



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**12/May/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 12/May/2011 THURSDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 120.720        | 1404.449        | 1) Madhya Pradesh              | 59.491         | 738.147         |
| 2) Hydro                 | 19.759         | 180.530         | 2) Gujrat                      | 31.861         | 349.959         |
| 3) Gas                   | 15.399         | 184.446         | 3) Goa                         | -7.310         | -80.289         |
| <b>Total MSGENCO</b>     | <b>155.878</b> | <b>1769.425</b> | 4) TAPS 1&2 (Inj.)             | 7.883          | 86.753          |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.284         | -1.727          |
| 1) RGPPL Gas             | 35.044         | 412.867         | <b># Total Cent. Sector</b>    | <b>91.641</b>  | <b>1092.843</b> |
| 2) Wind Generation       | 14.013         | 146.817         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                   | 17.939         | 296.458         | 1) With TPCL (Excess)          | -11.444        | -138.654        |
| 4) PENCH (MS)            | 0.284          | 1.911           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 13.177         | 169.763         |
| 1) TPCL Thermal          | 27.847         | 330.423         | Include PX                     | 0.000          | 0.000           |
| 2) TPCL Hydro            | 4.641          | 39.959          | 2) MUMBAI Bilateral            | 12.335         | 149.642         |
| <b>TOTAL TPCL</b>        | <b>32.488</b>  | <b>370.382</b>  | Include PX                     | -0.572         | -5.163          |
| 3) REL Thermal           | 12.490         | 149.956         | 3) MUMBAI Schedule             | 12.335         | 149.642         |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 161.057        | 1884.828        | 1) MSEDCL                      | 303.355        | 3581.667        |
| 2) Hydro (A2+B3+C2)      | 24.684         | 222.400         | 2) TPCL                        | 37.464         | 434.797         |
| 3) Gas (A3+B1)           | 50.443         | 597.313         | 3) REL                         | 18.955         | 224.157         |
| 4) Wind (B2)             | 14.013         | 146.817         | <b>TOTAL STATE</b>             | <b>359.774</b> | <b>4240.621</b> |
| 5) CPP (B3)              | 17.939         | 296.458         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>268.136</b> | <b>3147.816</b> |                                |                |                 |

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

| PARTICULARS                      | A. Morning Peak at 12 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 3 Hrs |
|----------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                  | 4880                      | 5047                      | 5103                      |
| MSGENCO Hydro                    | 1312                      | 1194                      | 157                       |
| MSGENCO Gas                      | 625                       | 644                       | 644                       |
| <b>MSGENCO Total Generation</b>  | <b>6817</b>               | <b>6885</b>               | <b>5904</b>               |
| <b>Central Sector Receipt</b>    | <b>4255</b>               | <b>3842</b>               | <b>3508</b>               |
| <b>RGPPL</b>                     | <b>1498</b>               | <b>1614</b>               | <b>1301</b>               |
| <b>WIND</b>                      | <b>450</b>                | <b>487</b>                | <b>771</b>                |
| <b>CPP</b>                       | <b>774</b>                | <b>743</b>                | <b>760</b>                |
| <b>Exchange with Mumbai</b>      | <b>-675</b>               | <b>-590</b>               | <b>-221</b>               |
| <b>MSEDCL DEMAND MET</b>         | <b>13119</b>              | <b>12981</b>              | <b>12046</b>              |
| <b>Load Shedding (LS)</b>        | <b>311</b>                | <b>0</b>                  | <b>0</b>                  |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>13430</b>              | <b>12981</b>              | <b>12046</b>              |
| <b>TPCL GENERATION</b>           | <b>1650</b>               | <b>1491</b>               | <b>1077</b>               |
| <b>REL GENERATION</b>            | <b>521</b>                | <b>520</b>                | <b>520</b>                |
| <b>TPCL+REL DEMAND</b>           | <b>2846</b>               | <b>2601</b>               | <b>1818</b>               |
| <b>STATE DEMAND MET</b>          | <b>15965</b>              | <b>15582</b>              | <b>13864</b>              |
| <b>Load Management (LM)</b>      | <b>2295</b>               | <b>3538</b>               | <b>1451</b>               |
| <b>Total Load Relief (LS+LM)</b> | <b>2606</b>               | <b>3538</b>               | <b>1451</b>               |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>18571</b>              | <b>19120</b>              | <b>15315</b>              |
| <b>Frequency (Hz)</b>            | <b>49.73</b>              | <b>49.84</b>              | <b>49.85</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz |
|-----------------------|-----------------------|---------------|---------------------|
| 50.34 Hz at 07.05 Hrs | 49.29 Hz at 14.21 Hrs | 49.87         | 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 12/May/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.88        | 48.74         | 174      | 154      | 160      |
| Unit 6           | 4.24        | 52.27         | 195      | 162      | 170      |
| Unit 7           | 4.17        | 52.17         | 185      | 155      | 190      |
|                  | 12.29       | 153.18        |          |          | 520      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.51        | 30.10         | 160      | 130      | 180      |
| Unit 3           | 4.12        | 45.07         | 185      | 150      | 185      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        |          |
|                  | 7.62        | 75.18         |          |          | 365      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.28        | 43.13         | 155      | 103      | 160      |
| Unit 4           | 3.72        | 35.21         | 175      | 129      | 175      |
| Unit 5           | 3.55        | 40.24         | 163      | 126      | 165      |
| Unit 6           | 4.67        | 44.77         | 224      | 123      | 160      |
| Unit 7           | 4.85        | 58.91         | 232      | 144      | 220      |
|                  | 20.06       | 222.27        |          |          | 880      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.87        | 42.57         | 136      | 108      | 125      |
| Unit 2           | 2.86        | 28.46         | 140      | 106      | 130      |
| Unit 3           | 4.44        | 49.48         | 198      | 168      | 190      |
| Unit 4           | 4.11        | 46.68         | 181      | 152      | 180      |
| Unit 5           | 8.94        | 108.30        | 400      | 315      | 340      |
| Unit 6           | 9.55        | 101.91        | 440      | 310      | 440      |
| Unit 7           | 8.61        | 111.79        | 440      | 306      | 425      |
|                  | 41.38       | 489.20        |          |          | 1830     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.82        | 45.02         | 223      | 154      | 230      |
| Unit 4           | 3.52        | 52.84         | 235      | 100      | 200      |
|                  | 8.34        | 97.86         |          |          | 430      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.44        | 53.50         | 205      | 150      | 180      |
| Unit 2           | 4.31        | 53.08         | 190      | 160      | 190      |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 5.28        | 61.23         | 222      | 213      | 210      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        |          |
|                  | 14.03       | 167.81        |          |          | 580      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.90        | 21.75         | 87       | 71       | 82       |
| Unit 2           | 1.97        | 23.77         | 89       | 74       | 81       |
| Unit 3           | 4.34        | 52.28         | 190      | 165      | 188      |
| Unit 4           | 4.37        | 49.79         | 202      | 156      | 185      |
| Unit 5           | 4.42        | 51.36         | 196      | 158      | 187      |
|                  | 16.99       | 198.95        |          |          | 723      |
| Uran             |             |               |          |          |          |
| All Units        | 15.40       | 184.45        | 659      | 622      | 620      |
|                  | 15.40       | 184.45        |          |          | 620      |
| Dabhol           |             |               |          |          |          |
| RGPPL            | 35.04       | 412.87        | 1624     | 1274     | 1285     |
|                  | 35.04       | 412.87        |          |          | 1285     |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 5.50        | 45.00         | 565      | 35       | 600      |
| Stage 4          | 7.32        | 68.11         | 838      | 0        | 250      |
| Stage 3          | 3.16        | 24.92         | 320      | 0        | 320      |
|                  | 15.99       | 138.04        |          |          | 1170     |
| Kovna 12&4 Total | 12.83       | 113.12        |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.42        | 5.06          | 18       | 17       | 18       |
| VTRNA           | 0.00        | 0.00          | 0        | 0        | 0        |
| TILLARI         | 0.00        | 0.00          | 0        | 0        | 0        |
| BHTGR/VEER      | 0.10        | 2.48          | 5        | 4        | 13       |
| BHIRA T.R.      | 0.23        | 1.91          | 81       | 0        | 80       |
| RNGR+BHTSA      | 0.32        | 3.85          | 14       | 13       | 14       |
| BHANDARDRA      | 0.77        | 9.20          | 32       | 32       | 32       |
| ELDARY          | 0.48        | 2.44          | 21       | 14       |          |
| SMLHY PTN       | 0.82        | 10.32         | 42       | 31       | 30       |
| GHATGHAR        | 0.64        | 7.22          | 125      | 0        |          |
|                 | 3.77        | 42.49         |          |          | 187      |
| PENCH (MS)      |             |               |          |          |          |
| Pench (MS)      | 0.28        | 1.91          | 26       | 0        |          |
|                 | 0.28        | 1.91          |          |          |          |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.33        | 3.23          |          |          |          |
| Vankuswadi      | 0.85        | 8.50          |          |          |          |
| ATIT            | 0.12        | 1.54          |          |          |          |
| Kale            | 0.27        | 3.15          |          |          |          |
| Satara          | 0.22        | 6.22          |          |          |          |
| Shirala         | 0.27        | 3.15          |          |          |          |
| K Mahankal      | 0.87        | 4.82          |          |          |          |
| Supa            | 0.14        | 1.32          |          |          |          |
| Vita            | 0.76        | 12.32         |          |          |          |
| Dondaicha       | 6.78        | 69.35         |          |          |          |
| Sakri           | 1.04        | 10.45         |          |          |          |
| Nandurbar       | 0.83        | 8.18          |          |          |          |
| Khandke         | 0.63        | 7.14          |          |          |          |
| Khaparale       | 0.91        | 7.45          |          |          |          |
|                 | 14.01       | 146.82        |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 7.25        | 144.52        | 337      | 295      | 275      |
| WARDHA          | 7.22        | 94.50         | 329      | 253      | 330      |
| Other CPPs      | 3.46        | 57.44         |          |          |          |
|                 | 17.94       | 296.46        |          |          | 605      |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 11.64       | 137.44        | 490      | 460      | 500      |
| Trombay 6       | 6.04        | 72.50         | 350      | 150      | 500      |
| Trombay 7A      | 2.88        | 34.54         | 122      | 116      | 120      |
| Trombay 7B      | 1.58        | 18.98         | 67       | 65       | 60       |
| Trombay 8       | 5.70        | 66.96         | 250      | 150      | 250      |
| TATA Hydro      | 4.64        | 39.96         | 426      | 0        | 447      |
|                 | 32.49       | 370.38        |          |          | 1877     |
| REL             |             |               |          |          |          |
| 1&2             | 12.49       | 149.96        | 522      | 518      | 500      |
|                 | 12.49       | 149.96        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 3256     |
|                 |             |               |          |          | 3256     |

|                |          |        |         |  |       |
|----------------|----------|--------|---------|--|-------|
| MS<br>PG<br>CL | Thermal  | 120.72 | 1404.45 |  | 5328  |
|                | Thml+Gas | 136.12 | 1588.90 |  | 5948  |
|                | Hydro    | 19.76  | 180.53  |  | 1357  |
|                | Total    | 155.88 | 1769.42 |  | 7305  |
| State Total    |          | 268.14 | 3147.82 |  | 14828 |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/May/2011

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL  | RGPPL | WIND  | CPP   | CS<br>SHARE | CS<br>RECPT | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | # LOAD<br>RELEIF<br>(LS+LM) | MSEDCL<br>DEMAN<br>D WITH<br>LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM.<br>WITH<br>LS+LM | FREQ.<br>(Hz) |
|--------------------|-------------|-------|-------|--------|-------|-------|-------|-------------|-------------|--------------|----------------------|-------------------------|-----------------------------|---------------------------------|-------------------------|--------------------------------|---------------|
|                    | THM         | HY    | GAS   |        |       |       |       |             |             |              |                      |                         |                             |                                 |                         |                                |               |
| 1                  | 5201        | 508   | 647   | 6356   | 1294  | 732   | 798   | 2993        | 3694        | -581         | -522                 | 12377                   | 2104                        | 12377                           | 2145                    | 16626                          | 49.86         |
| 2                  | 5022        | 193   | 646   | 5861   | 1295  | 821   | 763   | 2788        | 3831        | -377         | -355                 | 12238                   | 1979                        | 12238                           | 1953                    | 16170                          | 49.82         |
| 3                  | 5103        | 157   | 644   | 5904   | 1301  | 771   | 760   | 2682        | 3508        | -273         | -221                 | 12046                   | 1451                        | 12046                           | 1818                    | 15315                          | 49.85         |
| 4                  | 5105        | 153   | 656   | 5914   | 1310  | 740   | 733   | 2654        | 3519        | -242         | -167                 | 12072                   | 1528                        | 12072                           | 1746                    | 15346                          | 50.05         |
| 5                  | 5133        | 156   | 651   | 5940   | 1308  | 740   | 724   | 2658        | 3493        | -222         | -132                 | 12097                   | 1642                        | 12097                           | 1705                    | 15444                          | 49.95         |
| 6                  | 5193        | 331   | 659   | 6183   | 1309  | 703   | 748   | 2658        | 3668        | -187         | -182                 | 12452                   | 1839                        | 12452                           | 1762                    | 16053                          | 49.91         |
| 7                  | 5284        | 327   | 652   | 6263   | 1318  | 579   | 708   | 3077        | 3693        | -354         | -278                 | 12303                   | 2101                        | 12303                           | 1777                    | 16181                          | 49.98         |
| 8                  | 5234        | 322   | 652   | 6208   | 1312  | 390   | 718   | 3082        | 3982        | -364         | -316                 | 12311                   | 2116                        | 12326                           | 1845                    | 16272                          | 50.05         |
| 9                  | 5066        | 546   | 647   | 6259   | 1290  | 522   | 758   | 3090        | 4430        | -422         | -424                 | 12856                   | 2154                        | 12909                           | 2128                    | 17138                          | 50.01         |
| 10                 | 4922        | 864   | 632   | 6418   | 1274  | 346   | 753   | 3275        | 4351        | -489         | -518                 | 12634                   | 2250                        | 12713                           | 2492                    | 17376                          | 49.85         |
| 11                 | 4766        | 867   | 639   | 6272   | 1277  | 374   | 738   | 3540        | 4876        | -622         | -588                 | 12949                   | 2475                        | 13085                           | 2770                    | 18194                          | 49.84         |
| 12                 | 4880        | 1312  | 625   | 6817   | 1498  | 450   | 774   | 3541        | 4255        | -672         | -675                 | 13119                   | 2606                        | 13430                           | 2846                    | 18571                          | 49.73         |
| 13                 | 4841        | 1669  | 629   | 7139   | 1590  | 428   | 777   | 3541        | 3681        | -672         | -627                 | 12988                   | 3080                        | 13777                           | 2846                    | 18914                          | 49.71         |
| 14                 | 4951        | 1675  | 625   | 7251   | 1583  | 540   | 768   | 3507        | 3674        | -640         | -601                 | 13215                   | 2956                        | 13880                           | 2747                    | 18918                          | 49.67         |
| 15                 | 4908        | 1733  | 629   | 7270   | 1575  | 614   | 750   | 3407        | 3449        | -650         | -616                 | 13042                   | 2666                        | 13634                           | 2801                    | 18509                          | 49.56         |
| 16                 | 4862        | 1960  | 622   | 7444   | 1581  | 670   | 755   | 3313        | 3427        | -667         | -626                 | 13251                   | 2510                        | 13751                           | 2830                    | 18591                          | 49.60         |
| 17                 | 4749        | 1766  | 639   | 7154   | 1602  | 745   | 771   | 3329        | 3750        | -656         | -629                 | 13393                   | 2458                        | 13878                           | 2810                    | 18661                          | 49.84         |
| 18                 | 4812        | 649   | 642   | 6103   | 1615  | 731   | 714   | 3338        | 3882        | -582         | -533                 | 12512                   | 2632                        | 12866                           | 2720                    | 17864                          | 50.02         |
| 19                 | 4953        | 373   | 644   | 5970   | 1620  | 692   | 697   | 3193        | 3576        | -545         | -474                 | 12081                   | 3265                        | 12081                           | 2580                    | 17926                          | 50.06         |
| 20                 | 5047        | 1194  | 644   | 6885   | 1614  | 487   | 743   | 3266        | 3842        | -617         | -590                 | 12981                   | 3538                        | 12981                           | 2601                    | 19120                          | 49.84         |
| 21                 | 5128        | 1123  | 640   | 6891   | 1622  | 427   | 726   | 3313        | 4000        | -666         | -621                 | 13059                   | 3539                        | 13059                           | 2516                    | 19114                          | 49.93         |
| 22                 | 5204        | 607   | 646   | 6457   | 1624  | 453   | 751   | 3313        | 4016        | -666         | -604                 | 12723                   | 3539                        | 12723                           | 2389                    | 18651                          | 49.97         |
| 23                 | 5206        | 522   | 642   | 6370   | 1616  | 510   | 750   | 3115        | 3715        | -574         | -559                 | 12419                   | 3538                        | 12419                           | 2314                    | 18271                          | 49.80         |
| 24                 | 5150        | 752   | 647   | 6549   | 1616  | 548   | 762   | 3025        | 3329        | -594         | -586                 | 12237                   | 3135                        | 12237                           | 2281                    | 17653                          | 49.86         |
| MUs                | 120.7<br>2  | 19.76 | 15.40 | 155.88 | 35.04 | 14.01 | 17.94 | 75.70       | 91.64       | -12.34       | -11.44               | 303.36                  | 61.10                       | 307.33                          | 56.42                   | 420.88                         | 49.87         |

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 12/May/2011**

Position as on 6.30 Hrs of 13/May/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage          | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|---------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                           |               |
| Dabhol 1B               | 230      | 15/03/2011   | 02.37        |            | Continued. | Upgradation Work.         | 14/05/2011    |
| Khaparkheda Unit 3      | 210      | 25/04/2011   | 02.51        |            | Continued. | Annual overhaul.          | 25/05/2011    |
| Cent_Sect Kawas GT1A    | 106      | 05/05/2011   | 09.00        | 12/05/2011 | 07.59      | Inspection Work.          |               |
| Cent_Sect NTPC (V-1)    | 210      | 07/05/2011   | 00.46        |            | Continued. | A/OH                      | 19/06/2011    |
| Cent_Sect NTPC(K-5)     | 500      | 10/05/2011   | 00.00        |            | Continued. | Annual Overhaul           | 03/06/2011    |
| CPP JSW (J) U1          | 300      | 12/05/2011   | 00.24        |            | Continued. | Annual Overhaul.          | 27/05/2011    |
| Koyna Unit 10           | 80       | 13/05/2011   | 00.00        |            | Continued. | Annual Overhaul           | 25/05/2011    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                           |               |
| Cent_Sect NTPC(K-7)     | 500      | 11/05/2011   | 01.15        |            | Continued. | Fire in GT                | 21/05/2011    |
| Koyna ST - IV 4         | 250      | 11/05/2011   | 16.23        | 12/05/2011 | 18.10      | Stator Earth Fault        |               |
| Dabhol 3B               | 230      | 11/05/2011   | 17.14        | 12/05/2011 | 06.02      | Power Supply Disturnance. |               |
| Dabhol 3B               | 230      | 12/05/2011   | 07.59        | 12/05/2011 | 10.32      | Combution valve problem   |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 12/May/2011**

Position as on 6.30 Hrs of 13/May/2011

| Name of Line                                 | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                    |
|----------------------------------------------|--------------|--------------|-----------------------------------|-------------------|-----------------------------------------------------|
| <b>InterState</b>                            |              |              |                                   |                   |                                                     |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                     |
| Kolhapur - Mapusa - I                        | 11/05/2011   | 22.54        | 12/05/2011                        | 12.43             | Over Voltage.                                       |
| Dhule - S'Sarovar- II                        | 11/05/2011   | 22.57        |                                   | Continued.        | Over Voltage.                                       |
| <b>IntraState</b>                            |              |              |                                   |                   |                                                     |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                     |
| 400/220 KV 500 MVA ICT - II @ Jejuri         | 12/05/2011   | 00.53        | 12/05/2011                        | 01.56             | For Checking Oil Level of B Ph ICT-II Unit.         |
| 400/220 KV 500 MVA ICT-I @ Jejuri            | 12/05/2011   | 02.14        | 12/05/2011                        | 04.09             | To Attend Cooling Ckt Problem Maints. Testing Work. |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                     |
| Babaleshwar - Chalisgaon                     | 15/12/2010   | 13.42        |                                   | Continued.        | Conversion of S/C to D/C(6 MonthOutage.)            |
| Kharghar-Nerul                               | 06/05/2011   | 09.32        |                                   | Continued.        | Dismantling and erection of towers(upto 04.06.2011) |
| Padgha - Kalwa                               | 10/05/2011   | 09.30        |                                   | Continued.        | System strenghtening work.                          |
| Temghar-Colourchem                           | 10/05/2011   | 10.30        |                                   | Continued.        | Bunching of arrangement.                            |
| 220/6.6 KV,40 MVA Stn.T/F-III at Khaparkheda | 10/05/2011   | 16.16        |                                   | Continued.        | Overhauling Work.                                   |
| 220/100KV 125 MVA ICT-I @ Kalwa              | 11/05/2011   | 08.45        |                                   | Continued.        | Replacement of Old 3 Core C T's by 5 Core C T's.    |
| Pedambe - Pophali                            | 12/05/2011   | 08.25        | 12/05/2011                        | 11.35             | Bus Section-II outage at Pedambe                    |
| Pedambe - Tambati                            | 12/05/2011   | 08.28        | 12/05/2011                        | 12.00             | Bus Section-II outage at Pedambe                    |
| Pedambe - Karad                              | 12/05/2011   | 08.33        | 12/05/2011                        | 11.39             | Bus Section-II outage at Pedambe                    |
| Pedambe-Kharepatan                           | 12/05/2011   | 08.33        | 12/05/2011                        | 11.45             | Bus Section-II outage at Pedambe                    |
| Bus Section - II @ Pedambe                   | 12/05/2011   | 08.50        | 12/05/2011                        | 11.15             | To replace Jumper Stands                            |
| Chinchwad - Parvati                          | 12/05/2011   | 09.51        | 12/05/2011                        | 18.16             | Insulator work                                      |
| Apta-HOC                                     | 12/05/2011   | 09.55        | 12/05/2011                        | 19.36             | Hot Spot                                            |
| 220/132 KV 100MVA ICT I at Pusad             | 12/05/2011   | 10.27        | 12/05/2011                        | 16.35             | Oil Leakage of Y Phase CT                           |
| Yavatmal-Pusad                               | 12/05/2011   | 11.20        | 12/05/2011                        | 14.44             | Crimpping work for damaged Conductor                |
| Talangade - Mumewadi                         | 12/05/2011   | 13.02        | 12/05/2011                        | 18.27             | Hardware replacement work                           |
| <b>Voltage Level : 110KV</b>                 |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                     |
| Pedambe-- Ratnagiri                          | 12/05/2011   | 08.35        | 12/05/2011                        | 11.25             | Bus Section-II outage at Pedambe                    |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                     |
| 400/220KV 105MVA Spare ICT @ Parly-II        | 22/04/2011   | 13.50        |                                   | Continued.        | To remove trip coil assembly for bus coupler.       |
| Bus Coupler @ New Koyna                      | 12/05/2011   | 16.17        | 12/05/2011                        | 16.27             | Filling of SF6 Gas in C.B.                          |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                     |
| Warora-Hinganghat                            | 03/05/2011   | 05.51        | 12/05/2011                        | 16.20             | To attend Compressor prob(Ckt is on TBC)            |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                     |
| Bhusawal- Aurangabad                         | 09/05/2011   | 21.51        | 12/05/2011                        | 05.42             | Over Voltage.                                       |
| Bhusawal- Aurangabad                         | 12/05/2011   | 21.35        | 13/05/2011                        | 05.35             | Over Voltage                                        |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                     |
| Chandrapur-Warora - I                        | 27/04/2011   | 15.35        |                                   | Continued.        | To Control WRR-WRD & WRR-HGHAT Loading.             |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 12/May/2011**

Position as on 6.30 Hrs of 13/May/2011

| Name of Line                         | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                                                               |
|--------------------------------------|--------------|--------------|---------------------------------|--------------------|------------------------------------------------------------------------------------------------|
| Dhule-Chalisgaon                     | 29/04/2011   | 13.19        |                                 | Continued.         | To control Dhule ICT loading.                                                                  |
| Khaperkheda - Wardha.                | 02/05/2011   | 19.15        |                                 | Continued.         | To control Koradi ICT loading.                                                                 |
| Ambazari - Abhijeet                  | 02/05/2011   | 19.52        |                                 | Continued.         | To control Koradi ICT loading.                                                                 |
| Wardha-Abhijeet II                   | 05/05/2011   | 16.51        |                                 | Continued.         | To Control Koradi ICT Load.                                                                    |
| Aurangabad - Babaleshwar             | 07/05/2011   | 07.32        |                                 | Continued.         | To control A'bad ICT loading.                                                                  |
| Aurangabad - Bhenda                  | 07/05/2011   | 07.56        | 12/05/2011                      | 06.31              | To control A'bad ICT loading.                                                                  |
| Hingoli-Pusad                        | 12/05/2011   | 11.17        | 12/05/2011                      | 15.09              | In view of outage Y'Mal-Pusad line                                                             |
| Babaleshwar - Bhenda                 | 12/05/2011   | 11.35        |                                 | Continued.         | To control BBLSR ICT Load                                                                      |
| Usmanabad --Bale                     | 12/05/2011   | 16.40        | 12/05/2011                      | 18.12              | CT Testing at Bale end                                                                         |
| Bale-Murud                           | 12/05/2011   | 17.05        | 12/05/2011                      | 18.12              | CT Testing at Bale end                                                                         |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                                                |
| Supa - Shirur                        | 07/03/2011   | 15.15        |                                 | Continued.         | To control Lonikand ICT Load                                                                   |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                                                |
| Chandrapur - Parli - I               | 12/05/2011   | 10.12        | 12/05/2011                      | 11.02              | Distance Protection                                                                            |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                                                |
| 220/100KV 200MVA ICT-III at Kalwa    | 03/04/2011   | 16.00        |                                 | Continued.         | Buchholz Trip, Diff. Prot. operated, PRV tripped( Failed).                                     |
| 220/110KV 200MVA ICT-II at Mudshingi | 10/04/2011   | 18.10        |                                 | Continued.         | Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11) |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 13/May/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 170         |
| Unit 6             | 210                   | 170         |
| Unit 7             | 210                   | 180         |
|                    | <b>620</b>            | <b>520</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 185         |
| Unit 4             | 0                     |             |
|                    | <b>420</b>            | <b>365</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 160         |
| Unit 5             | 210                   | 145         |
| Unit 6             | 250                   | 205         |
| Unit 7             | 250                   | 225         |
|                    | <b>1130</b>           | <b>895</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 140         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 185         |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 430         |
| Unit 7             | 500                   | 435         |
|                    | <b>2340</b>           | <b>1930</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 200         |
| Unit 4             | 250                   | 230         |
|                    | <b>500</b>            | <b>430</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 200         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 210         |
| Unit 5             | 0                     |             |
|                    | <b>840</b>            | <b>610</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 90          |
| Unit 2             | 120                   | 90          |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 200         |
|                    | <b>870</b>            | <b>770</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 640         |
|                    | <b>852</b>            | <b>640</b>  |
| <b>Dabhol</b>      |                       |             |
| RGPP               | 1940                  | 1560        |
|                    | <b>1940</b>           | <b>1560</b> |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 18          |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 0           |
| BHTGR/VEER        | 21                    | 4           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 13          |
| BHANDARDRA        | 45                    | 32          |
| ELDARY            | 23                    | 20          |
| SMLHY PTN         | 12                    | 20          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>187</b>  |
| <b>PENCH (MS)</b> |                       |             |
| Pench (MS)        | 53                    |             |
|                   | <b>53</b>             |             |
| <b>Wind</b>       |                       |             |
| MalharPeth        | 0                     |             |
| Vankuswadi        | 0                     |             |
| ATIT              | 0                     |             |
| Kale              | 0                     |             |
| Satara            | 0                     |             |
| Shirala           | 0                     |             |
| K Mahankal        | 0                     |             |
| Supa              | 0                     |             |
| Vita              | 0                     |             |
| Dondaicha         | 0                     |             |
| Sakri             | 0                     |             |
| Nandurbar         | 0                     |             |
| Khandke           | 0                     |             |
| Khaparale         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>CPP</b>        |                       |             |
| JSW JAIGAD        | 600                   | 275         |
| WARDHA            | 405                   | 330         |
| Other CPPs        | 0                     |             |
|                   | <b>1005</b>           | <b>605</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                  | 3259        |
|                   | <b>3455</b>           | <b>3259</b> |