | 1243                    | 15064                       | 49.84         |
| 6                  | 4193        | 207  | 652   | 5052   | 83   | 1451         | 4599        | 5019        | 22           | 113                  | 11718                   | 2707                        | 12396                       | 1335                    | 15760                       | 49.72         |
| 7                  | 4157        | 274  | 662   | 5093   | 79   | 1510         | 4662        | 5026        | -96          | 68                   | 11803                   | 3750                        | 13235                       | 1530                    | 17083                       | 49.70         |
| 8                  | 4187        | 562  | 655   | 5404   | 56   | 1604         | 4829        | 5040        | -189         | -51                  | 12101                   | 4146                        | 13624                       | 1675                    | 17922                       | 49.68         |
| 9                  | 4205        | 808  | 645   | 5658   | 33   | 1758         | 4874        | 4764        | -239         | -167                 | 12070                   | 4149                        | 13590                       | 1899                    | 18118                       | 49.69         |
| 10                 | 4325        | 803  | 647   | 5775   | 34   | 1758         | 4922        | 4872        | -289         | -197                 | 12265                   | 4419                        | 14123                       | 2163                    | 18847                       | 49.58         |
| 11                 | 4360        | 596  | 623   | 5579   | 41   | 1764         | 5064        | 5056        | -375         | -201                 | 12289                   | 4367                        | 14242                       | 2316                    | 18972                       | 49.74         |
| 12                 | 4354        | 752  | 610   | 5716   | 37   | 1796         | 5096        | 5342        | -410         | -214                 | 12727                   | 4242                        | 14556                       | 2356                    | 19325                       | 49.66         |
| 13                 | 4349        | 550  | 615   | 5514   | 32   | 1803         | 5094        | 5235        | -405         | -164                 | 12470                   | 4335                        | 14392                       | 2337                    | 19142                       | 49.70         |
| 14                 | 4358        | 328  | 605   | 5291   | 33   | 1801         | 5104        | 5513        | -413         | -224                 | 12464                   | 4002                        | 14098                       | 2242                    | 18708                       | 49.73         |
| 15                 | 4379        | 512  | 607   | 5498   | 35   | 1792         | 5040        | 5160        | -348         | -274                 | 12234                   | 3718                        | 13731                       | 2284                    | 18236                       | 49.69         |
| 16                 | 4373        | 586  | 619   | 5578   | 51   | 1788         | 5018        | 5102        | -331         | -249                 | 12293                   | 3707                        | 13902                       | 2299                    | 18299                       | 49.70         |
| 17                 | 4266        | 281  | 604   | 5151   | 49   | 1705         | 4769        | 4779        | -456         | -300                 | 11384                   | 4319                        | 13227                       | 2296                    | 17999                       | 49.66         |
| 18                 | 4348        | 271  | 604   | 5223   | 52   | 1674         | 4670        | 4138        | -356         | -261                 | 10849                   | 4385                        | 12289                       | 2290                    | 17524                       | 49.65         |
| 19                 | 4361        | 338  | 618   | 5317   | 66   | 1691         | 4882        | 4890        | -450         | -297                 | 11717                   | 4911                        | 12892                       | 2354                    | 18982                       | 49.60         |
| 20                 | 4322        | 547  | 632   | 5501   | 59   | 1712         | 4957        | 5025        | -450         | -298                 | 12052                   | 4756                        | 13019                       | 2353                    | 19161                       | 49.58         |
| 21                 | 4353        | 331  | 639   | 5323   | 68   | 1631         | 4957        | 5176        | -445         | -257                 | 11984                   | 4427                        | 12647                       | 2229                    | 18640                       | 49.67         |
| 22                 | 4212        | 236  | 637   | 5085   | 69   | 1466         | 4917        | 4848        | -429         | -220                 | 11271                   | 4172                        | 11705                       | 2053                    | 17496                       | 49.78         |
| 23                 | 4217        | 240  | 649   | 5106   | 58   | 1323         | 4845        | 5141        | -387         | -192                 | 11445                   | 3694                        | 11793                       | 1843                    | 16982                       | 49.78         |
| 24                 | 4187        | 130  | 650   | 4967   | 57   | 1274         | 4640        | 5418        | -254         | -147                 | 11569                   | 2994                        | 11839                       | 1648                    | 16211                       | 49.98         |
| MUs                | 102.4<br>4  | 9.18 | 15.24 | 126.85 | 1.64 | 38.15        | 115.17      | 119.00      | -6.75        | -3.32                | 282.90                  | 88.59                       | 309.56                      | 45.99                   | 417.48                      | 49.73         |

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 05/Jan/2012**

Position as on 6.30 Hrs of 06/Jan/2012

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                           | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|--------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                            |               |
| Parli Unit 3            | 210      | 12/11/2011   | 21.25        |            | Continued. | Annual Overhaul.                           | 22/01/2012    |
| Cent_Sect NTPC(K-1)     | 210      | 20/12/2011   | 13.44        |            | Continued. | Annual Overhaul.                           | 14/01/2012    |
| Cent_Sect NTPC (K-2)    | 210      | 20/12/2011   | 13.45        |            | Continued. | Annual Overhaul.                           | 14/01/2012    |
| Khaparkheda Unit 1      | 210      | 31/12/2011   | 02.37        |            | Continued. | Annual Overhaul                            | 10/02/2012    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                            |               |
| Bhusawal Unit 4         | 500      | 17/10/2011   | 03.55        |            | Continued. | Hand Tripped                               | 29/02/2012    |
| CPP WPCL U-4            | 135      | 02/11/2011   | 04.40        |            | Continued. | ID Fan Problem, Preparation for P.G. Test. | 31/01/2012    |
| Dabhol 3B               | 230      | 12/12/2011   | 23.46        |            | Continued. | Gas shortage.                              |               |
| Dabhol 3A               | 230      | 13/12/2011   | 16.09        |            | Continued. | Gas Shortage                               |               |
| Dabhol 3X               | 290      | 13/12/2011   | 16.09        |            | Continued. | Gas Shortage                               |               |
| Cent_Sect NTPC(K-3)     | 210      | 28/12/2011   | 14.00        |            | Continued. | CW Pump Problem                            |               |
| Chandrapur Unit 5       | 500      | 29/12/2011   | 12.13        |            | Continued. | Emergency Supply Fail.                     | 06/01/2012    |
| Khaparkheda Unit 5      | 500      | 01/01/2012   | 05.48        |            | Continued. | Tripped on generator protection operated.  |               |
| Cent_Sect NTPC(V-2)     | 210      | 03/01/2012   | 23.02        | 05/01/2012 | 03.23      | Boiler tube leakage.                       |               |
| Parli Unit 5            | 210      | 04/01/2012   | 12:32        |            | Continued. | Boiler Tube Leakage.                       | 07/01/2012    |
| Bhusawal Unit 2         | 210      | 04/01/2012   | 12:59        |            | Continued. | Boiler Tube Leakage.                       | 07/01/2012    |
| CPP JSW (J) U3          | 300      | 04/01/2012   | 22.02        | 05/01/2012 | 07.28      | PA Fan problem                             |               |
| Koyna Unit 3            | 75       | 05/01/2012   | 07.10        | 05/01/2012 | 17.00      | Preventive Maint.work                      |               |
| CPP JSW (J) U1          | 300      | 05/01/2012   | 22.10        |            | Continued. | Bottom Ash Problem                         |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 05/Jan/2012**

Position as on 6.30 Hrs of 06/Jan/2012

| Name of Line                            | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                                                     |
|-----------------------------------------|--------------|--------------|-----------------------------------|-------------------|------------------------------------------------------------------------------------------------------|
| <b>InterState</b>                       |              |              |                                   |                   |                                                                                                      |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                      |
| Borivali-Tarapur                        | 29/12/2011   | 07:54        |                                   | Continued.        | Work of Conversion from D/C to M/C (60 Days Outage). Temporary reconfigured as Tarapur-Boisar ckt-II |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                                                      |
| Parli (PGCIL)-Bhadravati-II             | 09/12/2011   | 16.41        |                                   | Continued.        | Over Voltage.                                                                                        |
| Chandrapur-Bhadravati - I               | 25/12/2011   | 22.48        |                                   | Continued.        | Over Voltage.                                                                                        |
| Kolhapur - Mapusa - II                  | 29/12/2011   | 21.33        | 05/01/2012                        | 14.09             | Over Voltage.                                                                                        |
| Wardha - Akola - I                      | 29/12/2011   | 21.45        |                                   | Continued.        | Over Voltage.                                                                                        |
| Parly(PG)- Solapur(PG) - I              | 01/01/2012   | 00.10        |                                   | Continued.        | Over Voltage.                                                                                        |
| Dhule-Sar'Sarovar - I                   | 03/01/2012   | 22.41        |                                   | Continued.        | Over Voltage.                                                                                        |
| Dhule-Sar'Sarovar - II                  | 05/01/2012   | 00.12        | 05/01/2012                        | 12.15             | Over Voltage.                                                                                        |
| Kolhapur - Mapusa - I                   | 05/01/2012   | 22.01        |                                   | Continued.        | Over Voltage                                                                                         |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                                                      |
| Mudshungi - Chikodi                     | 05/01/2012   | 16.05        | 05/01/2012                        | 19.07             | Distance Protection                                                                                  |
| <b>IntraState</b>                       |              |              |                                   |                   |                                                                                                      |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                      |
| 400/220KV 105 MVA Spare ICT at Parly II | 22/04/2011   | 13.50        |                                   | Continued.        | To Remove Trip Coil Assembly for Bus Coupler.                                                        |
| 400/220KV,200MVA Spare ICT at Kalwa.    | 15/12/2011   | 14.59        |                                   | Continued.        | For Replacement of Y Ph. C T of ICT-I by 400KV C T of Spare ICT.up to 04.01.2012                     |
| Karad-Jaigad I                          | 03/01/2012   | 11.22        | 05/01/2012                        | 09.34             | TBC wiring and trials.                                                                               |
| Parli-Lonikand - II                     | 05/01/2012   | 08.51        | 05/01/2012                        | 21.12             | Faulty String replace (Work at Lonikand end)                                                         |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                      |
| 220/100KV,125 MVA T/F-II at Jambhul     | 08/11/2011   | 13.50        |                                   | Continued.        | Inspection and Rectification of Gas Formation(Charged on No Load at 19.03Hrs on 2/1/2012)            |
| 220/132 KV 100 MVA ICT-I @ Girawali     | 24/11/2011   | 10.46        |                                   | Continued.        | Augmentation of ICT BY 200 MVA ICT.                                                                  |
| Kalwa-Trombay                           | 30/11/2011   | 09.20        |                                   | Continued.        | Replacement of Breaker (Taken on TBC upto 16.01.2012.                                                |
| Bus Bar Protection at Parli (GCR)       | 24/12/2011   | 14.42        |                                   | Continued.        | Commissioning of New bus bar protection.(Up to 10/1/2012)                                            |
| 220/6.6kv Stn. T/F NO.IV @ KORADI       | 28/12/2011   | 10.41        |                                   | Continued.        | Commissioning of SCADA Scheme                                                                        |
| 220/132 KV 150 MVA ICT @ Bhandara       | 28/12/2011   | 13.57        |                                   | Continued.        | Replacement of ICT by 200MVA (Up to 29/2/12)                                                         |
| Boiser - Borivali                       | 29/12/2011   | 08.40        |                                   | Continued.        | Work of Conversion from D/C to M/C (60 Days Outage). Temporary reconfigured as Tarapur-Boisar ckt-II |
| Wardha - Yawatmal                       | 05/01/2012   | 07.47        | 05/01/2012                        | 17.23             | Carrying out stringing work of 400KV Mouda-Wardha Line                                               |
| Bhugaon-Pusad                           | 05/01/2012   | 07.48        | 05/01/2012                        | 17.39             | Carrying out stringing work of 400KV Mouda-Wardha Line                                               |
| Chinchwad - Chakan                      | 05/01/2012   | 08.31        | 05/01/2012                        | 17.50             | Jumper rectification at all CVT points                                                               |
| Alephata-Kathapur                       | 05/01/2012   | 08.38        | 05/01/2012                        | 17.40             | Replacement of Suspension Clamp                                                                      |
| 220/66 KV 150 MVA ICT- I @ Gadchandur   | 05/01/2012   | 09.01        | 05/01/2012                        | 19.15             | Fire Fighting Testing work                                                                           |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 05/Jan/2012**

Position as on 6.30 Hrs of 06/Jan/2012

| Name of Line                               | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                       |
|--------------------------------------------|--------------|--------------|-----------------------------------|--------------------|--------------------------------------------------------|
| Apta-Nagothane                             | 05/01/2012   | 09.30        | 05/01/2012                        | 18.42              | Insulator replacement work                             |
| Lonand - Baramati                          | 05/01/2012   | 09.45        | 05/01/2012                        | 18.27              | Annual Maint.work                                      |
| Dondaicha - Shahada                        | 05/01/2012   | 10.35        | 05/01/2012                        | 17.40              | C.R.M. and CB Timing Test                              |
| Bus Coupler @ Koradi                       | 05/01/2012   | 10.55        | 05/01/2012                        | 13.27              | Attending Trip Ckt Faulty Indication                   |
| 220/132KV 100MVA ICT-IV at Alephata        | 05/01/2012   | 11.25        | 05/01/2012                        | 12.50              | R.M.Work                                               |
| 220/132KV 200 MVA T/F NO - I at Ranjangaon | 05/01/2012   | 11.36        | 05/01/2012                        | 13.55              | CTR Work                                               |
| <b>Voltage Level : 132KV</b>               |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                        |
| Phursungi-Kamthali                         | 05/01/2012   | 08.46        | 05/01/2012                        | 18.17              | Conversion of SSN to DSN                               |
| <b>Voltage Level : 100KV</b>               |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                        |
| Chinchwad - Talegaon                       | 25/11/2011   | 11.29        |                                   | Continued.         | Line Strengthening.                                    |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type</b> FORCED OUTAGE  |                    |                                                        |
| 50 MVAR Reactor on 400 KV Bhusawal - II    | 16/12/2011   | 12.02        |                                   | Continued.         | To Attend Oil Leakage.                                 |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                        |
| 400/220KV,500MVA ICT-II at Khaparkheda.    | 20/11/2011   | 08.02        |                                   | Continued.         | Due to low nitrogen pressure fire alarm received.      |
| Bhusawal- Aurangabad                       | 04/01/2012   | 17.07        | 05/01/2012                        | 06.54              | Over Voltage                                           |
| Karad - Newkoyna - I                       | 04/01/2012   | 19.01        | 05/01/2012                        | 07.16              | B Pole Trip at Karad                                   |
| Karad - Kolhapur - II                      | 05/01/2012   | 16.52        |                                   | Continued.         | Over Voltage                                           |
| Bhusawal- Aurangabad                       | 05/01/2012   | 17.07        |                                   | Continued.         | Over Voltage                                           |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                        |
| Chandrapur - Warora                        | 24/12/2011   | 17.58        |                                   | Continued.         | To control Wardha-Warora,Hinganghat -Warora.L/L.       |
| Bale-Usmanabad                             | 31/12/2011   | 11.52        |                                   | Continued.         | To control Lamboti-Bale line.                          |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                        |
| Main Ckt Breaker of Dhule -SSP-I at Dhule  | 30/11/2011   | 17.00        |                                   | Continued.         | B Phase Main C.B.Burst atDhule(Charged through         |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                        |
| 220/100KV 200MVA ICT-III at Kalwa          | 03/04/2011   | 16.00        |                                   | Continued.         | Buchholz Trip,Diff.Prot.operated,PRV tripped( Failed). |
| <b>Voltage Level : 132KV</b>               |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                        |
| Girwali - Latur MIDC                       | 05/01/2012   | 15.25        | 05/01/2012                        | 19.00              | Distance Protection                                    |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 06/Jan/2012

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 75          |
| Unit 6             | 210                   | 125         |
| Unit 7             | 210                   | 125         |
|                    | <b>620</b>            | <b>325</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 161         |
| Unit 4             | 500                   |             |
|                    | <b>920</b>            | <b>161</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 180         |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 180         |
| Unit 7             | 250                   | 170         |
|                    | <b>1130</b>           | <b>530</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 137         |
| Unit 2             | 210                   | 133         |
| Unit 3             | 210                   | 143         |
| Unit 4             | 210                   | 187         |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 386         |
| Unit 7             | 500                   | 414         |
|                    | <b>2340</b>           | <b>1400</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 180         |
| Unit 4             | 250                   | 180         |
|                    | <b>500</b>            | <b>360</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   |             |
|                    | <b>1340</b>           | <b>610</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 210                   | 190         |
|                    | <b>630</b>            | <b>610</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 630         |
|                    | <b>852</b>            | <b>630</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</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          |
| VTRNA              | 60                    | 60          |
| TILLARI            | 60                    | 60          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| BHTGR/VEER       | 21                    | 20          |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 17          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 11          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>266</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                   | 825         |
| WARDHA           | 405                   | 365         |
| Other CPPs       | 0                     |             |
|                  | <b>1005</b>           | <b>1190</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 5049        |
|                  | <b>3455</b>           | <b>5049</b> |