



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**17/Dec/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 17/Dec/2010 FRIDAY**

| <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                | 125.696        | 2141.196        | 1) Madhya Pradesh              | 41.707         | 888.473         |
| 2) Hydro                  | 4.350          | 121.529         | 2) Gujrat                      | 16.837         | 261.608         |
| 3) Gas                    | 15.829         | 262.834         | 3) Goa                         | -6.990         | -104.171        |
| <b>Total MSGENCO</b>      | <b>145.875</b> | <b>2525.559</b> | 4) TAPS 1&2 (Inj.)             | 7.675          | 131.086         |
| <b>B) OTHERS</b>          |                |                 | 5) Pench (Excess)              | -0.165         | -3.391          |
| 1) RGPPL Gas              | 36.342         | 588.142         | <b># Total Cent. Sector</b>    | <b>59.064</b>  | <b>1173.605</b> |
| 2) Wind Generation        | 2.482          | 58.315          | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP / IPP              | 13.339         | 200.826         | 1) With TPCL (Excess)          | -3.971         | -170.917        |
| 4) PENCH (MS)             | 0.165          | 3.391           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) MSEDCL Bilateral            | 5.074          | 42.299          |
| 1) TPCL Thermal           | 22.378         | 400.356         | Include PX                     | 0.000          | 0.000           |
| 2) TPCL Hydro             | 3.520          | 53.299          | 2) MUMBAI Bilateral            | 4.369          | 183.660         |
| <b>TOTAL TPCL</b>         | <b>25.898</b>  | <b>453.655</b>  | Include PX                     | 0.365          | 63.036          |
| 3) REL Thermal            | 12.669         | 159.358         | 3) MUMBAI Schedule             | 4.369          | 183.660         |
| <b>D) STATE</b>           |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)     | 160.743        | 2700.910        | 1) MSEDCL                      | 253.296        | 4378.921        |
| 2) Hydro (A2+B3+C2)       | 8.035          | 178.219         | 2) TPCL                        | 28.451         | 537.802         |
| 3) Gas (A3+B1)            | 52.171         | 850.976         | 3) REL                         | 14.089         | 245.757         |
| 4) Wind (B2)              | 2.482          | 58.315          | <b>TOTAL STATE</b>             | <b>295.836</b> | <b>5162.480</b> |
| 5) CPP (B3)               | 13.339         | 200.826         |                                |                |                 |
| <b>TOTAL STATE</b>        | <b>236.770</b> | <b>3989.246</b> |                                |                |                 |

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

| <b>PARTICULARS</b>                                                                    | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 19 Hrs</b> | <b>C. Night Minimum at 2 Hrs</b> |
|---------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                                                                       | 5258                             | 5531                             | 4651                             |
| MSGENCO Hydro                                                                         | 255                              | 566                              | 125                              |
| MSGENCO Gas                                                                           | 659                              | 645                              | 675                              |
| <b>MSGENCO Total Generation</b>                                                       | <b>6172</b>                      | <b>6742</b>                      | <b>5451</b>                      |
| Central Sector Receipt                                                                | 3124                             | 2475                             | 1522                             |
| RGPPL                                                                                 | 1535                             | 1540                             | 1457                             |
| WIND                                                                                  | 77                               | 93                               | 158                              |
| CPP / IPP                                                                             | 632                              | 583                              | 486                              |
| Exchange with Mumbai                                                                  | -272                             | -352                             | 65                               |
| <b>MSEDCL DEMAND MET</b>                                                              | <b>11268</b>                     | <b>11108</b>                     | <b>9139</b>                      |
| Load Shedding                                                                         | 3106                             | 3981                             | 0                                |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                                       | <b>14374</b>                     | <b>15089</b>                     | <b>9139</b>                      |
| TPCL GENERATION                                                                       | 1369                             | 1343                             | 760                              |
| REL GENERATION                                                                        | 527                              | 527                              | 529                              |
| <b>TPCL+REL DEMAND</b>                                                                | <b>2168</b>                      | <b>2222</b>                      | <b>1224</b>                      |
| <b>STATE DEMAND MET</b>                                                               | <b>13436</b>                     | <b>13330</b>                     | <b>10363</b>                     |
| <b>STATE DEMAND (INCL. LS)</b>                                                        | <b>16542</b>                     | <b>17311</b>                     | <b>10363</b>                     |
| Frequency (Hz)                                                                        | 49.64                            | 49.75                            | 49.94                            |
| <b>MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b>   |                                  |                                  | <b>3473 MW AT 16.00 HRS</b>      |
| <b>MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b> |                                  |                                  | <b>41.70 MUS</b>                 |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.32 Hz at 03.02 Hrs</b> | <b>49.21 Hz at 08.35 Hrs</b> | <b>49.81</b>         | <b>0 % of Time(min)</b>    |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 17/Dec/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.66        | 24.16         | 73       | 64       | 70       |
| Unit 2           | 1.69        | 22.77         | 77       | 64       | 70       |
| Unit 3           | 1.41        | 21.04         | 71       | 0        | 70       |
| Unit 4           | 0.00        | 14.68         | 0        | 0        | 0        |
| Unit 5           | 3.66        | 46.38         | 167      | 130      | 150      |
| Unit 6           | 3.34        | 54.51         | 159      | 116      | 150      |
| Unit 7           | 3.64        | 57.72         | 165      | 120      | 130      |
|                  | 15.40       | 241.26        |          |          | 640      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 0.00        | 13.79         | 0        | 0        | 0        |
| Unit 2           | 0.82        | 62.78         | 165      | 0        | 0        |
| Unit 3           | 4.30        | 74.08         | 195      | 160      | 200      |
|                  | 5.11        | 150.64        |          |          | 200      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.00        | 7.29          | 0        | 0        | 0        |
| Unit 2           | 0.00        | 5.46          | 0        | 0        | 0        |
| Unit 3           | 3.79        | 68.40         | 180      | 109      | 117      |
| Unit 4           | 4.29        | 72.17         | 195      | 158      | 191      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 5.01        | 81.18         | 245      | 162      | 240      |
| Unit 7           | 4.90        | 85.53         | 248      | 157      | 190      |
|                  | 18.00       | 320.02        |          |          | 738      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.76        | 61.15         | 168      | 139      | 160      |
| Unit 2           | 3.61        | 59.78         | 158      | 139      | 150      |
| Unit 3           | 4.78        | 76.22         | 209      | 168      | 200      |
| Unit 4           | 3.61        | 74.53         | 196      | 64       | 80       |
| Unit 5           | 10.52       | 175.66        | 487      | 365      | 450      |
| Unit 6           | 10.26       | 167.39        | 465      | 360      | 450      |
| Unit 7           | 10.17       | 159.86        | 450      | 353      | 450      |
|                  | 46.70       | 774.59        |          |          | 1940     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 5.03        | 80.72         | 235      | 155      | 230      |
| Unit 4           | 4.32        | 80.71         | 213      | 134      | 140      |
|                  | 9.35        | 161.43        |          |          | 370      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.89        | 79.30         | 215      | 170      | 210      |
| Unit 2           | 4.47        | 69.96         | 204      | 163      | 195      |
| Unit 3           | 4.70        | 75.58         | 210      | 180      | 180      |
| Unit 4           | 4.21        | 60.92         | 186      | 150      | 160      |
|                  | 18.27       | 285.75        |          |          | 745      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 0.00        | 11.86         | 0        | 0        | 0        |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 4.65        | 64.80         | 210      | 170      | 200      |
| Unit 4           | 3.81        | 72.88         | 200      | 0        | 200      |
| Unit 5           | 4.40        | 57.96         | 196      | 160      | 190      |
|                  | 12.86       | 207.50        |          |          | 590      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.06        | 38.24         | 70       | 35       | 600      |
| Stage 4          | 0.00        | 17.06         | 0        | 0        | 0        |
| Stage 3          | 0.26        | 12.22         | 132      | 0        | 320      |
|                  | 1.32        | 67.52         |          |          | 920      |
| Kovna 12&4 Total | 1.06        | 55.30         |          |          | 600      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       |          | 15.83       | 262.83        | 683      | 636      | 630      |
|                 |          | 15.83       | 262.83        |          |          | 630      |
| Hydro           |          |             |               |          |          |          |
| KDPH            |          | 0.00        | 1.37          | 0        | 0        | 0        |
| VTRNA           |          | 0.00        | 0.00          | 0        | 0        | 0        |
| TILLARI         |          | 0.38        | 6.34          | 60       | 0        | 60       |
| BHTGR/VEER      |          | 0.17        | 2.00          | 7        | 7        | 7        |
| BHIRA T.R.      |          | 0.24        | 3.12          | 70       | 0        | 80       |
| RNGR+BHTSA      |          | 0.41        | 6.95          | 17       | 17       | 18       |
| BHANDARDRA      |          | 0.00        | 0.93          | 0        | 0        | 0        |
| ELDARY          |          | 0.36        | 3.10          | 16       | 14       | 15       |
| SMLHY PTN       |          | 1.21        | 12.51         | 60       | 46       | 11       |
| GHATGHAR        |          | 0.28        | 17.68         | 165      | 0        | 0        |
|                 |          | 3.03        | 54.00         |          |          | 191      |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      |          | 0.16        | 3.39          | 47       | 0        |          |
|                 |          | 0.16        | 3.39          |          |          |          |
| Wind            |          |             |               |          |          |          |
| MalharPeth      |          | 0.09        | 2.39          |          |          |          |
| Vankuswadi      |          | 0.20        | 6.82          |          |          |          |
| ATIT            |          | 0.03        | 1.50          |          |          |          |
| Kale            |          | 0.05        | 2.26          |          |          |          |
| Satara          |          | 0.05        | 4.32          |          |          |          |
| Shirala         |          | 0.08        | 2.59          |          |          |          |
| K Mahankal      |          | 0.14        | 3.78          |          |          |          |
| Supa            |          | 0.06        | 1.75          |          |          |          |
| Vita            |          | 0.68        | 13.31         |          |          |          |
| Dondaicha       |          | 0.54        | 10.81         |          |          |          |
| Sakri           |          | 0.09        | 1.71          |          |          |          |
| Nandurbar       |          | 0.05        | 1.11          |          |          |          |
| Khandke         |          | 0.25        | 3.97          |          |          |          |
| Khaparale       |          | 0.19        | 2.00          |          |          |          |
|                 |          | 2.48        | 58.32         |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       |          | 13.34       | 200.83        |          |          |          |
|                 |          | 13.34       | 200.83        |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           |          | 36.34       | 588.14        | 1567     | 1454     | 1560     |
|                 |          | 36.34       | 588.14        |          |          | 1560     |
| Tata            |          |             |               |          |          |          |
| Trombay 4       |          | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       |          | 9.42        | 165.74        | 490      | 260      | 500      |
| Trombay 6       |          | 3.60        | 70.12         | 150      | 150      | 500      |
| Trombay 7A      |          | 2.98        | 50.25         | 128      | 119      | 120      |
| Trombay 7B      |          | 1.63        | 25.97         | 69       | 67       | 60       |
| Trombay 8       |          | 4.74        | 88.27         | 252      | 0        | 250      |
| TATA Hydro      |          | 3.52        | 53.30         | 346      | 0        | 447      |
|                 |          | 25.90       | 453.66        |          |          | 1877     |
| REL             |          |             |               |          |          |          |
| 1&2             |          | 12.67       | 159.36        | 530      | 526      | 500      |
|                 |          | 12.67       | 159.36        |          |          | 500      |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          |          | 3282     |
|                 |          |             |               |          |          | 3282     |
| MS PG CL        | Thermal  | 125.70      | 2141.20       |          |          | 5223     |
|                 | Thml+Gas | 141.52      | 2404.03       |          |          | 5853     |
|                 | Hydro    | 4.35        | 121.53        |          |          | 1111     |
|                 | Total    | 145.88      | 2525.56       |          |          | 6964     |
| State Total     |          | 236.77      | 3989.25       |          |          | 14183    |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 17/Dec/2010

| TIME<br>SR.<br>NO. | MSPGCL GEN. |      |       | TOTAL  | RGPPL | WIND | CPP /<br>IPP | CS<br>SHARE | CS<br>RECPT | Mum<br>SCH. | Mum<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | # LOAD<br>SHED. | MSEDCL<br>DEMAND<br>WITH LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM.<br>WITH LS | FREQ.<br>(Hz) |
|--------------------|-------------|------|-------|--------|-------|------|--------------|-------------|-------------|-------------|---------------------|-------------------------|-----------------|-----------------------------|-------------------------|--------------------------|---------------|
|                    | THM         | HY   | GAS   |        |       |      |              |             |             |             |                     |                         |                 |                             |                         |                          |               |
| 1                  | 4629        | 130  | 672   | 5431   | 1454  | 150  | 486          | 2434        | 1727        | -18         | -32                 | 9216                    | 0               | 9216                        | 1315                    | 10531                    | 49.88         |
| 2                  | 4651        | 125  | 675   | 5451   | 1457  | 158  | 486          | 2156        | 1522        | 82          | 65                  | 9139                    | 0               | 9139                        | 1224                    | 10363                    | 49.94         |
| 3                  | 4600        | 125  | 683   | 5408   | 1461  | 192  | 485          | 2103        | 1615        | 82          | 94                  | 9255                    | 0               | 9255                        | 1196                    | 10451                    | 50.05         |
| 4                  | 4644        | 130  | 678   | 5452   | 1460  | 208  | 492          | 2191        | 1789        | 59          | 76                  | 9477                    | 0               | 9477                        | 1213                    | 10690                    | 50.07         |
| 5                  | 4963        | 125  | 681   | 5769   | 1454  | 190  | 487          | 2362        | 1801        | 59          | 59                  | 9760                    | 0               | 9760                        | 1231                    | 10991                    | 49.85         |
| 6                  | 5241        | 125  | 679   | 6045   | 1461  | 194  | 512          | 2564        | 2320        | 59          | 31                  | 10563                   | 0               | 10563                       | 1261                    | 11824                    | 49.84         |
| 7                  | 5318        | 135  | 681   | 6134   | 1546  | 184  | 626          | 2771        | 2246        | 54          | 30                  | 10766                   | 441             | 11207                       | 1402                    | 12609                    | 49.79         |
| 8                  | 5449        | 126  | 680   | 6255   | 1561  | 186  | 634          | 2866        | 2734        | -43         | -20                 | 11350                   | 1943            | 13293                       | 1496                    | 14789                    | 49.79         |
| 9                  | 5551        | 197  | 672   | 6420   | 1550  | 135  | 633          | 2937        | 2839        | -138        | -119                | 11458                   | 2466            | 13924                       | 1723                    | 15647                    | 49.54         |
| 10                 | 5434        | 225  | 662   | 6321   | 1543  | 100  | 630          | 3174        | 3018        | -248        | -209                | 11403                   | 2792            | 14195                       | 2032                    | 16227                    | 49.61         |
| 11                 | 5258        | 255  | 659   | 6172   | 1535  | 77   | 632          | 3367        | 3124        | -316        | -272                | 11268                   | 3106            | 14374                       | 2168                    | 16542                    | 49.64         |
| 12                 | 5305        | 269  | 644   | 6218   | 1521  | 44   | 627          | 3367        | 3071        | -316        | -273                | 11228                   | 2974            | 14202                       | 2191                    | 16393                    | 49.55         |
| 13                 | 5487        | 125  | 642   | 6254   | 1527  | 21   | 631          | 3364        | 3247        | -316        | -283                | 11420                   | 3028            | 14448                       | 2107                    | 16555                    | 49.66         |
| 14                 | 5557        | 130  | 636   | 6323   | 1528  | 20   | 515          | 3370        | 3093        | -316        | -268                | 11221                   | 2917            | 14138                       | 2069                    | 16207                    | 49.69         |
| 15                 | 5363        | 125  | 637   | 6125   | 1530  | 22   | 516          | 3230        | 3336        | -316        | -272                | 11257                   | 3143            | 14400                       | 2085                    | 16485                    | 49.81         |
| 16                 | 5298        | 135  | 644   | 6077   | 1526  | 27   | 501          | 3043        | 2904        | -266        | -223                | 10812                   | 3438            | 14250                       | 2044                    | 16294                    | 49.70         |
| 17                 | 5307        | 125  | 641   | 6073   | 1538  | 31   | 553          | 3042        | 2879        | -266        | -228                | 10846                   | 3390            | 14236                       | 2070                    | 16306                    | 49.84         |
| 18                 | 5391        | 260  | 638   | 6289   | 1535  | 54   | 585          | 3042        | 2546        | -266        | -226                | 10783                   | 3638            | 14421                       | 2087                    | 16508                    | 49.70         |
| 19                 | 5531        | 566  | 645   | 6742   | 1540  | 93   | 583          | 3088        | 2475        | -363        | -352                | 11108                   | 3981            | 15089                       | 2222                    | 17311                    | 49.75         |
| 20                 | 5467        | 351  | 647   | 6465   | 1544  | 93   | 581          | 3268        | 2523        | -411        | -385                | 10845                   | 3553            | 14398                       | 2216                    | 16614                    | 49.72         |
| 21                 | 5427        | 194  | 650   | 6271   | 1551  | 84   | 583          | 3221        | 2260        | -363        | -361                | 10435                   | 3380            | 13815                       | 2092                    | 15907                    | 49.79         |
| 22                 | 5419        | 124  | 660   | 6203   | 1567  | 64   | 580          | 2950        | 2086        | -316        | -321                | 10193                   | 1175            | 11368                       | 1824                    | 13192                    | 50.10         |
| 23                 | 5312        | 124  | 661   | 6097   | 1474  | 76   | 492          | 2836        | 2165        | -322        | -320                | 9984                    | 0               | 9984                        | 1733                    | 11717                    | 49.87         |
| 24                 | 5094        | 124  | 662   | 5880   | 1479  | 79   | 489          | 2534        | 1744        | -168        | -162                | 9509                    | 0               | 9509                        | 1537                    | 11046                    | 50.14         |
| MUs                | 125.70      | 4.35 | 15.83 | 145.88 | 36.34 | 2.48 | 13.34        | 69.28       | 59.06       | -4.37       | -3.97               | 253.30                  | 45.36           | 298.66                      | 42.54                   | 341.20                   | 49.81         |

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 for export)  
# Without Applying Load Diversity Factor

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 17/Dec/2010**

Position as on 6.30 Hrs of 18/Dec/2010

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                                                   | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|--------------------------------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                                                    |               |
| Cent_Sect KARPR1        | 220      | 01/07/2008   | 00:10        |            | Continued. | COH(En-Mass Coolant Clanel Replacement)                            | 30/12/2010    |
| Parli Unit 5            | 210      | 19/11/2010   | 01.05        |            | Continued. | Annual Overhaul                                                    | 20/12/2010    |
| Nasik Unit 2            | 125      | 23/11/2010   | 00.40        |            | Continued. | Annual Overhaul.                                                   | 30/12/2010    |
| Cent_Sect NTPC(K-6)     | 500      | 02/12/2010   | 7:44         |            | Continued. | Annual Overhaul                                                    | 31/12/2010    |
| Parli Unit 2            | 30       | 11/12/2010   | 23.51        |            | Continued. | Annual Overhaul.                                                   |               |
| Koyna ST-IV 1           | 250      | 17/12/2010   | 00.05        |            | Continued. | For inspection of 4B junction gates and attending leakages if any. | 18/12/2010    |
| Koyna ST - IV 4         | 250      | 17/12/2010   | 00.05        |            | Continued. | For inspection of 4B junction gates and attending leakages if any. | 18/12/2010    |
| Koyna ST-IV 2           | 250      | 17/12/2010   | 00.05        |            | Continued. | For inspection of 4B junction gates and attending leakages if any. | 18/12/2010    |
| Koyna ST - IV 3         | 250      | 17/12/2010   | 00.05        |            | Continued. | For inspection of 4B junction gates and attending leakages if any. | 18/12/2010    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                                                    |               |
| Uran Unit 2             | 60       | 04/10/2008   | 19.00        |            | Continued. | Gas Restriction                                                    |               |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                                                    |               |
| Uran Unit 3             | 60       | 16/06/2010   | 19.52        |            | Continued. | R.M.Work.                                                          |               |
| Dabhol 2A               | 230      | 12/07/2010   | 01.55        |            | Continued. | Tripped due to Electrical Fault                                    | 20/12/2010    |
| Paras Unit 2            | 55       | 16/11/2010   | 23.00        |            | Continued. | Boiler tube validity expired.                                      | 25/12/2010    |
| Koradi Unit 4           | 115      | 12/12/2010   | 22.20        |            | Continued. | Bearing Vibration.                                                 |               |
| Parli Unit 1            | 30       | 15/12/2010   | 04.31        |            | Continued. | W/Dn.                                                              |               |
| Nasik Unit 1            | 125      | 15/12/2010   | 07.35        |            | Continued. | Boiler tube leakage.                                               | 18/12/2010    |
| Bhusawal Unit 1         | 58       | 15/12/2010   | 10.40        |            | Continued. | Coal Mill problem.                                                 | 19/12/2010    |
| Bhusawal Unit 2         | 210      | 15/12/2010   | 15.02        | 17/12/2010 | 06.40      | ID fan problem.                                                    |               |
| Nasik Unit 4            | 210      | 17/12/2010   | 09.34        | 17/12/2010 | 11.34      | D.C. Supply Failure.                                               |               |
| Bhusawal Unit 2         | 210      | 17/12/2010   | 14.02        |            | Continued. | Air Heater problem.                                                | 18/12/2010    |
| Tata Trombay 8          | 250      | 17/12/2010   | 21.35        | 18/12/2010 | 03.04      | P.A. Hydropressure Low.                                            |               |
| Koradi Unit 3           | 105      | 17/12/2010   | 22.11        |            | Continued. | Heavy Hydrogen leakage.                                            | 22/12/2010    |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 17/Dec/2010**

Position as on 6.30 Hrs of 18/Dec/2010

| Name of Line                                      | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                 |
|---------------------------------------------------|--------------|--------------|-----------------------------------|--------------------|------------------------------------------------------------------|
| <b>InterState</b>                                 |              |              |                                   |                    |                                                                  |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                  |
| Wardha - Akola - II                               | 15/12/2010   | 21.41        |                                   | Continued.         | Over Voltage.                                                    |
| Dhule-Sar'Sarovar - I                             | 15/12/2010   | 22.04        |                                   | Continued.         | Over Voltage.                                                    |
| Kolhapur - Mapusa - I                             | 16/12/2010   | 22.01        |                                   | Continued.         | Over Voltage.                                                    |
| Dhule-Sar'Sarovar - II                            | 16/12/2010   | 23.34        |                                   | Continued.         | For Over Voltage.                                                |
| <b>IntraState</b>                                 |              |              |                                   |                    |                                                                  |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                  |
| 50 MVAR Reactor of Chandrpur - Parli - II @ Parli | 12/08/2009   | 10.15        |                                   | Continued.         | Bushing Problem.                                                 |
| Main Bus - I @ Kolhapur                           | 14/12/2010   | 15.02        |                                   | Continued.         | Isolator alignment and testing work.                             |
| 400/220KV 315MVA ICT-II @ Kharghar                | 15/12/2010   | 10.00        | 17/12/2010                        | 13:05              | Own brkr of ICT II for CB testing taken on TBC                   |
| Kolhapur TBC                                      | 15/12/2010   | 13.15        |                                   | Continued.         | CT tan delta testing work.                                       |
| M.B-II At 400KV Parli                             | 16/12/2010   | 05.45        | 17/12/2010                        | 20.05              | Gear Box replacement.                                            |
| Karad-Lamboti                                     | 16/12/2010   | 08.11        | 17/12/2010                        | 06.45              | Errection of tower at Loc.321 for 400KV Jaigad-Karad D/C line.   |
| Dabhol - New Koyna - I                            | 16/12/2010   | 11.20        | 17/12/2010                        | 10.13              | For attending sparking at 29A isolator(Line taken on TBC)        |
| 400/220KV 315 MVA ICT-II @ Padgha                 | 17/12/2010   | 09.10        | 17/12/2010                        | 18.49              | Bay Maint.and attending Hot Spot                                 |
| 400/220 KV 300 MVA ICT-I @ Koradi                 | 17/12/2010   | 11.51        | 17/12/2010                        | 15.11              | Oil Top up work                                                  |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                  |
| Kalwa-Mahape                                      | 27/11/2010   | 15.17        |                                   | Continued.         | Strenginging Work of Mumbai System.                              |
| 220/100KV 125 MVA ICT-III @ Kalwa                 | 14/12/2010   | 08.39        |                                   | Continued.         | For augumentation from 125MVA to 200MVA.                         |
| Babaleshwar - Chalisgaon                          | 15/12/2010   | 13.42        |                                   | Continued.         | Conversion of S/C to D/C(Six month outage.)                      |
| Nasik-Raymond                                     | 16/12/2010   | 09.35        |                                   | Continued.         | Relay retrofitting work.                                         |
| Pedambe-Tambati                                   | 17/12/2010   | 08.40        | 17/12/2010                        | 18.10              | Replacement of Earth Wire                                        |
| Mudshini - Talangade - II                         | 17/12/2010   | 09.50        | 17/12/2010                        | 19.05              | Replacement of Insulators                                        |
| 220/22KV 50 MVA T/F- II @ Kandalgaon              | 17/12/2010   | 10.51        | 17/12/2010                        | 13.33              | To attend Oil Leakage                                            |
| <b>Voltage Level : 132KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                  |
| TBC AT 400KV Bhusawal-II                          | 15/12/2010   | 08.55        | 17/12/2010                        | 17.10              | Replacement of Aux.bus isolator.                                 |
| Boiser - MIDC                                     | 17/12/2010   | 09.04        | 17/12/2010                        | 18.40              | Replacement of Conductor                                         |
| Harsul-I - Padegaon                               | 17/12/2010   | 11.00        | 17/12/2010                        | 15.10              | Q.M.Work                                                         |
| <b>Voltage Level : 100KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                  |
| Kalwa-Kalyan                                      | 17/12/2010   | 08.29        | 17/12/2010                        | 11.57              | Bus Outage                                                       |
| Bus Section Breaker at Kalwa                      | 17/12/2010   | 08.36        | 17/12/2010                        | 11.50              | Bay Maint.Work                                                   |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                                  |
| Badnera - Akola - I                               | 15/12/2010   | 22.52        |                                   | Continued.         | To attend main CB air pressure leakage problem.Ckt taken on TBC. |
| 220/132KV 100MVA ICT-II at Parli-I                | 17/12/2010   | 09.21        | 17/12/2010                        | 12.15              | To attend Oil Leakage                                            |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 17/Dec/2010**

Position as on 6.30 Hrs of 18/Dec/2010

| Name of Line                                     | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                   |
|--------------------------------------------------|--------------|--------------|---------------------------------|--------------------|------------------------------------|
| 220/66KV 150 MVA ICT- II @ Gadchandur            | 17/12/2010   | 11.08        | 17/12/2010                      | 15.56              | To attend Hot Spot                 |
| 220/33 KV 50 MVA T/F I @ Boisar II               | 17/12/2010   | 11.45        | 17/12/2010                      | 16.55              | To attend Hot Spot                 |
| <b>Voltage Level : 400KV</b>                     |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                    |
| 400/11.5KV 90 MVA STN T/F- V @ 400 KV Chandrapur | 12/12/2010   | 08.00        |                                 | Continued.         | To attend Oil Leakage              |
| Lonikand- Koyna Stage IV                         | 17/12/2010   | 00.30        | 17/12/2010                      | 06.43              | For Over Voltage.                  |
| Karad - Kolhapur - I                             | 17/12/2010   | 21.19        | 18/12/2010                      | Continued.         | Over Voltage                       |
| Bhusawal- Aurangabad                             | 17/12/2010   | 22.30        | 18/12/2010                      | 05.53              | Over Voltage                       |
| Lonikand- Koyna Stage IV                         | 17/12/2010   | 23.05        | 18/12/2010                      | 06.35              | Over Voltage                       |
| New Koyna - Koyna Stage IV - II                  | 17/12/2010   | 23.55        |                                 | Continued.         | Over Voltage                       |
| <b>Voltage Level : 100KV</b>                     |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                    |
| Kalwa - Salshet - I                              | 12/12/2010   | 16.30        |                                 | Continued.         | Hand Tripped, From Kalwa End.      |
| <b>Voltage Level : 400KV</b>                     |              |              | <b>Outage Type TRIPPED</b>      |                    |                                    |
| Karad-Kolhapur-II                                | 16/12/2010   | 23.57        | 17/12/2010                      | 06.42              | Over Voltage.                      |
| New Koyna - Koyna Stage IV - II                  | 16/12/2010   | 23.57        | 17/12/2010                      | 07.54              | Over Voltage.                      |
| <b>Voltage Level : 220KV</b>                     |              |              | <b>Outage Type TRIPPED</b>      |                    |                                    |
| 220/132 KV 100 MVA ICT @ Shahada                 | 29/11/2010   | 16.10        |                                 | Continued.         | Main buchholz protection operated. |
| 220/33 KV 100 MVA ICT IV at Jamde                | 01/12/2010   | 12.42        |                                 | Continued.         | T/F declared as Failed.            |
| Kandalgaon-Lonand                                | 18/12/2010   | 05.30        | 18/12/2010                      | 05.55              | Distance Protection                |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 18/Dec/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 70          |
| Unit 2             | 105                   | 70          |
| Unit 3             | 105                   | 0           |
| Unit 4             | 105                   | 0           |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 130         |
| Unit 7             | 210                   | 150         |
|                    | <b>1040</b>           | <b>570</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 0           |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 190         |
|                    | <b>478</b>            | <b>190</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 0           |
| Unit 2             | 30                    | 0           |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 155         |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 225         |
| Unit 7             | 250                   | 240         |
|                    | <b>1190</b>           | <b>800</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 165         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 205         |
| Unit 4             | 210                   | 175         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>2045</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 0           |
| Unit 3             | 250                   | 210         |
| Unit 4             | 250                   | 200         |
|                    | <b>555</b>            | <b>410</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 210         |
| Unit 2             | 210                   | 210         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 180         |
|                    | <b>840</b>            | <b>800</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 0           |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 175         |
| Unit 4             | 210                   | 170         |
| Unit 5             | 210                   | 185         |
|                    | <b>870</b>            | <b>530</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 0           |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>920</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 465         |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
|                   | <b>852</b>            | <b>465</b>  |
| <b>Hydro</b>      |                       |             |
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 7           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 17          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 15          |
| SMLHY PTN         | 12                    | 11          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>190</b>  |
| <b>PENCH (MS)</b> |                       |             |
| Pench (MS)        | 53                    |             |
|                   | <b>53</b>             |             |
| <b>Wind</b>       |                       |             |
| MalharPeth        | 0                     |             |
| Vankuswadi        | 0                     |             |
| ATIT              | 0                     |             |
| Kale              | 0                     |             |
| Satara            | 0                     |             |
| Shirala           | 0                     |             |
| K Mahankal        | 0                     |             |
| Supa              | 0                     |             |
| Vita              | 0                     |             |
| Dondaicha         | 0                     |             |
| Sakri             | 0                     |             |
| Nandurbar         | 0                     |             |
| Khandke           | 0                     |             |
| Khaparale         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>CPP</b>        |                       |             |
| TOTAL CPP         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>Dabhol</b>     |                       |             |
| RGPPL             | 960                   | 1560        |
|                   | <b>960</b>            | <b>1560</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 490         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1867</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3034        |
|                   | <b>3143</b>           | <b>3034</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17376</b> | 7 of 7 | <b>13881</b> |
|--|--------------|--------|--------------|