



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**04/Mar/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 04/Mar/2013 MONDAY**

| <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                | 120.772        | 470.203        | 1) Gujrat                      | 12.733         | 41.661          |
| 2) Hydro                  | 22.563         | 74.215         | 2) Madhya Pradesh              | 19.164         | 78.995          |
| 3) Gas                    | 9.782          | 42.265         | 3) Chattisgarh                 | 8.970          | 37.190          |
| <b>Total MSGENCO</b>      | <b>153.117</b> | <b>586.683</b> | 4) Maharashtra                 | 76.158         | 309.552         |
| <b>B) 1) JSW JAIGAD</b>   | 20.429         | 82.037         | 5) Goa                         | -6.070         | -23.690         |
| 2) WPCL                   | 8.277          | 25.087         | 6) TAPS 1&2 Injection          | 0.688          | 12.630          |
| 3) ADANI                  | 0.000          | 2.470          | 7) RGPPL Injection             | 0.000          | 0.000           |
| 4) Other CPP / IPP        | 10.264         | 40.552         | 8) Pench (Excess)              | -0.196         | -1.013          |
| 5) Wind Generation        | 6.192          | 24.091         | <b># Total Cent. Sector</b>    | <b>111.447</b> | <b>455.325</b>  |
| 6) PENCH (MS)             | 0.196          | 1.013          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                | 1) With TPCL (Excess)          | -14.084        | -47.484         |
| 1) TPCL Thermal           | 18.587         | 76.867         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 7.334          | 22.458         | 1) MSEDCL Bilateral            | 27.093         | 108.497         |
| <b>TOTAL TPCL</b>         | <b>25.921</b>  | <b>99.325</b>  | Include PX                     | 1.167          | 6.965           |
| 3) REL Thermal            | 12.662         | 50.268         | 2) MUMBAI Bilateral            | 13.151         | 42.988          |
| <b>D) STATE</b>           |                |                | Include PX                     | 2.189          | 3.908           |
| 1) Thermal (A1+C1+C3)     | 152.021        | 597.338        | 3) MUMBAI Schedule             | 13.151         | 44.814          |
| 2) Hydro (A2+B5+C2)       | 30.093         | 97.686         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 9.782          | 42.265         | 1) MSEDCL                      | 295.838        | 1169.774        |
| 4) Wind (B4)              | 6.192          | 24.091         | 2) TPCL                        | 34.824         | 129.028         |
| 5) CPP (B1+B2+B3)         | 38.970         | 147.676        | 3) REL                         | 17.842         | 68.048          |
| <b>TOTAL STATE</b>        | <b>237.058</b> | <b>909.056</b> | <b>TOTAL STATE</b>             | <b>348.504</b> | <b>1366.850</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 5130                             | 5035                             | 5038                             |
| MSGENCO Hydro                   | 1660                             | 1708                             | 108                              |
| MSGENCO Gas                     | 430                              | 392                              | 430                              |
| <b>MSGENCO Total Generation</b> | <b>7220</b>                      | <b>7135</b>                      | <b>5576</b>                      |
| <b>Central Sector Receipt</b>   | <b>5245</b>                      | <b>4856</b>                      | <b>4149</b>                      |
| <b>WIND</b>                     | <b>409</b>                       | <b>79</b>                        | <b>376</b>                       |
| <b>CPP / IPP</b>                | <b>1663</b>                      | <b>1678</b>                      | <b>1495</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-903</b>                      | <b>-898</b>                      | <b>-112</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>13634</b>                     | <b>12850</b>                     | <b>11484</b>                     |
| <b>Load Shedding</b>            | <b>491</b>                       | <b>427</b>                       | <b>0</b>                         |
| <b>MSEDCL DEMAND</b>            | <b>14125</b>                     | <b>13277</b>                     | <b>11484</b>                     |
| <b>TPCL GENERATION</b>          | <b>1237</b>                      | <b>1246</b>                      | <b>803</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>527</b>                       | <b>527</b>                       | <b>529</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2667</b>                      | <b>2671</b>                      | <b>1444</b>                      |
| <b>STATE DEMAND MET</b>         | <b>16301</b>                     | <b>15521</b>                     | <b>12928</b>                     |
| <b>STATE DEMAND</b>             | <b>16792</b>                     | <b>15948</b>                     | <b>12928</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.92</b>                     | <b>49.98</b>                     | <b>50.03</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>        | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|-----------------------------|----------------------|----------------------------|
| <b>50.61 Hz at 17:01 Hrs</b> | <b>49.4 Hz at 21:03 Hrs</b> | <b>49.95</b>         | <b>0 % of Time(min)</b>    |

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

**Shift Engineer**

**Shift Incharge**

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 04/Mar/2013

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 4.09        | 14.92         | 207      | 125      | 210      |
| Unit 7           | 3.78        | 15.38         | 185      | 111      | 180      |
| Total            | 7.87        | 30.30         |          |          | 390      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 4.28        | 16.50         | 195      | 160      | 200      |
| Unit 3           | 4.44        | 17.17         | 195      | 175      | 180      |
| Unit 4           | 6.85        | 27.82         | 310      | 250      | 300      |
| Unit 5           | 1.73        | 5.04          | 149      | 0        | 0        |
| Total            | 17.29       | 66.54         |          |          | 680      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 0.00        | 0.00          |          |          | 0        |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.23        | 13.15         | 143      | 124      | 140      |
| Unit 2           | 3.25        | 3.34          | 165      | 67       | 130      |
| Unit 3           | 4.77        | 19.51         | 205      | 183      | 200      |
| Unit 4           | 4.56        | 18.52         | 200      | 155      | 200      |
| Unit 5           | 9.92        | 39.89         | 430      | 398      | 425      |
| Unit 6           | 10.96       | 43.54         | 465      | 435      | 460      |
| Unit 7           | 10.13       | 39.48         | 440      | 350      | 450      |
| Total            | 46.83       | 177.44        |          |          | 2005     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.91        | 19.99         | 244      | 186      | 220      |
| Unit 4           | 5.22        | 20.76         | 239      | 198      | 220      |
| Total            | 10.13       | 40.76         |          |          | 440      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.52        | 9.10          | 200      | 170      | 200      |
| Unit 2           | 4.32        | 18.02         | 200      | 148      | 170      |
| Unit 3           | 4.63        | 18.78         | 214      | 165      | 180      |
| Unit 4           | 5.10        | 20.06         | 214      | 210      | 210      |
| Unit 5           | 11.17       | 41.42         | 517      | 325      | 425      |
| Total            | 29.73       | 107.37        |          |          | 1185     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 0.28        | 12.96         | 150      | 0        | 0        |
| Unit 4           | 4.18        | 17.13         | 180      | 160      | 185      |
| Unit 5           | 4.46        | 17.71         | 195      | 174      | 195      |
| Total            | 8.93        | 47.80         |          |          | 380      |
| Uran             |             |               |          |          |          |
| All Units        | 9.78        | 42.26         | 430      | 361      | 430      |
| Total            | 9.78        | 42.26         |          |          | 430      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.20        | 1.01          | 54       | 0        | 0        |
| Total            | 0.20        | 1.01          |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 6.74        | 19.11         | 555      | 40       | 600      |
| Stage 4          | 7.92        | 26.19         | 721      | 0        | 250      |
| Stage 3          | 3.04        | 9.74          | 240      | 0        | 240      |
| Kovna 12&4 Total | 14.66       | 45.30         |          |          | 850      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>17.70</b> | <b>55.04</b>  |          |          | <b>1090</b> |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.46         | 1.99          | 20       | 19       | 20          |
| VTRNA            | 0.97         | 3.74          | 61       | 0        | 61          |
| TILLARI          | 0.13         | 0.48          | 60       | 0        | 60          |
| BHTGR/VEER       | 0.00         | 0.00          | 0        | 0        | 0           |
| BHIRA T.R.       | 0.32         | 1.33          | 80       | 0        | 80          |
| RNGR+BHTSA       | 0.35         | 1.37          | 15       | 14       | 0           |
| BHANDARDRA       | 0.00         | 0.00          | 0        | 0        | 0           |
| ELDARY           | 0.00         | 0.00          | 0        | 0        | 0           |
| SMLHY PTN        | 0.83         | 3.68          | 35       | 34       | 15          |
| GHATGHAR         | 1.80         | 6.58          | 250      | 0        | 0           |
| <b>Total</b>     | <b>4.86</b>  | <b>19.18</b>  |          |          | <b>236</b>  |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 0.25         | 1.02          |          |          |             |
| Vankuswadi       | 0.56         | 2.02          |          |          |             |
| ATIT             | 0.06         | 0.22          |          |          |             |
| Kale             | 0.18         | 0.73          |          |          |             |
| Satara           | 1.82         | 2.33          |          |          |             |
| Shirala          | 0.20         | 0.82          |          |          |             |
| K Mahankal       | 0.03         | 4.32          |          |          |             |
| Supa             | 0.10         | 0.48          |          |          |             |
| Vita             | 1.22         | 4.06          |          |          |             |
| Dondaicha        | 1.08         | 4.52          |          |          |             |
| Sakri            | 0.15         | 0.66          |          |          |             |
| Nandurbar        | 0.07         | 0.35          |          |          |             |
| Khandke          | 0.29         | 1.83          |          |          |             |
| Khaparale        | 0.18         | 0.73          |          |          |             |
| <b>Total</b>     | <b>6.19</b>  | <b>24.09</b>  |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 20.43        | 82.04         | 889      | 723      | 775         |
| WARDHA           | 8.28         | 25.09         | 366      | 286      | 360         |
| Adani            | 0.00         | 2.47          | 0        | 0        |             |
| Other CPPs       | 10.26        | 40.55         |          |          |             |
| <b>Total</b>     | <b>38.97</b> | <b>150.15</b> |          |          | <b>1135</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 11.95        | 45.91         | 503      | 467      | 500         |
| Trombay 6        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 7A       | 2.73         | 11.59         | 129      | 73       | 120         |
| Trombay 7B       | 1.57         | 6.50          | 69       | 54       | 60          |
| Trombay 8        | 2.34         | 12.88         | 141      | 48       | 250         |
| TATA Hydro       | 7.33         | 22.46         | 471      | 0        | 447         |
| <b>Total</b>     | <b>25.92</b> | <b>99.32</b>  |          |          | <b>1377</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 12.66        | 50.27         | 529      | 526      | 500         |
| <b>Total</b>     | <b>12.66</b> | <b>50.27</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 4634        |
| <b>Total</b>     |              |               |          |          | <b>4634</b> |

|                    |              |               |               |  |  |              |
|--------------------|--------------|---------------|---------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 120.77        | 470.20        |  |  | 5080         |
|                    | Thml+Gas     | 130.55        | 512.47        |  |  | 5510         |
|                    | Hydro        | 22.56         | 74.22         |  |  | 1326         |
|                    | <b>Total</b> | <b>153.12</b> | <b>586.68</b> |  |  | <b>6836</b>  |
| <b>State Total</b> |              | <b>237.06</b> | <b>909.06</b> |  |  | <b>14482</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/Mar/2013

| 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                  | 5054        | 113   | 430  | 5597   | 335  | 1479         | 4425        | 4649        | -429         | -353                 | 11707                   | 0                    | 11707                       | 1712                         | 13419           | 50.02         |
| 2                  | 5041        | 123   | 430  | 5594   | 382  | 1453         | 4299        | 4387        | -360         | -208                 | 11608                   | 0                    | 11608                       | 1573                         | 13181           | 50.00         |
| 3                  | 5069        | 108   | 430  | 5607   | 385  | 1478         | 4168        | 4134        | -321         | -163                 | 11441                   | 0                    | 11441                       | 1493                         | 12934           | 50.06         |
| 4                  | 5038        | 108   | 430  | 5576   | 376  | 1495         | 4147        | 4149        | -295         | -112                 | 11484                   | 0                    | 11484                       | 1444                         | 12928           | 50.03         |
| 5                  | 5060        | 113   | 430  | 5603   | 407  | 1501         | 4111        | 4249        | -295         | -65                  | 11695                   | 0                    | 11695                       | 1445                         | 13140           | 49.99         |
| 6                  | 5036        | 113   | 430  | 5579   | 449  | 1602         | 4086        | 4763        | -298         | -174                 | 12219                   | 0                    | 12219                       | 1536                         | 13755           | 49.94         |
| 7                  | 5042        | 509   | 430  | 5981   | 441  | 1604         | 4076        | 4289        | -354         | -342                 | 11973                   | 156                  | 12129                       | 1703                         | 13832           | 49.86         |
| 8                  | 5078        | 999   | 430  | 6507   | 367  | 1595         | 4161        | 4356        | -402         | -492                 | 12333                   | 782                  | 13115                       | 1841                         | 14956           | 49.92         |
| 9                  | 5076        | 1238  | 430  | 6744   | 273  | 1657         | 4214        | 4481        | -458         | -501                 | 12654                   | 770                  | 13424                       | 2113                         | 15537           | 49.95         |
| 10                 | 5097        | 1534  | 430  | 7061   | 257  | 1672         | 4717        | 5038        | -587         | -670                 | 13358                   | 497                  | 13855                       | 2426                         | 16281           | 49.97         |
| 11                 | 5130        | 1660  | 430  | 7220   | 409  | 1663         | 4799        | 5245        | -736         | -903                 | 13634                   | 491                  | 14125                       | 2667                         | 16792           | 49.92         |
| 12                 | 5043        | 1666  | 430  | 7139   | 434  | 1657         | 4866        | 5063        | -804         | -991                 | 13302                   | 634                  | 13936                       | 2756                         | 16692           | 49.85         |
| 13                 | 5011        | 1777  | 430  | 7218   | 259  | 1667         | 4470        | 4547        | -804         | -958                 | 12733                   | 788                  | 13521                       | 2741                         | 16262           | 49.87         |
| 14                 | 4927        | 1596  | 428  | 6951   | 218  | 1664         | 4313        | 4507        | -718         | -825                 | 12515                   | 694                  | 13209                       | 2628                         | 15837           | 49.91         |
| 15                 | 5123        | 1592  | 403  | 7118   | 172  | 1671         | 4303        | 4679        | -721         | -852                 | 12788                   | 552                  | 13340                       | 2663                         | 16003           | 49.97         |
| 16                 | 5089        | 1634  | 391  | 7114   | 127  | 1680         | 4305        | 4906        | -716         | -885                 | 12942                   | 446                  | 13388                       | 2667                         | 16055           | 49.89         |
| 17                 | 5035        | 1708  | 392  | 7135   | 79   | 1678         | 4367        | 4856        | -713         | -898                 | 12850                   | 427                  | 13277                       | 2671                         | 15948           | 49.98         |
| 18                 | 5021        | 742   | 381  | 6144   | 103  | 1683         | 4283        | 4436        | -656         | -833                 | 11540                   | 0                    | 11540                       | 2605                         | 14145           | 50.06         |
| 19                 | 4999        | 929   | 364  | 6292   | 126  | 1679         | 4434        | 4516        | -648         | -789                 | 11877                   | 0                    | 11877                       | 2555                         | 14432           | 49.99         |
| 20                 | 4985        | 1514  | 361  | 6860   | 111  | 1673         | 4722        | 5362        | -703         | -828                 | 13231                   | 0                    | 13231                       | 2586                         | 15817           | 49.80         |
| 21                 | 4952        | 1239  | 372  | 6563   | 105  | 1681         | 4512        | 4646        | -637         | -673                 | 12376                   | 0                    | 12376                       | 2434                         | 14810           | 49.91         |
| 22                 | 4969        | 834   | 365  | 6168   | 100  | 1687         | 4290        | 4599        | -536         | -549                 | 12032                   | 0                    | 12032                       | 2279                         | 14311           | 49.96         |
| 23                 | 4887        | 566   | 366  | 5819   | 141  | 1676         | 4478        | 4602        | -506         | -530                 | 11710                   | 0                    | 11710                       | 2152                         | 13862           | 49.90         |
| 24                 | 5010        | 148   | 369  | 5527   | 136  | 1675         | 4572        | 4988        | -454         | -490                 | 11836                   | 0                    | 11836                       | 1977                         | 13813           | 49.97         |
| MUs                | 120.77      | 22.56 | 9.78 | 153.12 | 6.19 | 38.97        | 105.12      | 111.45      | -13.15       | -14.08               | 295.84                  | 6.24                 | 302.08                      | 52.67                        | 354.74          | 49.95         |

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 04/Mar/2013**

Position as on 6.30 Hrs of 05/Mar/2013

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                       | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|----------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                        |               |
| Koradi Unit 5           | 200      | 16/09/2012   | 04.23        |            | Continued. | C.O.H.,Generator Stator Replacement.   | 10/04/2013    |
| Parli Unit 4            | 210      | 28/11/2012   | 02.37        |            | Continued. | W/DN due to water shortage.            |               |
| Koyna Unit 12           | 80       | 29/11/2012   | 08.30        |            | Continued. | A/OH.                                  |               |
| Cent_Sect Tarapur 2     | 80       | 31/12/2012   | 17.05        |            | Continued. | Refuelling work                        | 04/03/2013    |
| Parli Unit 6            | 250      | 25/01/2013   | 19.49        |            | Continued. | Water Shortage                         |               |
| Koyna ST - IV 4         | 250      | 04/02/2013   | 08.00        |            | Continued. | AOH.                                   | 13/03/2013    |
| Parli Unit 3            | 210      | 13/02/2013   | 23.50        |            | Continued. | Water Shortage                         |               |
| Parli Unit 5            | 210      | 14/02/2013   | 22.45        |            | Continued. | Water Shortage                         |               |
| Parli Unit 7            | 250      | 17/02/2013   | 01.00        |            | Continued. | Water Shortage.                        |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                        |               |
| Dabhol 1B               | 230      | 09/10/2012   | 13.56        |            | Continued. | Gas Shortage.                          |               |
| Dabhol 1X               | 290      | 02/11/2012   | 16.26        |            | Continued. | Gas shortage.                          |               |
| Dabhol 1A               | 230      | 02/11/2012   | 16.27        |            | Continued. | Gas shortage.                          |               |
| Dabhol 3A               | 230      | 03/12/2012   | 21.23        |            | Continued. | Gas Shortage                           |               |
| Dabhol 2B               | 230      | 03/01/2013   | 13.29        |            | Continued. | Gas shortage.                          |               |
| Tata Trombay 6          | 500      | 23/01/2013   | 22.57        |            | Continued. | Economy Shutdown.                      |               |
| CPP Adani               | 660      | 31/01/2013   | 17.05        |            | Continued. | 400KV Tirora-Warora isolator sparking. |               |
| CPP WPCL U-4            | 135      | 04/02/2013   | 19.16        |            | Continued. | ID fan vibration problem.              |               |
| Dabhol 2A               | 230      | 06/02/2013   | 21.32        |            | Continued. | Gas Shortage                           |               |
| Dabhol 2X               | 290      | 06/02/2013   | 21.32        |            | Continued. | Gas Shortage                           |               |
| Dabhol 3X               | 290      | 21/02/2013   | 23.04        |            | Continued. | Due to Gas shortage.                   |               |
| Dabhol 3B               | 230      | 21/02/2013   | 23.08        |            | Continued. | Due to Gas shortage.                   |               |
| CPP JSW (J) U1          | 300      | 27/02/2013   | 21.15        |            | Continued. | Bearing Vibration Problem.             |               |
| CPP Adani               | 660      | 02/03/2013   | 21.14        |            | Continued. | BLR T/L.                               |               |
| Uran Unit 8             | 108      | 03/03/2013   | 11.18        |            | Continued. | Gas Shortage.                          |               |
| Nasik Unit 3            | 210      | 03/03/2013   | 23.00        | 04/03/2013 | 20.30      | UAT Work.                              |               |
| CPP WPCL U-2            | 135      | 04/03/2013   | 00.30        | 04/03/2013 | 01.05      | Flame Failure.                         |               |
| Cent_Sect Tarapur 1     | 80       | 04/03/2013   | 05.30        |            | Continued. | Pressure Pump Seal Leakage.            |               |
| CPP WPCL U-1            | 135      | 04/03/2013   | 06.32        | 04/03/2013 | 07.08      | Flame Failure                          |               |
| Bhusawal Unit 5         | 500      | 04/03/2013   | 15.43        | 05/03/2013 | 00.06      | Flame Failure.                         |               |
| Koyna ST-IV 2           | 250      | 04/03/2013   | 19.00        | 04/03/2013 | 20.30      | Ream seal,relased not detected.        |               |
| Bhusawal Unit 3         | 210      | 05/03/2013   | 04.15        |            | Continued. | BLR T/L.                               |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 04/Mar/2013**

Position as on 6.30 Hrs of 05/Mar/2013

| Name of Line                                      | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                      |
|---------------------------------------------------|--------------|--------------|-----------------------------------|--------------------|---------------------------------------------------------------------------------------|
| <b>InterState</b>                                 |              |              |                                   |                    |                                                                                       |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                       |
| Seoni - Wardha -I                                 | 02/03/2013   | 12.04        | 04/03/2013                        | 08.59              | To control voltage.                                                                   |
| Kolhapur-Solapur (PG) II                          | 02/03/2013   | 12.33        |                                   | Continued.         | Maint.work.Ready for charging at 16.17Hrs.on 02.03.2013                               |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                       |
| Borivali-Tarapur-I                                | 04/11/2012   | 09.53        |                                   | Continued.         | Mumbai Strengthening work to be carried out on Boiser-Borivali section upto 15/3/2013 |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                       |
| Kolhapur - Mapusa - I                             | 01/03/2013   | 17.52        | 04/03/2013                        | 11.30              | Over Voltage                                                                          |
| Dhule-Sar'Sarovar - II                            | 01/03/2013   | 21.23        | 04/03/2013                        | 11.34              | Over Voltage                                                                          |
| Seoni-Wardha-II 765KV.                            | 04/03/2013   | 09.07        |                                   | Continued.         | Interchanging.                                                                        |
| Kolhapur - Mapusa - I                             | 04/03/2013   | 17.11        |                                   | Continued.         | Over Voltage.                                                                         |
| <b>IntraState</b>                                 |              |              |                                   |                    |                                                                                       |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                       |
| 400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II | 15/01/2013   | 09.51        |                                   | Continued.         | Replacement of Old Not working CT                                                     |
| New Koyna - Jaigad - II                           | 04/03/2013   | 09.08        | 04/03/2013                        | 19.29              | Repl.of insulator.                                                                    |
| 400/220KV,315MVA ICT-I at Karad                   | 04/03/2013   | 09.50        | 04/03/2013                        | 18.56              | For arresting oil leakage cold welding Tech.                                          |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                       |
| Ghodbandar - Bhoisor (MSETCL)                     | 04/11/2012   | 10.35        |                                   | Continued.         | Mumbai Strengthening work to be carried out on Boiser-Borivali section upto 15/3/2013 |
| 220/100KV 200 MVA ICT-II @ Padgha                 | 31/01/2013   | 12.30        |                                   | Continued.         | Repl of C & D Isolator & H V CT Structure.Upto 02.3.2013.                             |
| Kalwa - Khargar                                   | 15/02/2013   | 13.20        |                                   | Continued.         | Mumbai strengthening work for 20 Days.Reconfigur as 220KV Khargar-Mahape.             |
| Chandrapur - Rly TSS - II                         | 26/02/2013   | 11.35        |                                   | Continued.         | Replacement of Old Isolator                                                           |
| Kharghar - Tifil                                  | 26/02/2013   | 19.07        |                                   | Continued.         | Mumbai Strengthening work                                                             |
| Padgha - Nalasopara                               | 27/02/2013   | 10:56        |                                   | Continued.         | Taken on TBC for repalcement of Breaker at Padgha.                                    |
| Chandrapur-Gadchandur                             | 01/03/2013   | 10.50        |                                   | Continued.         | Replacement of Faulty Disc Insulator                                                  |
| Mahape - Siemens                                  | 01/03/2013   | 18.59        |                                   | Continued.         | Mumbai Strengthening work                                                             |
| Mumewadi - Halkarni                               | 04/03/2013   | 09.28        | 04/03/2013                        | 17.36              | Annual Maint work.                                                                    |
| Bhugaon-UGML                                      | 04/03/2013   | 10.27        | 04/03/2013                        | 22.11              | Repl.of metering CT at UGML 220KV S/Y.                                                |
| Aurangabad - Jalna                                | 04/03/2013   | 11.50        | 04/03/2013                        | 15.01              | Measurement of tan delta.                                                             |
| 220 KV Main Bus - I @Talangade                    | 04/03/2013   | 12.46        |                                   | Continued.         | Testing work.                                                                         |
| Badnera-Akola ckt-I                               | 04/03/2013   | 16.12        |                                   | Continued.         | Dcaping of insulator string Y-Ph at cut point Loc.15.                                 |
| 220KVCable Borivali(M)-Gorai(R) I                 | 05/03/2013   | 00.10        | 05/03/2013                        | 00.14              | Reliance 220KV Cable First time charged and load taken.                               |
| 220KV Cable Borivali(M)-Gorai(R) II               | 05/03/2013   | 00.10        | 05/03/2013                        | 00.35              | Reliance 220KV Cable First time charged and load taken.                               |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                       |
| 50 MVAR Line Reactor on                           | 20/03/2012   | 11.50        |                                   | Continued.         | High tan delta of bushing.                                                            |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 04/Mar/2013**

Position as on 6.30 Hrs of 05/Mar/2013

| Name of Line                                      | Tripped Date | Tripped Time | Synchronised Date               | Synchronised Time | Reason of Outage                                                                                             |
|---------------------------------------------------|--------------|--------------|---------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------|
| 400 KV Parly Ckt.-III at Chandrapur               |              |              |                                 |                   |                                                                                                              |
| 400/220 KV 100 MVA Spare Unit @ Koradi            | 12/07/2012   | 07.11        |                                 | Continued.        | Main Buchholz prot.operated                                                                                  |
| 400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II | 02/02/2013   | 10.17        |                                 | Continued.        | Low Oil Pressure Alarm Received.                                                                             |
| 400/220KV 500MVA ICT-II at Warora                 | 07/02/2013   | 17.57        |                                 | Continued.        | Handtripped                                                                                                  |
| Dabhol - Nagothane - I                            | 09/02/2013   | 21.52        | 04/03/2013                      | 12.46             | Over Voltage.                                                                                                |
| Dabhol - New Koyna - I                            | 24/02/2013   | 03.12        |                                 | Continued.        | Over Voltage.                                                                                                |
| Bhusawal- Aurangabad                              | 27/02/2013   | 17.07        |                                 | Continued.        | Over Voltage                                                                                                 |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type HAND TRIPPED</b> |                   |                                                                                                              |
| Chikhali - Jalna - II                             | 04/02/2013   | 23.36        |                                 | Continued.        | Due to over loading.                                                                                         |
| Parli-Usmanabad                                   | 03/03/2013   | 18.13        |                                 | Continued.        | To control load on Parli ICT.                                                                                |
| 220/132 KV 200 MVA ICT - II @ Nanded              | 04/03/2013   | 08.35        | 04/03/2013                      | 11.54             | Low oil Indication received.                                                                                 |
| Hingoli-Parbhani                                  | 04/03/2013   | 11.42        | 04/03/2013                      | 14.02             | To control Wardha-Y'mal L/L.                                                                                 |
| 220KVCable Borivali(M)-Gorai(R) I                 | 05/03/2013   | 04.16        |                                 | Continued.        | H/T.                                                                                                         |
| 220KV Cable Borivali(M)-Gorai(R) II               | 05/03/2013   | 04.19        |                                 | Continued.        | H/T.                                                                                                         |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                                                                              |
| 400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR       | 25/09/2012   | 15.38        |                                 | Continued.        | Differential protection operated Declared Faulty by Genco.                                                   |
| Khadka - Deepnagar - I                            | 06/01/2013   | 21.22        |                                 | Continued.        | B Phase CT Caught Fire,CT Repl. Ready for charging on 29.01.2013, 18.40Hrs.                                  |
| Deepnagar-Aurangabad-I                            | 12/01/2013   | 13.33        |                                 | Continued.        | Over Voltage                                                                                                 |
| Karad - Kolhapur - II                             | 03/03/2013   | 16.34        | 04/03/2013                      | 09.15             | Over Voltage.                                                                                                |
| Karad - Kolhapur - I                              | 03/03/2013   | 17.03        | 04/03/2013                      | 07.42             | Over Voltage.                                                                                                |
| Karad - Newkoyna - I                              | 03/03/2013   | 17.03        | 04/03/2013                      | 08.54             | Over Voltage.                                                                                                |
| Chandrapur - Parli - III                          | 03/03/2013   | 18.04        |                                 | Continued.        | While H/T C'pur-Parli III for O/V,B-Ph BKR pole of C'pur-Parli III Burst at Parli and Bus Bar Prot.Operated. |
| Karad-Jaigad I                                    | 04/03/2013   | 04.00        | 04/03/2013                      | 08.42             | Over Voltage.                                                                                                |
| 400/220KV 315 MVA ICT-I @ Padgha                  | 04/03/2013   | 10.18        | 04/03/2013                      | 10.22             | Suspected WT meter problem.                                                                                  |
| Padghe-BBLSR-I                                    | 04/03/2013   | 11.25        | 04/03/2013                      | 15.23             | Dist.Prot.                                                                                                   |
| Padgha - Babaleswar - II                          | 04/03/2013   | 11.33        | 04/03/2013                      | 14.07             | Dist.Prot.                                                                                                   |
| Dabhol-Nagothane - II                             | 04/03/2013   | 12.34        |                                 | Continued.        | Dist.Prot,R-Ph.                                                                                              |
| Karad - Kolhapur - II                             | 04/03/2013   | 12.58        |                                 | Continued.        | Over Voltage.                                                                                                |
| Karad - Kolhapur - I                              | 04/03/2013   | 16.31        |                                 | Continued.        | Over Voltage.                                                                                                |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                                                                              |
| Theur - Magarpatta                                | 03/03/2013   | 17.28        | 04/03/2013                      | 09.15             | Dist.Prot.                                                                                                   |
| Karad-M'peth                                      | 03/03/2013   | 17.35        | 04/03/2013                      | 00.32             | R-Ph CC Burst & Wavetrap damaged at M'peth S/S.                                                              |
| Pedambe - Mahad                                   | 04/03/2013   | 14.00        | 04/03/2013                      | 14.46             | Dist.Prot.                                                                                                   |
| Theur - Magarpatta                                | 04/03/2013   | 17.01        |                                 | Continued.        | Dist.Prot.                                                                                                   |
| Kalyani-Baramati Agro                             | 04/03/2013   | 17.23        | 04/03/2013                      | 18.30             | Transient Fault.                                                                                             |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 04/Mar/2013**

Position as on 6.30 Hrs of 05/Mar/2013

| Name of Line                 | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage              |
|------------------------------|--------------|--------------|----------------------------|--------------------|-------------------------------|
| Bhigwan-Baramati agro        | 04/03/2013   | 17.23        | 04/03/2013                 | 18.35              | Transient Fault.              |
| <b>Voltage Level : 132KV</b> |              |              | <b>Outage Type</b> TRIPPED |                    |                               |
| Mouda-DCL                    | 03/03/2013   | 01.03        | 04/03/2013                 | 17.20              | B-Ph Bus PT Burst at DCL end. |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 05/Mar/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 155         |
| Unit 7             | 210                   | 155         |
|                    | <b>620</b>            | <b>310</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 500                   | 250         |
| Unit 5             | 500                   |             |
|                    | <b>1420</b>           | <b>430</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 0           |
|                    | <b>1130</b>           | <b>0</b>    |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 145         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 410         |
| Unit 6             | 500                   | 465         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>2020</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 200         |
| Unit 4             | 250                   | 200         |
|                    | <b>500</b>            | <b>400</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 200         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 500         |
|                    | <b>1340</b>           | <b>1300</b> |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 195         |
| Unit 4             | 210                   | 185         |
| Unit 5             | 210                   | 195         |
|                    | <b>630</b>            | <b>575</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 370         |
|                    | <b>852</b>            | <b>370</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 20          |
| VTRNA              | 60                    | 61          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 0           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 0           |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 15          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>236</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       | 1200                  | 807         |
| WARDHA           | 405                   | 368         |
| Adani            | 660                   |             |
| Other CPPs       | 0                     |             |
|                  | <b>2265</b>           | <b>1175</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 0           |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1377</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 4673        |
|                  | <b>3455</b>           | <b>4673</b> |