



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**19/Dec/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 19/Dec/2011 MONDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 115.920        | 2158.106        | 1) Gujrat                      | 8.283          | 115.123         |
| 2) Hydro                 | 7.918          | 241.981         | 2) Madhya Pradesh              | 21.189         | 391.193         |
| 3) Gas                   | 12.619         | 257.722         | 3) Chattisgarh                 | 13.680         | 264.100         |
| <b>Total MSGENCO</b>     | <b>136.457</b> | <b>2657.809</b> | 4) Maharashtra                 | 49.097         | 988.679         |
| <b>B) OTHERS</b>         |                |                 | 5) Goa                         | -6.054         | -118.679        |
| 1) JSW JAIGAD            | 20.968         | 439.432         | 6) TAPS 1&2 Injection          | 7.759          | 145.421         |
| 2) WPCL                  | 6.458          | 146.975         | 7) RGPPL Injection             | 25.978         | 537.224         |
| 3) Other CPP / IPP       | 6.530          | 135.982         | 8) Pench (Excess)              | -0.599         | -9.113          |
| 4) Wind Generation       | 3.043          | 53.029          | <b># Total Cent. Sector</b>    | <b>119.333</b> | <b>2313.948</b> |
| 5) PENCH (MS)            | 0.599          | 9.113           | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) With TPCL (Excess)          | -5.160         | -148.118        |
| 1) TPCL Thermal          | 28.451         | 536.384         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro            | 3.972          | 66.248          | 1) MSEDCL Bilateral            | 37.492         | 714.552         |
| <b>TOTAL TPCL</b>        | <b>32.423</b>  | <b>602.632</b>  | Include PX                     | 3.306          | 62.459          |
| 3) REL Thermal           | 12.610         | 225.668         | 2) MUMBAI Bilateral            | 9.005          | 212.410         |
| <b>D) STATE</b>          |                |                 | Include PX                     | -1.498         | 2.342           |
| 1) Thermal (A1+C1+C3)    | 156.981        | 2920.158        | 3) MUMBAI Schedule             | 9.005          | 221.990         |
| 2) Hydro (A2+B5+C2)      | 12.489         | 317.342         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)              | 12.619         | 257.722         | 1) MSEDCL                      | 288.228        | 5608.170        |
| 4) Wind (B4)             | 3.043          | 53.029          | 2) TPCL                        | 33.843         | 656.995         |
| 5) CPP (B1+B2+B3)        | 33.956         | 722.389         | 3) REL                         | 16.349         | 319.369         |
| <b>TOTAL STATE</b>       | <b>219.088</b> | <b>4270.640</b> | <b>TOTAL STATE</b>             | <b>338.420</b> | <b>6584.534</b> |

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

| PARTICULARS                      | A. Morning Peak at 12 Hrs | B. Evening Peak at 19 Hrs | C. Night Minimum at 3 Hrs |
|----------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                  | 4964                      | 4989                      | 4550                      |
| MSGENCO Hydro                    | 660                       | 414                       | 113                       |
| MSGENCO Gas                      | 612                       | 480                       | 528                       |
| <b>MSGENCO Total Generation</b>  | <b>6236</b>               | <b>5883</b>               | <b>5191</b>               |
| <b>Central Sector Receipt</b>    | <b>5417</b>               | <b>5218</b>               | <b>4425</b>               |
| <b>WIND</b>                      | <b>95</b>                 | <b>65</b>                 | <b>228</b>                |
| <b>CPP / IPP</b>                 | <b>1438</b>               | <b>1455</b>               | <b>1330</b>               |
| <b>Exchange with Mumbai</b>      | <b>-293</b>               | <b>-394</b>               | <b>-35</b>                |
| <b>MSEDCL DEMAND MET</b>         | <b>12944</b>              | <b>12277</b>              | <b>11139</b>              |
| <b>Load Shedding (LS)</b>        | <b>1867</b>               | <b>1201</b>               | <b>245</b>                |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>14811</b>              | <b>13478</b>              | <b>11384</b>              |
| <b>TPCL GENERATION</b>           | <b>1756</b>               | <b>1651</b>               | <b>862</b>                |
| <b>REL GENERATION</b>            | <b>526</b>                | <b>525</b>                | <b>525</b>                |
| <b>TPCL+REL DEMAND</b>           | <b>2575</b>               | <b>2570</b>               | <b>1422</b>               |
| <b>STATE DEMAND MET</b>          | <b>15519</b>              | <b>14847</b>              | <b>12561</b>              |
| <b>Load Management (LM)</b>      | <b>2277</b>               | <b>3485</b>               | <b>1596</b>               |
| <b>Total Load Relief (LS+LM)</b> | <b>4144</b>               | <b>4686</b>               | <b>1841</b>               |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>19663</b>              | <b>19533</b>              | <b>14402</b>              |
| <b>Frequency (Hz)</b>            | <b>49.64</b>              | <b>49.70</b>              | <b>50.04</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz |
|-----------------------|-----------------------|---------------|---------------------|
| 50.33 Hz at 04:00 Hrs | 49.27 Hz at 10:34 Hrs | 49.8          | 0 % of Time(min)    |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 19/Dec/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 54.49         | 0        | 0        | 0        |
| Unit 6           | 3.29        | 49.32         | 165      | 120      | 120      |
| Unit 7           | 3.68        | 68.16         | 185      | 130      | 132      |
| Total            | 6.97        | 171.96        |          |          | 252      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 49.32         | 0        | 0        | 0        |
| Unit 3           | 4.23        | 78.74         | 190      | 160      | 180      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 4.23        | 128.06        |          |          | 180      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 4.34        | 78.42         | 192      | 135      | 185      |
| Unit 5           | 3.09        | 53.81         | 143      | 109      | 130      |
| Unit 6           | 4.83        | 78.50         | 247      | 134      | 205      |
| Unit 7           | 2.03        | 72.61         | 177      | 0        | 0        |
| Total            | 14.29       | 283.35        |          |          | 520      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.71        | 70.68         | 158      | 149      | 160      |
| Unit 2           | 3.76        | 53.81         | 163      | 150      | 155      |
| Unit 3           | 4.12        | 80.06         | 179      | 160      | 165      |
| Unit 4           | 4.72        | 92.98         | 206      | 186      | 210      |
| Unit 5           | 10.68       | 170.95        | 460      | 415      | 450      |
| Unit 6           | 10.35       | 99.99         | 455      | 410      | 425      |
| Unit 7           | 8.84        | 174.46        | 368      | 314      | 380      |
| Total            | 46.17       | 742.93        |          |          | 1945     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.14        | 75.57         | 199      | 154      | 150      |
| Unit 4           | 4.19        | 76.56         | 205      | 151      | 150      |
| Total            | 8.33        | 152.13        |          |          | 300      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.71        | 83.84         | 210      | 170      | 200      |
| Unit 2           | 3.35        | 79.72         | 195      | 0        | 200      |
| Unit 3           | 4.86        | 90.60         | 215      | 194      | 200      |
| Unit 4           | 4.98        | 89.10         | 218      | 195      | 210      |
| Unit 5           | 3.44        | 69.27         | 238      | 0        | 0        |
| Total            | 21.34       | 412.53        |          |          | 810      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 5.24        | 91.80         | 220      | 215      | 210      |
| Unit 4           | 4.88        | 91.64         | 210      | 182      | 210      |
| Unit 5           | 4.49        | 83.72         | 192      | 181      | 190      |
| Total            | 14.60       | 267.16        |          |          | 610      |
| Uran             |             |               |          |          |          |
| All Units        | 12.62       | 257.72        | 615      | 444      | 500      |
| Total            | 12.62       | 257.72        |          |          | 500      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.60        | 9.11          | 53       | 0        | 0        |
| Total            | 0.60        | 9.11          |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.45        | 70.36         | 430      | 40       | 600      |
| Stage 4          | 0.86        | 75.50         | 280      | 0        | 250      |
| Stage 3          | 0.80        | 31.97         | 106      | 0        | 320      |
| Total            | 4.11        | 177.83        |          |          | 1170     |
| Kovna 12&4 Total | 3.31        | 145.86        |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.00        | 5.73          | 0        | 0        | 0        |
| VTRNA           | 0.00        | 0.69          | 0        | 0        | 0        |
| TILLARI         | 0.00        | 0.00          | 0        | 0        | 0        |
| BHTGR/VEER      | 0.08        | 2.96          | 4        | 3        | 4        |
| BHIRA T.R.      | 0.13        | 3.80          | 51       | 0        | 80       |
| RNGR+BHTSA      | 0.39        | 7.22          | 17       | 15       | 17       |
| BHANDARDRA      | 0.08        | 0.08          | 6        | 0        | 0        |
| ELDARY          | 0.34        | 4.24          | 15       | 14       | 14       |
| SMLHY PTN       | 0.89        | 17.43         | 45       | 34       | 11       |
| GHATGHAR        | 1.89        | 22.00         | 250      | 0        | 0        |
| Total           | 3.81        | 64.15         |          |          | 126      |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.22        | 3.42          |          |          |          |
| Vankuswadi      | 0.35        | 6.70          |          |          |          |
| ATIT            | 0.03        | 1.90          |          |          |          |
| Kale            | 0.11        | 2.09          |          |          |          |
| Satara          | 0.83        | 9.39          |          |          |          |
| Shirala         | 0.09        | 2.32          |          |          |          |
| K Mahankal      | 0.01        | 3.71          |          |          |          |
| Supa            | 0.08        | 1.13          |          |          |          |
| Vita            | 0.55        | 8.41          |          |          |          |
| Dondaicha       | 0.36        | 8.03          |          |          |          |
| Sakri           | 0.02        | 0.73          |          |          |          |
| Nandurbar       | 0.04        | 0.84          |          |          |          |
| Khandke         | 0.25        | 2.60          |          |          |          |
| Khaparale       | 0.09        | 1.76          |          |          |          |
| Total           | 3.04        | 53.03         |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 20.97       | 439.43        | 917      | 731      | 825      |
| WARDHA          | 6.46        | 146.98        | 315      | 232      | 312      |
| Other CPPs      | 6.53        | 135.98        |          |          |          |
| Total           | 33.96       | 722.39        |          |          | 1137     |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 10.80       | 213.87        | 503      | 282      | 500      |
| Trombay 6       | 7.19        | 128.79        | 435      | 156      | 500      |
| Trombay 7A      | 2.97        | 51.36         | 128      | 118      | 120      |
| Trombay 7B      | 1.54        | 28.77         | 66       | 63       | 60       |
| Trombay 8       | 5.94        | 113.59        | 253      | 209      | 250      |
| TATA Hydro      | 3.97        | 66.25         | 392      | 0        | 447      |
| Total           | 32.42       | 602.63        |          |          | 1877     |
| REL             |             |               |          |          |          |
| 1&2             | 12.61       | 225.67        | 528      | 522      | 500      |
| Total           | 12.61       | 225.67        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 5124     |
| Total           |             |               |          |          | 5124     |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 115.92        | 2158.11        |  |  | 4617         |
|                    | Thml+Gas     | 128.54        | 2415.83        |  |  | 5117         |
|                    | Hydro        | 7.92          | 241.98         |  |  | 1296         |
|                    | <b>Total</b> | <b>136.46</b> | <b>2657.81</b> |  |  | <b>6413</b>  |
| <b>State Total</b> |              | <b>219.09</b> | <b>4270.64</b> |  |  | <b>15051</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/Dec/2011

| 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                  | 4652        | 118  | 527   | 5297   | 210  | 1346         | 4800        | 4554        | -346         | -123                 | 11284                   | 2015                        | 11422                       | 1641                    | 14940                       | 50.02         |
| 2                  | 4591        | 108  | 528   | 5227   | 230  | 1328         | 4742        | 4486        | -281         | -69                  | 11202                   | 2043                        | 11417                       | 1504                    | 14749                       | 50.04         |
| 3                  | 4550        | 113  | 528   | 5191   | 228  | 1330         | 4708        | 4425        | -246         | -35                  | 11139                   | 1841                        | 11384                       | 1422                    | 14402                       | 50.04         |
| 4                  | 4546        | 113  | 528   | 5187   | 232  | 1325         | 4693        | 4440        | -225         | -3                   | 11181                   | 2063                        | 11435                       | 1372                    | 14616                       | 50.13         |
| 5                  | 4549        | 108  | 528   | 5185   | 206  | 1319         | 4670        | 4716        | -199         | 15                   | 11441                   | 2087                        | 11702                       | 1365                    | 14893                       | 49.97         |
| 6                  | 4606        | 118  | 518   | 5242   | 173  | 1452         | 4978        | 4748        | -215         | 2                    | 11617                   | 2295                        | 11993                       | 1471                    | 15383                       | 49.90         |
| 7                  | 4850        | 178  | 518   | 5546   | 183  | 1445         | 4980        | 5079        | -183         | -48                  | 12226                   | 3011                        | 13147                       | 1631                    | 16868                       | 49.75         |
| 8                  | 4920        | 276  | 518   | 5714   | 178  | 1445         | 5057        | 4945        | -245         | -127                 | 12182                   | 3948                        | 13738                       | 1756                    | 17886                       | 49.71         |
| 9                  | 4815        | 285  | 556   | 5656   | 180  | 1438         | 5125        | 5255        | -314         | -217                 | 12337                   | 3992                        | 13976                       | 2008                    | 18337                       | 49.61         |
| 10                 | 4839        | 448  | 581   | 5868   | 147  | 1447         | 5170        | 5400        | -367         | -230                 | 12669                   | 4201                        | 14589                       | 2328                    | 19198                       | 49.66         |
| 11                 | 4888        | 544  | 615   | 6047   | 102  | 1439         | 5186        | 5220        | -446         | -312                 | 12549                   | 4238                        | 14542                       | 2535                    | 19322                       | 49.65         |
| 12                 | 4964        | 660  | 612   | 6236   | 95   | 1438         | 5194        | 5417        | -477         | -293                 | 12944                   | 4144                        | 14811                       | 2575                    | 19663                       | 49.64         |
| 13                 | 4857        | 585  | 590   | 6032   | 60   | 1415         | 5227        | 5471        | -486         | -277                 | 12752                   | 4268                        | 14744                       | 2543                    | 19563                       | 49.66         |
| 14                 | 4679        | 990  | 588   | 6257   | 42   | 1401         | 5263        | 5340        | -475         | -315                 | 12776                   | 4033                        | 14578                       | 2487                    | 19296                       | 49.69         |
| 15                 | 4703        | 903  | 588   | 6194   | 35   | 1418         | 5272        | 5602        | -448         | -328                 | 12972                   | 3717                        | 14612                       | 2516                    | 19205                       | 49.65         |
| 16                 | 4785        | 718  | 444   | 5947   | 29   | 1446         | 5262        | 5439        | -440         | -353                 | 12556                   | 3681                        | 14266                       | 2527                    | 18764                       | 49.84         |
| 17                 | 4828        | 354  | 470   | 5652   | 22   | 1458         | 4950        | 5100        | -443         | -348                 | 11887                   | 4180                        | 13740                       | 2525                    | 18592                       | 49.75         |
| 18                 | 4901        | 133  | 472   | 5506   | 39   | 1456         | 4950        | 4773        | -433         | -343                 | 11431                   | 4231                        | 12886                       | 2518                    | 18180                       | 49.66         |
| 19                 | 4989        | 414  | 480   | 5883   | 65   | 1455         | 5126        | 5218        | -514         | -394                 | 12277                   | 4686                        | 13478                       | 2570                    | 19533                       | 49.70         |
| 20                 | 5067        | 282  | 475   | 5824   | 97   | 1435         | 5160        | 5259        | -504         | -337                 | 12331                   | 4460                        | 13256                       | 2507                    | 19298                       | 49.77         |
| 21                 | 5059        | 122  | 485   | 5666   | 120  | 1445         | 5147        | 4860        | -484         | -352                 | 11791                   | 4240                        | 12495                       | 2407                    | 18438                       | 49.78         |
| 22                 | 5017        | 122  | 486   | 5625   | 147  | 1425         | 5110        | 4462        | -464         | -266                 | 11415                   | 4018                        | 11897                       | 2164                    | 17597                       | 49.76         |
| 23                 | 5035        | 115  | 494   | 5644   | 126  | 1431         | 4977        | 4481        | -385         | -227                 | 11459                   | 3470                        | 11690                       | 1986                    | 16915                       | 49.81         |
| 24                 | 4930        | 111  | 490   | 5531   | 97   | 1419         | 4893        | 4643        | -385         | -180                 | 11510                   | 2776                        | 11641                       | 1835                    | 16121                       | 49.96         |
| MUs                | 115.6<br>2  | 7.92 | 12.62 | 136.16 | 3.04 | 33.96        | 120.64      | 119.33      | -9.01        | -5.16                | 287.93                  | 83.64                       | 313.44                      | 50.19                   | 421.76                      | 49.80         |

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 19/Dec/2011**

Position as on 6.30 Hrs of 20/Dec/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                           | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|--------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                            |               |
| Cent_Sect TARAPUR-4     | 540      | 06/11/2011   | 01.00        |            | Continued. | Annual Overhaul                            | 25/12/2011    |
| Parli Unit 3            | 210      | 12/11/2011   | 21.25        |            | Continued. | Annual Overhaul.                           | 22/12/2011    |
| CPP JSW (J) U2          | 300      | 10/12/2011   | 23:30        |            | Continued. | Annual Shutdown                            | 27/12/2011    |
| Koyna ST-IV 2           | 250      | 18/12/2011   | 10:00        | 19/12/2011 | 07.00      | Preventive Maint. work.                    |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                            |               |
| Bhusawal Unit 4         | 500      | 17/10/2011   | 03.55        |            | Continued. | Hand Tripped                               | 28/12/2011    |
| CPP WPCL U-4            | 135      | 02/11/2011   | 04.40        |            | Continued. | ID Fan Problem, Preparation for P.G. Test. | 20/12/2011    |
| 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                               |               |
| Bhusawal Unit 2         | 210      | 16/12/2011   | 12.13        | 20/12/2011 | 04.20      | BLR T/L.                                   |               |
| Parli Unit 7            | 250      | 16/12/2011   | 23.08        | 19/12/2011 | 09.47      | W/Dn due to CHP Problem.                   |               |
| Koradi Unit 5           | 200      | 18/12/2011   | 02:24        |            | Continued. | Coal mill problem.                         | 20/12/2011    |
| Khaparkheda Unit 5      | 500      | 19/12/2011   | 01.34        | 19/12/2011 | 05.48      | Furnace pressure low.                      |               |
| Khaparkheda Unit 2      | 210      | 19/12/2011   | 12.37        | 19/12/2011 | 17.40      | To attend red hot.                         |               |
| CPP WPCL U-1            | 135      | 19/12/2011   | 13.16        |            | Continued. | Bottom ash scraper chain conveyor broken.  |               |
| Parli Unit 4            | 210      | 20/12/2011   | 03.47        |            | Continued. | Loss of fuel.                              |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 19/Dec/2011**

Position as on 6.30 Hrs of 20/Dec/2011

| 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 PLANNED OUTAGE</b> |                   |                                                                                                                                      |
| Boiser - Tarapur                        | 30/10/2011   | 08.31        |                                   | Continued.        | 60 Days outage for Dismantling of existing tower and re-stringing work for Mumbai Strengthening Scheme(Converted as Borivali-Tarapur |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                                                                      |
| Parli (PGCIL)-Bhadravati-II             | 09/12/2011   | 16.41        |                                   | Continued.        | Over Voltage.                                                                                                                        |
| Dhule - S'Sarovar- II                   | 16/12/2011   | 16.52        | 19/12/2011                        | 06.42             | Over Voltage.                                                                                                                        |
| Parly(PG) - Wardha (PG) - I             | 16/12/2011   | 22.06        |                                   | Continued.        | Over Voltage                                                                                                                         |
| Kolhapur - Mapusa - II                  | 17/12/2011   | 19.43        |                                   | Continued.        | Over Voltage.                                                                                                                        |
| Dhule-Sar'Sarovar - I                   | 18/12/2011   | 23.17        |                                   | Continued.        | Over Voltage.                                                                                                                        |
| <b>IntraState</b>                       |              |              |                                   |                   |                                                                                                                                      |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                                                      |
| 400/220KV 105 MVA Spare ICT at Parly II | 22/04/2011   | 13.50        |                                   | Continued.        | To Remove Trip Coil Assembly for Bus Coupler.                                                                                        |
| 80 MVAR Reactor @ Kharghar              | 13/12/2011   | 09.45        |                                   | Continued.        | Replacement of Bushing(upto 20/12/2011)                                                                                              |
| 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.                                                                     |
| 400 KV Main Bus - I @ Aurangabad        | 19/12/2011   | 10.13        | 19/12/2011                        | 17.15             | Dismantling of Y ph.wave trap of Deepnager-II.                                                                                       |
| 400/220 KV 315 MVA ICT-II @ Kharghar    | 19/12/2011   | 10.27        | 19/12/2011                        | 12.22             | To attend Hot spot LV side Y ph Bkr.                                                                                                 |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                                                      |
| Bhoisor - Borivali                      | 30/10/2011   | 08.06        |                                   | Continued.        | 60 Days outage for Dismantling of existing tower and re-stringing work for Mumbai Strengthening Scheme(Converted as Borivali-Tarapur |
| 220/100KV,125 MVA T/F-II at Jambhul     | 08/11/2011   | 13.50        |                                   | Continued.        | Inspection and Rectification of Gas Formation upto 30/12/2011                                                                        |
| 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 14/12/2011).                                                                               |
| Vita-Maisal                             | 19/12/2011   | 11.15        | 19/12/2011                        | 16.27             | Replacement of insulator.                                                                                                            |
| 220 KV Main Bus - I @Talangade          | 19/12/2011   | 11.30        |                                   | Continued.        | Erection of Bus-I isolator of new 220KV ICT-3 bay up to 23.12.2011.                                                                  |
| Mumewadi - Halkarni                     | 19/12/2011   | 12.05        | 19/12/2011                        | 16.20             | Q.M.Work.                                                                                                                            |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                                                      |
| Bhusawal - Jalgaon - II                 | 06/12/2011   | 09.25        |                                   | Continued.        | Replacement of Bus Isolator @ BSL End.                                                                                               |
| <b>Voltage Level : 100KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                                                      |
| Chinchwad - Talegaon                    | 25/11/2011   | 11.29        |                                   | Continued.        | Line Strengthening.                                                                                                                  |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                                                                                      |
| Amravati - Achalpur                     | 19/12/2011   | 12.18        | 19/12/2011                        | 21.32             | To attend CB Air pressure leakage.                                                                                                   |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                                                                      |
| 400/220KV,500MVA ICT-II at Khaparkheda. | 20/11/2011   | 08.02        |                                   | Continued.        | Due to low nitrogen pressure fire alarm received.                                                                                    |
| 400/220KV 500MVA ICT- I at Khaperkheda  | 16/12/2011   | 11.57        |                                   | Continued.        | Due to CTR low nitrogen pressure alarm received.                                                                                     |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 19/Dec/2011**

Position as on 6.30 Hrs of 20/Dec/2011

| Name of Line                              | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                           |
|-------------------------------------------|--------------|--------------|---------------------------------|--------------------|------------------------------------------------------------|
| 400/220 KV 100 MVA Spare Unit @ Koradi    | 17/12/2011   | 20.32        | 19/12/2011                      | 09.36              | Buccolz Alarm.                                             |
| Karad - Kolhapur - I                      | 18/12/2011   | 16.08        |                                 | Continued.         | Over Voltage.                                              |
| Bhusawal- Aurangabad                      | 18/12/2011   | 20.07        | 19/12/2011                      | 09.01              | Over Voltage.                                              |
| Bhusawal- Aurangabad                      | 19/12/2011   | 20.19        |                                 | Continued.         | Over Voltage.                                              |
| <b>Voltage Level : 220KV</b>              |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                            |
| Chandrapur - Warora                       | 18/12/2011   | 16.06        |                                 | Continued.         | To control Warora-Wardha and Warora -Hinghat line loading. |
| <b>Voltage Level : 400KV</b>              |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                            |
| Main Ckt Breaker of Dhule -SSP-I at Dhule | 30/11/2011   | 17.00        |                                 | Continued.         | B Phase Main C.B.Burst at Dhule(Charged through TBC on     |
| <b>Voltage Level : 220KV</b>              |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                            |
| 220/100KV 200MVA ICT-III at Kalwa         | 03/04/2011   | 16.00        |                                 | Continued.         | Buchholz Trip,Diff.Prot.operated,PRV tripped( Failed).     |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 20/Dec/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 135         |
| Unit 7             | 210                   | 165         |
|                    | <b>620</b>            | <b>300</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 100         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 500                   | 0           |
|                    | <b>920</b>            | <b>280</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 110         |
| Unit 6             | 250                   | 185         |
| Unit 7             | 250                   | 160         |
|                    | <b>1130</b>           | <b>455</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 425         |
| Unit 7             | 500                   | 380         |
|                    | <b>2340</b>           | <b>1955</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 170         |
| Unit 4             | 250                   | 170         |
|                    | <b>500</b>            | <b>340</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 170         |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   |             |
|                    | <b>1340</b>           | <b>720</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                   | 600         |
|                    | <b>852</b>            | <b>600</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                    | 0           |
| VTRNA              | 60                    | 0           |
| TILLARI            | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| BHTGR/VEER       | 21                    | 3           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 17          |
| BHANDARDRA       | 45                    | 5           |
| ELDARY           | 23                    | 15          |
| SMLHY PTN        | 12                    | 11          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>131</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                   | 242         |
| Other CPPs       | 0                     |             |
|                  | <b>1005</b>           | <b>1067</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                  | 4975        |
|                  | <b>3455</b>           | <b>4975</b> |