



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**31/Mar/2012**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 31/Mar/2012 SATURDAY**

| <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                | 130.145        | 3715.038        | 1) Gujrat                      | 7.011          | 282.516          |
| 2) Hydro                  | 6.449          | 259.136         | 2) Madhya Pradesh              | 22.827         | 683.956          |
| 3) Gas                    | 12.194         | 364.644         | 3) Chattisgarh                 | 11.200         | 390.720          |
| <b>Total MSGENCO</b>      | <b>148.788</b> | <b>4338.818</b> | 4) Maharashtra                 | 55.274         | 1640.122         |
| <b>B) OTHERS</b>          |                |                 | 5) Goa                         | -7.312         | -201.316         |
| 1) JSW JAIGAD             | 26.718         | 759.371         | 6) TAPS 1&2 Injection          | 7.776          | 223.719          |
| 2) WPCL                   | 8.304          | 245.592         | 7) RGPPL Injection             | 25.109         | 746.579          |
| 3) Other CPP / IPP        | 8.250          | 241.603         | 8) Pench (Excess)              | -0.378         | -9.006           |
| 4) Wind Generation        | 6.624          | 181.402         | <b># Total Cent. Sector</b>    | <b>121.507</b> | <b>3757.290</b>  |
| 5) PENCH (MS)             | 0.378          | 11.421          | <b>F) Other Exchanges</b>      |                |                  |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -9.124         | -234.139         |
| 1) TPCL Thermal           | 29.780         | 823.483         | <b>G) Bilateral Power *</b>    |                |                  |
| 2) TPCL Hydro             | 3.988          | 102.595         | 1) MSEDCL Bilateral            | 39.398         | 1245.701         |
| <b>TOTAL TPCL</b>         | <b>33.768</b>  | <b>926.078</b>  | Include PX                     | 0.000          | 54.071           |
| 3) REL Thermal            | 12.590         | 387.491         | 2) MUMBAI Bilateral            | 11.690         | 305.386          |
| <b>D) STATE</b>           |                |                 | Include PX                     | 0.668          | -24.132          |
| 1) Thermal (A1+C1+C3)     | 172.515        | 4926.012        | 3) MUMBAI Schedule             | 11.690         | 305.948          |
| 2) Hydro (A2+B5+C2)       | 10.815         | 373.152         | <b>H) ENERGY CATERED (MUs)</b> |                |                  |
| 3) Gas (A3)               | 12.194         | 364.644         | 1) MSEDCL                      | 311.445        | 9301.358         |
| 4) Wind (B4)              | 6.624          | 181.402         | 2) TPCL                        | 36.779         | 1038.611         |
| 5) CPP (B1+B2+B3)         | 43.272         | 1246.566        | 3) REL                         | 18.699         | 509.076          |
| <b>TOTAL STATE</b>        | <b>245.420</b> | <b>7091.776</b> | <b>TOTAL STATE</b>             | <b>366.923</b> | <b>10849.045</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 5485                             | 5382                             | 5456                             |
| MSGENCO Hydro                   | 493                              | 216                              | 152                              |
| MSGENCO Gas                     | 478                              | 516                              | 496                              |
| <b>MSGENCO Total Generation</b> | <b>6456</b>                      | <b>6114</b>                      | <b>6104</b>                      |
| <b>Central Sector Receipt</b>   | <b>5445</b>                      | <b>4934</b>                      | <b>4483</b>                      |
| <b>WIND</b>                     | <b>149</b>                       | <b>142</b>                       | <b>510</b>                       |
| <b>CPP / IPP</b>                | <b>1798</b>                      | <b>1828</b>                      | <b>1697</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-361</b>                      | <b>-407</b>                      | <b>-370</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>13513</b>                     | <b>12611</b>                     | <b>12424</b>                     |
| <b>Load Shedding</b>            | <b>1626</b>                      | <b>1668</b>                      | <b>383</b>                       |
| <b>MSEDCL DEMAND</b>            | <b>15139</b>                     | <b>14279</b>                     | <b>12807</b>                     |
| <b>TPCL GENERATION</b>          | <b>1861</b>                      | <b>1752</b>                      | <b>852</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>525</b>                       | <b>521</b>                       | <b>526</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2747</b>                      | <b>2680</b>                      | <b>1748</b>                      |
| <b>STATE DEMAND MET</b>         | <b>16260</b>                     | <b>15291</b>                     | <b>14172</b>                     |
| <b>STATE DEMAND</b>             | <b>17886</b>                     | <b>16959</b>                     | <b>14555</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.96</b>                     | <b>50.04</b>                     | <b>49.90</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.52 Hz at 17:02 Hrs</b> | <b>49.33 Hz at 19:09 Hrs</b> | <b>49.92</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 31/Mar/2012

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.54        | 62.05         | 154      | 133      | 155      |
| Unit 6           | 3.86        | 103.34        | 167      | 150      | 160      |
| Unit 7           | 4.00        | 95.16         | 180      | 125      | 145      |
| Total            | 11.40       | 260.54        |          |          | 460      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 4.04        | 111.00        | 185      | 155      | 180      |
| Unit 3           | 4.51        | 133.90        | 195      | 175      | 190      |
| Unit 4           | 0.00        | 18.17         | 0        | 0        | 0        |
| Total            | 8.54        | 263.06        |          |          | 370      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 66.41         | 0        | 0        | 0        |
| Unit 4           | 3.86        | 124.86        | 180      | 135      | 180      |
| Unit 5           | 4.02        | 113.57        | 178      | 132      | 175      |
| Unit 6           | 4.53        | 132.22        | 221      | 170      | 170      |
| Unit 7           | 3.53        | 98.35         | 207      | 93       | 175      |
| Total            | 15.94       | 535.41        |          |          | 700      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 40.24         | 0        | 0        | 0        |
| Unit 2           | 3.86        | 123.12        | 167      | 146      | 170      |
| Unit 3           | 4.61        | 116.67        | 197      | 181      | 190      |
| Unit 4           | 4.77        | 145.35        | 204      | 160      | 210      |
| Unit 5           | 10.94       | 271.99        | 475      | 420      | 475      |
| Unit 6           | 9.49        | 330.59        | 456      | 300      | 450      |
| Unit 7           | 10.83       | 321.43        | 472      | 438      | 450      |
| Total            | 44.49       | 1349.38       |          |          | 1945     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.04        | 169.07        | 245      | 182      | 180      |
| Unit 4           | 5.30        | 141.76        | 253      | 177      | 189      |
| Total            | 10.34       | 310.82        |          |          | 369      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.98        | 146.98        | 215      | 185      | 210      |
| Unit 2           | 4.49        | 117.96        | 195      | 180      | 190      |
| Unit 3           | 5.04        | 134.09        | 223      | 180      | 200      |
| Unit 4           | 4.71        | 148.18        | 220      | 174      | 200      |
| Unit 5           | 5.46        | 7.04          | 315      | 138      | 0        |
| Total            | 24.68       | 554.25        |          |          | 800      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.97        | 154.10        | 215      | 200      | 210      |
| Unit 4           | 4.99        | 145.39        | 213      | 203      | 210      |
| Unit 5           | 4.79        | 142.07        | 213      | 190      | 200      |
| Total            | 14.75       | 441.57        |          |          | 620      |
| Uran             |             |               |          |          |          |
| All Units        | 12.19       | 364.64        | 564      | 478      | 490      |
| Total            | 12.19       | 364.64        |          |          | 490      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.38        | 11.42         | 50       | 0        | 0        |
| Total            | 0.38        | 11.42         |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.50        | 68.90         | 255      | 40       | 520      |
| Stage 4          | 0.01        | 35.72         | 9        | 0        | 250      |
| Stage 3          | 0.00        | 22.48         | 0        | 0        | 320      |
| Total            | 1.50        | 127.10        |          |          | 1090     |
| Kovna 12&4 Total | 1.50        | 104.62        |          |          | 770      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.64        | 18.57         | 38       | 0        | 19       |
| VTRNA           | 0.65        | 2.80          | 61       | 0        | 60       |
| TILLARI         | 0.38        | 11.25         | 60       | 0        | 60       |
| BHTGR/VEER      | 0.09        | 7.07          | 4        | 3        | 4        |
| BHIRA T.R.      | 0.31        | 5.05          | 81       | 0        | 80       |
| RNGR+BHTSA      | 0.31        | 9.99          | 14       | 13       | 13       |
| BHANDARDRA      | 0.72        | 11.47         | 30       | 29       | 30       |
| ELDARY          | 0.00        | 8.30          | 0        | 0        | 0        |
| SMLHY PTN       | 0.96        | 28.74         | 40       | 39       | 0        |
| GHATGHAR        | 0.89        | 28.79         | 202      | 0        | 0        |
| Total           | 4.94        | 132.03        |          |          | 266      |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.18        | 7.86          |          |          |          |
| Vankuswadi      | 0.23        | 11.61         |          |          |          |
| ATIT            | 0.06        | 3.12          |          |          |          |
| Kale            | 0.15        | 5.16          |          |          |          |
| Satara          | 0.90        | 21.77         |          |          |          |
| Shirala         | 0.14        | 6.19          |          |          |          |
| K Mahankal      | 0.02        | 9.65          |          |          |          |
| Supa            | 0.17        | 4.29          |          |          |          |
| Vita            | 0.68        | 25.71         |          |          |          |
| Dondaicha       | 2.86        | 57.89         |          |          |          |
| Sakri           | 0.44        | 8.22          |          |          |          |
| Nandurbar       | 0.30        | 5.87          |          |          |          |
| Khandke         | 0.29        | 8.21          |          |          |          |
| Khaparale       | 0.21        | 5.85          |          |          |          |
| Total           | 6.62        | 181.40        |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 26.72       | 759.37        | 1189     | 1048     | 1065     |
| WARDHA          | 8.30        | 245.59        | 362      | 312      | 360      |
| Other CPPs      | 8.25        | 241.60        |          |          |          |
| Total           | 43.27       | 1246.57       |          |          | 1425     |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 10.94       | 326.66        | 503      | 295      | 500      |
| Trombay 6       | 8.34        | 215.23        | 501      | 156      | 500      |
| Trombay 7A      | 3.00        | 88.07         | 128      | 121      | 120      |
| Trombay 7B      | 1.65        | 48.42         | 70       | 68       | 60       |
| Trombay 8       | 5.85        | 145.10        | 250      | 202      | 250      |
| TATA Hydro      | 3.99        | 102.60        | 430      | 0        | 447      |
| Total           | 33.77       | 926.08        |          |          | 1877     |
| REL             |             |               |          |          |          |
| 1&2             | 12.59       | 387.49        | 526      | 521      | 500      |
| Total           | 12.59       | 387.49        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 5073     |
| Total           |             |               |          |          | 5073     |

|                    |              |               |                |  |              |
|--------------------|--------------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 130.14        | 3715.04        |  | 5264         |
|                    | Thml+Gas     | 142.34        | 4079.68        |  | 5754         |
|                    | Hydro        | 6.45          | 259.14         |  | 1356         |
|                    | <b>Total</b> | <b>148.79</b> | <b>4338.82</b> |  | <b>7110</b>  |
| <b>State Total</b> |              | <b>245.42</b> | <b>7091.78</b> |  | <b>15985</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 31/Mar/2012

| TIME<br>SR.<br>NO. | MSPGCL GEN. |      |       | TOTAL  | WIND | CPP /<br>IPP | CS<br>SHARE | CS<br>RECPT | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | LOAD<br>SHEDDI<br>NG | MSEDCL<br>DEMAND<br>WITH LS | TPCL + R<br>-INFRA<br>DEMAND | STATE<br>DEMAND | FREQ.<br>(Hz) |
|--------------------|-------------|------|-------|--------|------|--------------|-------------|-------------|--------------|----------------------|-------------------------|----------------------|-----------------------------|------------------------------|-----------------|---------------|
|                    | THM         | HY   | GAS   |        |      |              |             |             |              |                      |                         |                      |                             |                              |                 |               |
| 1                  | 5505        | 359  | 497   | 6361   | 429  | 1712         | 5011        | 4868        | -556         | -479                 | 12904                   | 179                  | 13083                       | 2130                         | 15213           | 49.71         |
| 2                  | 5475        | 139  | 496   | 6110   | 543  | 1712         | 4899        | 4644        | -438         | -348                 | 12661                   | 342                  | 13003                       | 1934                         | 14937           | 49.77         |
| 3                  | 5431        | 127  | 498   | 6056   | 511  | 1711         | 4706        | 4528        | -438         | -390                 | 12416                   | 372                  | 12788                       | 1823                         | 14611           | 49.80         |
| 4                  | 5456        | 152  | 496   | 6104   | 510  | 1697         | 4714        | 4483        | -438         | -370                 | 12424                   | 383                  | 12807                       | 1748                         | 14555           | 49.90         |
| 5                  | 5418        | 146  | 494   | 6058   | 509  | 1745         | 4687        | 4804        | -408         | -357                 | 12759                   | 396                  | 13155                       | 1729                         | 14884           | 49.90         |
| 6                  | 5386        | 361  | 491   | 6238   | 477  | 1788         | 4472        | 4905        | -241         | -295                 | 13113                   | 594                  | 13707                       | 1757                         | 15464           | 49.79         |
| 7                  | 5382        | 166  | 490   | 6038   | 517  | 1844         | 4708        | 4758        | -380         | -344                 | 12813                   | 1389                 | 14202                       | 1829                         | 16031           | 49.89         |
| 8                  | 5428        | 163  | 490   | 6081   | 376  | 1818         | 4722        | 4806        | -405         | -377                 | 12704                   | 1500                 | 14204                       | 1940                         | 16144           | 50.08         |
| 9                  | 5473        | 234  | 486   | 6193   | 277  | 1810         | 4804        | 4782        | -465         | -411                 | 12651                   | 1431                 | 14082                       | 2148                         | 16230           | 50.06         |
| 10                 | 5457        | 296  | 484   | 6237   | 254  | 1744         | 4802        | 4879        | -475         | -462                 | 12652                   | 1629                 | 14281                       | 2480                         | 16761           | 49.90         |
| 11                 | 5497        | 379  | 482   | 6358   | 157  | 1794         | 4808        | 5151        | -485         | -402                 | 13068                   | 1662                 | 14730                       | 2708                         | 17438           | 49.87         |
| 12                 | 5485        | 493  | 478   | 6456   | 149  | 1798         | 5095        | 5445        | -529         | -361                 | 13513                   | 1626                 | 15139                       | 2747                         | 17886           | 49.96         |
| 13                 | 5578        | 327  | 484   | 6389   | 89   | 1805         | 5094        | 5338        | -529         | -367                 | 13279                   | 1676                 | 14955                       | 2743                         | 17698           | 49.89         |
| 14                 | 5517        | 307  | 508   | 6332   | 86   | 1806         | 5069        | 5423        | -505         | -377                 | 13295                   | 1468                 | 14763                       | 2706                         | 17469           | 49.78         |
| 15                 | 5467        | 267  | 514   | 6248   | 91   | 1816         | 5240        | 5622        | -495         | -419                 | 13383                   | 1309                 | 14692                       | 2737                         | 17429           | 49.80         |
| 16                 | 5496        | 354  | 515   | 6365   | 135  | 1808         | 5266        | 5591        | -495         | -417                 | 13506                   | 1482                 | 14988                       | 2723                         | 17711           | 49.85         |
| 17                 | 5382        | 216  | 516   | 6114   | 142  | 1828         | 4809        | 4934        | -475         | -407                 | 12611                   | 1668                 | 14279                       | 2680                         | 16959           | 50.04         |
| 18                 | 5414        | 209  | 520   | 6143   | 116  | 1833         | 4766        | 4373        | -475         | -329                 | 12136                   | 1151                 | 13287                       | 2579                         | 15866           | 50.20         |
| 19                 | 5408        | 320  | 535   | 6263   | 107  | 1889         | 4795        | 4752        | -475         | -363                 | 12665                   | 675                  | 13340                       | 2518                         | 15858           | 50.06         |
| 20                 | 5284        | 419  | 537   | 6240   | 162  | 1919         | 4975        | 5595        | -561         | -426                 | 13523                   | 568                  | 14091                       | 2582                         | 16673           | 49.95         |
| 21                 | 5217        | 310  | 538   | 6065   | 227  | 1913         | 5045        | 5499        | -605         | -369                 | 13385                   | 500                  | 13885                       | 2479                         | 16364           | 50.05         |
| 22                 | 5251        | 227  | 539   | 6017   | 272  | 1919         | 5048        | 5242        | -595         | -355                 | 13145                   | 361                  | 13506                       | 2387                         | 15893           | 50.02         |
| 23                 | 5367        | 227  | 542   | 6136   | 275  | 1784         | 5142        | 5400        | -610         | -329                 | 13309                   | 309                  | 13618                       | 2224                         | 15842           | 49.94         |
| 24                 | 5371        | 251  | 564   | 6186   | 213  | 1779         | 4993        | 5685        | -610         | -370                 | 13530                   | 246                  | 13776                       | 2151                         | 15927           | 49.77         |
| MUs                | 130.14      | 6.45 | 12.19 | 148.79 | 6.62 | 43.27        | 117.67      | 121.51      | -11.69       | -9.12                | 311.44                  | 22.92                | 334.36                      | 55.48                        | 389.84          | 49.92         |

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 31/Mar/2012**

Position as on 6.30 Hrs of 01/Apr/2012

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                             | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|----------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                              |               |
| Koyna UNIT 6            | 75       | 10/03/2012   | 07.05        |            | Continued. | Pressure Shaft work                          | 02/04/2012    |
| Chandrapur Unit 1       | 210      | 11/03/2012   | 08.48        |            | Continued. | Annual Overhaul                              | 07/04/2012    |
| Cent_Sect NTPC(V-2)     | 210      | 01/04/2012   | 00:01        |            | Continued. | AOH.                                         | 30/04/2012    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                              |               |
| Tata Trombay 4          | 150      | 14/02/2012   | 00.08        |            | Continued. | Withdrawn/Cold Standby                       |               |
| Dabhol 3A               | 230      | 07/03/2012   | 15.42        | 31/03/2012 | 16:05      | Gas shortage.                                |               |
| Cent_Sect TARAPUR-3     | 540      | 15/03/2012   | 22.13        |            | Continued. | Primary coolant pump fail.                   |               |
| CPP WPCL U-2            | 135      | 19/03/2012   | 03.21        | 01/04/2012 | 03.34      | Precepitator & Gas Fillter Replacement Work. |               |
| Parli Unit 3            | 210      | 23/03/2012   | 23.57        |            | Continued. | Coal shortage.                               |               |
| Bhusawal Unit 4         | 500      | 25/03/2012   | 17.37        |            | Continued. | Gen.Protection.                              |               |
| Bhusawal Unit 5         | 500      | 30/03/2012   | 04.34        |            | Continued. | Hand Tripped                                 |               |
| Dabhol 1A               | 230      | 30/03/2012   | 23.29        |            | Continued. | Gas Shortage                                 |               |
| Dabhol 1X               | 290      | 31/03/2012   | 19:43        |            | Continued. | Maintenance work.                            |               |
| Dabhol 1B               | 230      | 31/03/2012   | 19:45        |            | Continued. | Maintenance work.                            |               |
| Cent_Sect NTPC(K-4)     | 500      | 31/03/2012   | 23:18        | 01/04/2012 | 18:38      | CWP Problem.                                 |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 31/Mar/2012**

Position as on 6.30 Hrs of 01/Apr/2012

| 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 PLANNED OUTAGE</b> |                   |                                                                                                                 |
| Wardha - Seoni                                | 28/03/2012   | 09.37        |                                   | Continued.        | Balance work of terminating tower of 400KV Wardha-Warora D/C line.                                              |
| Akola - Aurangabad - II                       | 31/03/2012   | 11.58        | 31/03/2012                        | 17.11             | Tie Breaker Amp.work                                                                                            |
| Wardha (PG) - Mouda - I                       | 31/03/2012   | 16.04        | 31/03/2012                        | 16.05             | Newly Charged                                                                                                   |
| <b>Voltage Level : 220KV</b>                  |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                                 |
| Tarapur - Borivali                            | 30/03/2012   | 23.38        | 31/03/2012                        | 04.24             | Main Bus Outage at Borivali                                                                                     |
| <b>Voltage Level : 400KV</b>                  |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                                                 |
| Wardha - Akola - II                           | 24/03/2012   | 11.47        | 31/03/2012                        | 13.04             | Over Voltage                                                                                                    |
| Dhule-Sar'Sarovar - I                         | 30/03/2012   | 23.35        | 01/04/2012                        | 10:39             | Over Voltage.                                                                                                   |
| Kolhapur - Mapusa - I                         | 01/04/2012   | 04.05        |                                   | Continued.        | Over Voltage                                                                                                    |
| Dhule - S'Sarovar- II                         | 01/04/2012   | 14:37        |                                   | Continued.        | Over Voltage.                                                                                                   |
| Dhule-S'Sarovar I                             | 01/04/2012   | 22:25        |                                   | Continued.        | Over Voltage.                                                                                                   |
| <b>Voltage Level : 220KV</b>                  |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                                                                 |
| Halkarni-Amona I                              | 31/03/2012   | 02.30        | 31/03/2012                        | 18.20             | Distance Protection(Declared Faulty)                                                                            |
| Mudshungi - Chikodi                           | 31/03/2012   | 16.22        | 31/03/2012                        | 17.55             | Distance Protection                                                                                             |
| <b>IntraState</b>                             |              |              |                                   |                   |                                                                                                                 |
| <b>Voltage Level : 400KV</b>                  |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                                 |
| 400/220 KV,500MVA ICT-II at Deepnagar.        | 10/01/2012   | 10.30        |                                   | Continued.        | Connection of L V Side Jumpers of ICT -I & II Span Stringing & Testing Work.                                    |
| Kalwa - Padgha - I                            | 28/03/2012   | 11.22        |                                   | Continued.        | Taken on TBC( up to 13.04.2012)                                                                                 |
| Karad-New Koyna II                            | 29/03/2012   | 08.07        |                                   | Continued.        | Replacement of CVT and LA,Wave Trap Jumper repl.work takenup ready for charging at 22:04 hrs. on dt:01/04/2012. |
| 400/220KV 315MVA ICT-I at Kharghar            | 31/03/2012   | 07.14        | 31/03/2012                        | 17.23             | Indicator replacement work                                                                                      |
| 50MVAR Line Reactor of Koradi - BSL at Koradi | 31/03/2012   | 13.55        |                                   | Continued.        | Oil Filtration work                                                                                             |
| 400/220KV 315MVA ICT- I @ Chandrapur          | 01/04/2012   | 03.45        |                                   | Continued.        | HV Breaker problem(HV side on TBC)                                                                              |
| 400/220 KV 600 MVA ICT-II @ Kalwa             | 01/04/2012   | 11:31        | 01/04/2012                        | 12:15             | CTR System work.                                                                                                |
| <b>Voltage Level : 220KV</b>                  |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                                 |
| 220/132 KV 150 MVA ICT @ Bhandara             | 28/12/2011   | 13.57        |                                   | Continued.        | Replacement of ICT by 200MVA                                                                                    |
| Uran-Kharghar-II                              | 15/02/2012   | 07.42        |                                   | Continued.        | Mumbai system strengthing work                                                                                  |
| Kharghar-Topworth                             | 15/02/2012   | 07.47        |                                   | Continued.        | Mumbai system strengthing work                                                                                  |
| Kharghar-TSS                                  | 18/02/2012   | 08.52        |                                   | Continued.        | Temporary Reconfigured as Uran-TSS at 20.30Hrs Dt.18/2/12                                                       |
| Uran - Kharghar - I                           | 19/02/2012   | 07.50        |                                   | Continued.        | Mumbai System Strengthening Work.                                                                               |
| Kalwa-Colourchem                              | 30/03/2012   | 08.15        | 31/03/2012                        | 17.17             | Replacement of CT and Isolator                                                                                  |
| Talangade-Mudshingi-II                        | 30/03/2012   | 15.33        | 31/03/2012                        | 15.53             | Breaker Problem at Mudshingi(Line on TBC)                                                                       |
| Main Bus @ Borivali                           | 30/03/2012   | 23.36        | 31/03/2012                        | 04.19             | Making MSETCL Bus and Reliance GIS Bus in Parallel                                                              |
| Girawli - New Parly TPS                       | 31/03/2012   | 08.15        | 31/03/2012                        | 21.47             | Replacement of Earth Wire                                                                                       |
| 220/132 KV 200 MVA ICT-                       | 31/03/2012   | 09.11        | 31/03/2012                        | 13.29             | Y Phase CT replacement                                                                                          |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 31/Mar/2012**

Position as on 6.30 Hrs of 01/Apr/2012

| Name of Line                             | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                              |
|------------------------------------------|--------------|--------------|-----------------------------------|--------------------|---------------------------------------------------------------|
| IV @ Nasik OCR                           |              |              |                                   |                    |                                                               |
| 220/100KV,200MVA ICT-I at Borivali.      | 31/03/2012   | 10.37        | 31/03/2012                        | 14.20              | R.M.Work                                                      |
| 220/100KV 200 MVA ICT III at Borivali    | 31/03/2012   | 14.55        | 31/03/2012                        | 16.25              | R.M.Work                                                      |
| Borivali (MSETCL) - Borivali(TATA)-II    | 31/03/2012   | 17.25        | 31/03/2012                        | 17.26              | Newly Charged                                                 |
| Girawli - New Parly TPS                  | 01/04/2012   | 08:29        | 01/04/2012                        | 20:53              | E/W Replacement work.                                         |
| Mumewadi-Mudshingi                       | 01/04/2012   | 10:34        | 01/04/2012                        | 18:22              | C T Replacement.                                              |
| <b>Voltage Level : 132KV</b>             |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                               |
| Malkapur - Khamgaon                      | 31/03/2012   | 09.17        | 01/04/2012                        | 19:15              | Line Isolator replacement.                                    |
| 132KV Main Bus at Raymond                | 31/03/2012   | 13.42        | 31/03/2012                        | 16.29              | Main Bus Isolator erection work                               |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                               |
| Aurangabad-Deepnagar-II                  | 16/02/2012   | 16.56        |                                   | Continued.         | Over Voltage.                                                 |
| Bhusawal- Aurangabad                     | 30/03/2012   | 17.07        | 31/03/2012                        | 08.04              | Over Voltage                                                  |
| Karad-Kolhapur-II                        | 30/03/2012   | 17.54        | 31/03/2012                        | 08.50              | Over Voltage                                                  |
| 400/132KV 200 MVA ICT-II @ Bhusawal      | 30/03/2012   | 23.10        | 31/03/2012                        | 07.05              | CB Air Pressure Low                                           |
| Koradi - Bhusawal                        | 31/03/2012   | 13.35        | 31/03/2012                        | 13.49              | To take out Line Reactor                                      |
| Bhusawal- Aurangabad                     | 31/03/2012   | 17.23        | 01/04/2012                        | 10:04              | Over Voltage.                                                 |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                               |
| Kalwa-Temghar                            | 30/03/2012   | 21.22        | 31/03/2012                        | 17.35              | To control 220KV Bus Sectionalizer Loading                    |
| Nivali-N'koyna                           | 31/03/2012   | 09.27        | 31/03/2012                        | 18.24              | Insulator cleaning and cold washing                           |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                               |
| Chandrapur - Parli - III                 | 01/04/2012   | 12:41        | 01/04/2012                        | 13:12              | Distance Protection.                                          |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                               |
| Dhule-Chalisgaon                         | 30/03/2012   | 11.25        | 31/03/2012                        | 02.36              | LBB Operated                                                  |
| Kandalgaon - Sona Alloy                  | 30/03/2012   | 23.45        | 31/03/2012                        | 14.20              | Distance protection(Declared Faulty)                          |
| Kandalgaon - Pophali                     | 31/03/2012   | 01.28        | 31/03/2012                        | 01.55              | Bus Fault, While taking Trial on 220KV K'gaon-Sona Alloy Line |
| Kandalgaon - Dasturi                     | 31/03/2012   | 01.28        | 31/03/2012                        | 01.57              | Bus Fault, While taking Trial on 220KV K'gaon-Sona Alloy Line |
| Kandalgaon - Pirangut                    | 31/03/2012   | 01.28        | 31/03/2012                        | 02.01              | Bus Fault, While taking Trial on 220KV K'gaon-Sona Alloy Line |
| Kandalgaon - ONGC                        | 31/03/2012   | 01.28        | 31/03/2012                        | 02.02              | Bus Fault, While taking Trial on 220KV K'gaon-Sona Alloy Line |
| Kandalgaon-Bhira                         | 31/03/2012   | 01.28        | 31/03/2012                        | 02.08              | Bus Fault, While taking Trial on 220KV K'gaon-Sona Alloy Line |
| Kandalgaon - Topworth                    | 31/03/2012   | 01.28        | 31/03/2012                        | 02.09              | Bus Fault, While taking Trial on 220KV K'gaon-Sona Alloy Line |
| 220/100 KV 100 MVA T/F - IV @ Kandalgaon | 31/03/2012   | 01.28        | 31/03/2012                        | 02.07              | Bus Fault, While taking Trial on 220KV K'gaon-Sona Alloy Line |
| Pedambe - Karad                          | 31/03/2012   | 05.55        | 31/03/2012                        | 15.20              | Distance Protection(Declared Faulty)                          |
| 220/132 KV,200MVA ICT-I at Nasik GCR     | 31/03/2012   | 15.56        | 31/03/2012                        | 16.15              | Bus Bar Protection operated                                   |
| 220/132 KV 150 MVA ICT-II @ Nasik        | 31/03/2012   | 15.56        | 31/03/2012                        | 16.13              | Bus Bar Protection operated                                   |
| 220/132KV 200MVA ICT-VI at NSK GCR       | 31/03/2012   | 15.56        | 31/03/2012                        | 16.31              | Bus Bar Protection operated                                   |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 31/Mar/2012**

Position as on 6.30 Hrs of 01/Apr/2012

| Name of Line                 | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                                              |
|------------------------------|--------------|--------------|----------------------------|--------------------|---------------------------------------------------------------|
| Wadkhal-IPCL I               | 01/04/2012   | 04.52        | 01/04/2012                 | 11:25              | Distance protection.                                          |
| <b>Voltage Level : 132KV</b> |              |              | <b>Outage Type TRIPPED</b> |                    |                                                               |
| Nasik - Ranwad               | 31/03/2012   | 15.56        | 31/03/2012                 | 16.15              | Bus Bar Protection operated                                   |
| Nasik - Ambad                | 31/03/2012   | 15.56        | 31/03/2012                 | 16.16              | Bus Bar Protection operated                                   |
| Nasik - Pachpatta            | 31/03/2012   | 15.56        | 31/03/2012                 | 16.15              | Bus Bar Protection operated                                   |
| Nasik-Jindal                 | 31/03/2012   | 15.56        | 31/03/2012                 | 16.16              | Bus Bar Protection operated                                   |
| Nasik-Ozar-I                 | 31/03/2012   | 15.58        | 31/03/2012                 | 16.15              | Bus Bar Protection operated                                   |
| Main Bus at Nasik            | 31/03/2012   | 17.56        | 31/03/2012                 | 16.13              | Bus Bar Protection operated                                   |
| Bhandara - Ambhora - I       | 31/03/2012   | 18.36        | 31/03/2012                 | 18.48              | Distance Protection                                           |
| <b>Voltage Level : 100KV</b> |              |              | <b>Outage Type TRIPPED</b> |                    |                                                               |
| Kandalgaon - Roha            | 31/03/2012   | 01.28        | 31/03/2012                 | 02.09              | Bus Fault, While taking Trial on 220KV K'gaon-Sona Alloy Line |
| Kandalgaon-Roha-II           | 31/03/2012   | 01.28        | 31/03/2012                 | 02.10              | Bus Fault, While taking Trial on 220KV K'gaon-Sona Alloy Line |
| Kandalgaon - Mhasale         | 31/03/2012   | 01.28        | 31/03/2012                 | 02.08              | Bus Fault, While taking Trial on 220KV K'gaon-Sona Alloy Line |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 01/Apr/2012

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 170         |
| Unit 7             | 210                   | 180         |
|                    | <b>620</b>            | <b>500</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 170         |
| Unit 4             | 500                   | 0           |
|                    | <b>920</b>            | <b>330</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 170         |
| Unit 5             | 210                   | 155         |
| Unit 6             | 250                   | 180         |
| Unit 7             | 250                   | 180         |
|                    | <b>1130</b>           | <b>685</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 475         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1945</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 180         |
| Unit 4             | 250                   | 180         |
|                    | <b>500</b>            | <b>360</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 210         |
| Unit 2             | 210                   | 200         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 0           |
|                    | <b>1340</b>           | <b>820</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 210                   | 180         |
|                    | <b>630</b>            | <b>560</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 610         |
|                    | <b>852</b>            | <b>610</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    | 0           |
|                    | <b>53</b>             | <b>0</b>    |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 520         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 20          |
| VTRNA              | 60                    | 60          |
| TILLARI            | 60                    | 60          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| BHTGR/VEER       | 21                    | 9           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 13          |
| BHANDARDRA       | 45                    | 30          |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 0           |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>232</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                   | 1045        |
| WARDHA           | 405                   | 362         |
| Other CPPs       | 0                     |             |
|                  | <b>1005</b>           | <b>1407</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                  | 4956        |
|                  | <b>3455</b>           | <b>4956</b> |

|  |              |                     |
|--|--------------|---------------------|
|  | <b>17900</b> | 8 of 8 <b>15872</b> |
|--|--------------|---------------------|