



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**02/Oct/2012**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 02/Oct/2012 TUESDAY**

| <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                | 100.658        | 205.766        | 1) Gujrat                      | 11.958         | 26.997         |
| 2) Hydro                  | 5.862          | 13.868         | 2) Madhya Pradesh              | 16.570         | 34.516         |
| 3) Gas                    | 7.264          | 14.646         | 3) Chattisgarh                 | 11.010         | 23.070         |
| <b>Total MSGENCO</b>      | <b>113.784</b> | <b>234.280</b> | 4) Maharashtra                 | 50.922         | 106.693        |
| <b>B) 1) JSW JAIGAD</b>   | <b>25.323</b>  | <b>53.415</b>  | 5) Goa                         | -5.584         | -11.309        |
| 2) WPCL                   | 9.486          | 19.061         | 6) TAPS 1&2 Injection          | 4.180          | 8.914          |
| 3) ADANI                  | 10.930         | 22.060         | 7) RGPPL Injection             | 11.749         | 23.792         |
| 4) Other CPP / IPP        | 5.011          | 9.836          | 8) Pench (Excess)              | -0.415         | -0.981         |
| 5) Wind Generation        | 2.104          | 4.731          | <b># Total Cent. Sector</b>    | <b>100.390</b> | <b>211.692</b> |
| 6) PENCH (MS)             | 0.415          | 0.981          | <b>F) Other Exchanges</b>      |                |                |
| <b>C) TPCL &amp; REL</b>  |                |                | 1) With TPCL (Excess)          | -11.107        | -25.658        |
| 1) TPCL Thermal           | 25.558         | 53.663         | <b>G) Bilateral Power *</b>    |                |                |
| 2) TPCL Hydro             | 3.887          | 8.148          | 1) MSEDCL Bilateral            | 47.489         | 97.538         |
| <b>TOTAL TPCL</b>         | <b>29.445</b>  | <b>61.811</b>  | Include PX                     | 5.906          | 7.285          |
| 3) REL Thermal            | 12.310         | 24.882         | 2) MUMBAI Bilateral            | 12.510         | 25.810         |
| <b>D) STATE</b>           |                |                | Include PX                     | 1.755          | 3.684          |
| 1) Thermal (A1+C1+C3)     | 138.526        | 284.311        | 3) MUMBAI Schedule             | 12.510         | 25.810         |
| 2) Hydro (A2+B5+C2)       | 10.164         | 22.997         | <b>H) ENERGY CATERED (MUs)</b> |                |                |
| 3) Gas (A3)               | 7.264          | 14.646         | 1) MSEDCL                      | 256.336        | 530.398        |
| 4) Wind (B4)              | 2.104          | 4.731          | 2) TPCL                        | 35.064         | 74.773         |
| 5) CPP (B1+B2+B3)         | 50.750         | 93.242         | 3) REL                         | 17.793         | 37.570         |
| <b>TOTAL STATE</b>        | <b>208.808</b> | <b>419.927</b> | <b>TOTAL STATE</b>             | <b>309.193</b> | <b>642.741</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 20 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 4411                             | 4129                             | 4154                             |
| MSGENCO Hydro                   | 262                              | 544                              | 127                              |
| MSGENCO Gas                     | 308                              | 312                              | 305                              |
| <b>MSGENCO Total Generation</b> | <b>4981</b>                      | <b>4985</b>                      | <b>4586</b>                      |
| <b>Central Sector Receipt</b>   | <b>4637</b>                      | <b>4401</b>                      | <b>3550</b>                      |
| <b>WIND</b>                     | <b>20</b>                        | <b>220</b>                       | <b>34</b>                        |
| <b>CPP / IPP</b>                | <b>2123</b>                      | <b>2263</b>                      | <b>1950</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-591</b>                      | <b>-487</b>                      | <b>-440</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>11170</b>                     | <b>11435</b>                     | <b>9692</b>                      |
| <b>Load Shedding</b>            | <b>41</b>                        | <b>437</b>                       | <b>0</b>                         |
| <b>MSEDCL DEMAND</b>            | <b>11211</b>                     | <b>11872</b>                     | <b>9692</b>                      |
| <b>TPCL GENERATION</b>          | <b>1343</b>                      | <b>1563</b>                      | <b>827</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>524</b>                       | <b>524</b>                       | <b>405</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2458</b>                      | <b>2574</b>                      | <b>1672</b>                      |
| <b>STATE DEMAND MET</b>         | <b>13628</b>                     | <b>14009</b>                     | <b>11364</b>                     |
| <b>STATE DEMAND</b>             | <b>13669</b>                     | <b>14446</b>                     | <b>11364</b>                     |
| <b>Frequency (Hz)</b>           | <b>50.04</b>                     | <b>50.09</b>                     | <b>50.07</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 06.02 Hrs</b> | <b>49.66 Hz at 07.12 Hrs</b> | <b>50.07</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 02/Oct/2012

| 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           | 2.47        | 4.90          | 121      | 63       | 110      |
| Unit 7           | 2.31        | 4.99          | 130      | 40       | 120      |
| Total            | 4.78        | 9.89          |          |          | 230      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 2.88          | 0        | 0        | 0        |
| Unit 3           | 3.30        | 6.68          | 155      | 125      | 150      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 3.30        | 9.56          |          |          | 150      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.07        | 6.28          | 143      | 106      | 152      |
| Unit 4           | 3.51        | 6.86          | 175      | 135      | 150      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 3.89        | 7.58          | 195      | 134      | 160      |
| Unit 7           | 4.07        | 7.97          | 197      | 153      | 160      |
| Total            | 14.54       | 28.69         |          |          | 622      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.11        | 6.69          | 150      | 104      | 160      |
| Unit 2           | 2.82        | 6.14          | 140      | 71       | 140      |
| Unit 3           | 3.16        | 6.99          | 180      | 105      | 125      |
| Unit 4           | 3.14        | 7.10          | 178      | 93       | 150      |
| Unit 5           | 7.58        | 14.52         | 365      | 285      | 350      |
| Unit 6           | 8.98        | 18.15         | 450      | 305      | 450      |
| Unit 7           | 7.70        | 16.47         | 375      | 280      | 340      |
| Total            | 36.50       | 76.05         |          |          | 1715     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.93        | 9.31          | 239      | 39       | 200      |
| Unit 4           | 4.69        | 8.47          | 220      | 157      | 200      |
| Total            | 9.61        | 17.78         |          |          | 400      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.41        | 3.51          | 175      | 90       | 150      |
| Unit 2           | 3.33        | 6.98          | 165      | 120      | 150      |
| Unit 3           | 3.73        | 7.76          | 170      | 150      | 160      |
| Unit 4           | 3.48        | 7.46          | 159      | 128      | 160      |
| Unit 5           | 5.87        | 13.20         | 305      | 196      | 300      |
| Total            | 19.82       | 38.91         |          |          | 920      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.22        | 8.69          | 195      | 160      | 190      |
| Unit 4           | 4.07        | 8.23          | 195      | 148      | 180      |
| Unit 5           | 3.82        | 7.97          | 170      | 144      | 180      |
| Total            | 12.11       | 24.89         |          |          | 550      |
| Uran             |             |               |          |          |          |
| All Units        | 7.26        | 14.65         | 314      | 288      | 280      |
| Total            | 7.26        | 14.65         |          |          | 280      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.42        | 0.98          | 54       | 0        | 0        |
| Total            | 0.42        | 0.98          |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.99        | 4.97          | 410      | 40       | 600      |
| Stage 4          | 0.00        | 2.71          | 0        | 0        | 250      |
| Stage 3          | 0.73        | 1.45          | 226      | 0        | 320      |
| Kovna 12&4 Total | 1.99        | 7.68          |          |          | 850      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>2.72</b>  | <b>9.13</b>   |          |          | <b>1170</b> |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.00         | 0.19          | 0        | 0        | 18          |
| VTRNA            | 0.00         | 0.00          | 0        | 0        | 0           |
| TILLARI          | 0.50         | 0.92          | 60       | 0        | 60          |
| BHTGR/VEER       | 0.16         | 0.32          | 7        | 6        | 7           |
| BHIRA T.R.       | 0.27         | 0.46          | 82       | 0        | 80          |
| RNGR+BHTSA       | 0.33         | 0.67          | 15       | 13       | 14          |
| BHANDARDRA       | 0.50         | 0.51          | 34       | 6        | 0           |
| ELDARY           | 0.00         | 0.00          | 0        | 0        | 0           |
| SMLHY PTN        | 0.53         | 0.82          | 28       | 19       | 11          |
| GHATGHAR         | 0.85         | 0.85          | 125      | 0        | 0           |
| <b>Total</b>     | <b>3.14</b>  | <b>4.74</b>   |          |          | <b>190</b>  |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 0.12         | 0.32          |          |          |             |
| Vankuswadi       | 0.15         | 0.48          |          |          |             |
| ATIT             | 0.02         | 0.06          |          |          |             |
| Kale             | 0.06         | 0.15          |          |          |             |
| Satara           | 0.07         | 0.18          |          |          |             |
| Shirala          | 0.06         | 0.15          |          |          |             |
| K Mahankal       | 0.40         | 1.07          |          |          |             |
| Supa             | 0.06         | 0.13          |          |          |             |
| Vita             | 0.53         | 0.92          |          |          |             |
| Dondaicha        | 0.39         | 0.67          |          |          |             |
| Sakri            | 0.04         | 0.12          |          |          |             |
| Nandurbar        | 0.06         | 0.07          |          |          |             |
| Khandke          | 0.07         | 0.21          |          |          |             |
| Khaparale        | 0.07         | 0.18          |          |          |             |
| <b>Total</b>     | <b>2.10</b>  | <b>4.73</b>   |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 25.32        | 53.42         | 1207     | 954      | 950         |
| WARDHA           | 9.49         | 19.06         | 421      | 361      | 410         |
| Adani            | 10.93        | 22.06         | 520      | 380      |             |
| Other CPPs       | 5.01         | 9.84          |          |          |             |
| <b>Total</b>     | <b>50.75</b> | <b>104.37</b> |          |          | <b>1360</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 10.70        | 21.60         | 504      | 293      | 500         |
| Trombay 6        | 5.32         | 13.08         | 368      | 156      | 500         |
| Trombay 7A       | 2.23         | 4.27          | 127      | 66       | 120         |
| Trombay 7B       | 1.42         | 2.78          | 69       | 51       | 60          |
| Trombay 8        | 5.89         | 11.94         | 256      | 204      | 250         |
| TATA Hydro       | 3.89         | 8.15          | 306      | 0        | 318         |
| <b>Total</b>     | <b>29.44</b> | <b>61.81</b>  |          |          | <b>1748</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 12.31        | 24.88         | 526      | 405      | 500         |
| <b>Total</b>     | <b>12.31</b> | <b>24.88</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 4614        |
| <b>Total</b>     |              |               |          |          | <b>4614</b> |

|                    |              |               |               |  |  |              |
|--------------------|--------------|---------------|---------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 100.66        | 205.77        |  |  | 4587         |
|                    | Thml+Gas     | 107.92        | 220.41        |  |  | 4867         |
|                    | Hydro        | 5.86          | 13.87         |  |  | 1360         |
|                    | <b>Total</b> | <b>113.78</b> | <b>234.28</b> |  |  | <b>6227</b>  |
| <b>State Total</b> |              | <b>208.81</b> | <b>419.93</b> |  |  | <b>14449</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 02/Oct/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                  | 4327        | 97   | 288  | 4712   | 38   | 1994         | 4227        | 3709        | -699         | -637                 | 9842                    | 0                    | 9842                        | 2006                         | 11848           | 49.97         |
| 2                  | 4235        | 113  | 293  | 4641   | 57   | 1947         | 4011        | 3554        | -569         | -515                 | 9710                    | 0                    | 9710                        | 1835                         | 11545           | 49.95         |
| 3                  | 4191        | 112  | 294  | 4597   | 55   | 1922         | 3811        | 3630        | -466         | -525                 | 9705                    | 0                    | 9705                        | 1722                         | 11427           | 49.97         |
| 4                  | 4154        | 127  | 305  | 4586   | 34   | 1950         | 3656        | 3550        | -418         | -440                 | 9692                    | 0                    | 9692                        | 1672                         | 11364           | 50.07         |
| 5                  | 4230        | 102  | 305  | 4637   | 39   | 1978         | 3686        | 3518        | -414         | -279                 | 9905                    | 0                    | 9905                        | 1630                         | 11535           | 50.06         |
| 6                  | 4316        | 93   | 299  | 4708   | 71   | 2007         | 3977        | 3670        | -402         | -218                 | 10250                   | 9                    | 10259                       | 1677                         | 11936           | 50.07         |
| 7                  | 4398        | 103  | 295  | 4796   | 37   | 2175         | 3925        | 3560        | -377         | -193                 | 10387                   | 23                   | 10410                       | 1703                         | 12113           | 50.12         |
| 8                  | 4434        | 148  | 297  | 4879   | 16   | 2126         | 3935        | 3960        | -385         | -186                 | 10799                   | 26                   | 10825                       | 1754                         | 12579           | 50.07         |
| 9                  | 4523        | 332  | 295  | 5150   | 16   | 2082         | 3999        | 3962        | -410         | -208                 | 11002                   | 26                   | 11028                       | 1910                         | 12938           | 50.18         |
| 10                 | 4569        | 208  | 292  | 5069   | 17   | 2136         | 4591        | 4314        | -449         | -407                 | 11129                   | 13                   | 11142                       | 2198                         | 13340           | 50.11         |
| 11                 | 4411        | 262  | 308  | 4981   | 20   | 2123         | 4602        | 4637        | -507         | -591                 | 11170                   | 41                   | 11211                       | 2458                         | 13669           | 50.04         |
| 12                 | 4315        | 273  | 298  | 4886   | 19   | 2141         | 4570        | 4666        | -511         | -691                 | 11021                   | 73                   | 11094                       | 2570                         | 13664           | 50.02         |
| 13                 | 4117        | 203  | 298  | 4618   | 19   | 2132         | 4581        | 4699        | -517         | -692                 | 10776                   | 275                  | 11051                       | 2555                         | 13606           | 50.00         |
| 14                 | 4114        | 268  | 301  | 4683   | 20   | 2149         | 4487        | 4494        | -520         | -577                 | 10769                   | 276                  | 11045                       | 2467                         | 13512           | 49.98         |
| 15                 | 4070        | 211  | 300  | 4581   | 22   | 2129         | 4480        | 4671        | -523         | -567                 | 10836                   | 263                  | 11099                       | 2522                         | 13621           | 50.06         |
| 16                 | 4086        | 210  | 304  | 4600   | 102  | 2158         | 4345        | 4466        | -534         | -429                 | 10897                   | 239                  | 11136                       | 2516                         | 13652           | 50.13         |
| 17                 | 3933        | 496  | 310  | 4739   | 85   | 2135         | 4228        | 4401        | -508         | -387                 | 10973                   | 164                  | 11137                       | 2488                         | 13625           | 50.19         |
| 18                 | 4006        | 482  | 310  | 4798   | 104  | 2134         | 3845        | 4023        | -448         | -381                 | 10690                   | 223                  | 10913                       | 2475                         | 13388           | 50.05         |
| 19                 | 4089        | 700  | 312  | 5101   | 229  | 2216         | 4353        | 4422        | -491         | -460                 | 11561                   | 320                  | 11881                       | 2554                         | 14435           | 50.09         |
| 20                 | 4129        | 544  | 312  | 4985   | 220  | 2263         | 4640        | 4401        | -592         | -487                 | 11435                   | 437                  | 11872                       | 2574                         | 14446           | 50.09         |
| 21                 | 4130        | 331  | 311  | 4772   | 254  | 2281         | 4731        | 4564        | -634         | -520                 | 11405                   | 320                  | 11725                       | 2523                         | 14248           | 50.07         |
| 22                 | 4123        | 230  | 310  | 4663   | 233  | 2270         | 4767        | 4494        | -671         | -545                 | 11155                   | 312                  | 11467                       | 2452                         | 13919           | 50.19         |
| 23                 | 3962        | 103  | 313  | 4378   | 197  | 2209         | 4771        | 4510        | -729         | -587                 | 10755                   | 12                   | 10767                       | 2352                         | 13119           | 50.03         |
| 24                 | 3796        | 114  | 314  | 4224   | 200  | 2093         | 4772        | 4517        | -737         | -585                 | 10474                   | 6                    | 10480                       | 2249                         | 12729           | 50.10         |
| MUs                | 100.66      | 5.86 | 7.26 | 113.78 | 2.10 | 50.75        | 102.99      | 100.39      | -12.51       | -11.11               | 256.34                  | 3.06                 | 259.40                      | 52.86                        | 312.26          | 50.07         |

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 02/Oct/2012**

Position as on 6.30 Hrs of 03/Oct/2012

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                                              | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|---------------------------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                                               |               |
| Cent_Sect Tarapur 1     | 80       | 16/07/2012   | 22.15        |            | Continued. | Refueling work.                                               | 01/10/2012    |
| Koyna ST-IV 2           | 250      | 20/08/2012   | 12.22        |            | Continued. | Buchholz relay alarm.Gen.T/F overhauling                      | 20/11/2012    |
| Cent_Sect NTPC(K-3)     | 210      | 06/09/2012   | 00.13        |            | Continued. | AOH.                                                          |               |
| Parli Unit 5            | 210      | 06/09/2012   | 04.20        |            | Continued. | Flame failure,converted to C.O.H from 15.09.2012(intimated on | 29/10/2012    |
| Koradi Unit 5           | 200      | 16/09/2012   | 04.23        |            | Continued. | Low Bunkering, Converted to C O H from 20/09/2012.            |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                                               |               |
| Dabhol 1B               | 230      | 23/07/2012   | 15.57        |            | Continued. | Combustion Inspection                                         |               |
| Dabhol 1X               | 290      | 10/08/2012   | 17.31        | 02/10/2012 | 05.51      | Gas Shortage.                                                 |               |
| Tata TATA Hydro         | 444      | 05/09/2012   | 03:30        |            | Continued. | BHIRA (BPSU-150MW)Unit tripped due to stator winding fault.   |               |
| Uran Unit 8             | 108      | 10/09/2012   | 21.07        |            | Continued. | Gas shortage.                                                 |               |
| Dabhol 2B               | 230      | 18/09/2012   | 18.42        |            | Continued. | Gas shortage.                                                 |               |
| Dabhol 3A               | 230      | 23/09/2012   | 09.35        |            | Continued. | Gas Shortage.                                                 |               |
| Bhusawal Unit 4         | 500      | 24/09/2012   | 01.35        |            | Continued. | Boiler Tube Leakage.                                          | 01/10/2012    |
| Bhusawal Unit 5         | 500      | 29/09/2012   | 23.17        |            | Continued. | B.T.G. & D.O.P. Work.                                         |               |
| Bhusawal Unit 2         | 210      | 01/10/2012   | 22.38        |            | Continued. | Boiler Validity Ext.                                          |               |
| Dabhol 1X               | 290      | 02/10/2012   | 09:46        | 02/10/2012 | 16:56      | High Vibration.                                               |               |
| Dabhol 1A               | 230      | 02/10/2012   | 09:46        | 02/10/2012 | 15:52      | W/Dn.due to high vibration.                                   |               |
| Paras Unit 3            | 250      | 02/10/2012   | 23:05        | 03/10/2012 | 02:08      | Furance Pressure High.                                        |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 02/Oct/2012**

Position as on 6.30 Hrs of 03/Oct/2012

| Name of Line                           | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                               |
|----------------------------------------|--------------|--------------|-----------------------------------|--------------------|----------------------------------------------------------------|
| <b>InterState</b>                      |              |              |                                   |                    |                                                                |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                |
| Kolhapur-Solapur (PG) II               | 25/09/2012   | 20.43        |                                   | Continued.         | Over Voltage.                                                  |
| Kolhapur - Mapusa - II                 | 27/09/2012   | 16.10        |                                   | Continued.         | Over Voltage.                                                  |
| Kolhapur-Solapur(PGCIL)-I              | 27/09/2012   | 23.48        |                                   | Continued.         | Over Voltage.                                                  |
| Dhule-Sar'Sarovar - II                 | 02/10/2012   | 22:46        |                                   | Continued.         | Over Voltage.                                                  |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                |
| Wardha - Deoli (PGCIL)                 | 27/09/2012   | 19.23        | 02/10/2012                        | 12:20              | Hand Tripped.                                                  |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                |
| Akola - Wardha - I                     | 02/10/2012   | 06.14        | 02/10/2012                        | 06.39              | Over Voltage.                                                  |
| Padgha-Tarapur - II                    | 02/10/2012   | 14:10        | 02/10/2012                        | 17:43              | Dist. Prot.                                                    |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                |
| Tarapur-Borivali                       | 02/10/2012   | 03.13        | 02/10/2012                        | 04.05              | Distance Protection.                                           |
| <b>IntraState</b>                      |              |              |                                   |                    |                                                                |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                |
| 400/220 KV Spare ICT @ Babaleshwar     | 05/07/2012   | 10.38        |                                   | Continued.         | Maintenance work.                                              |
| 400/220KV,200MVA Spare ICT at Kalwa.   | 22/08/2012   | 09.57        |                                   | Continued.         | Replacement of Isolator                                        |
| 400/220 KV 315 MVA ICT-III @ Padgha    | 29/09/2012   | 09.46        |                                   | Continued.         | B Ph.of A Bus PG Isolator (Taken on TBC for 2 Days).           |
| New Koyna - Koyna Stage IV - II        | 01/10/2012   | 12.22        | 02/10/2012                        | 10:04              | Relay Testing Work.Line is Ready for Charging from 15.20 Hrs.  |
| Koradi-Akola                           | 02/10/2012   | 06.13        | 02/10/2012                        | 21:15              | LILO Work of 400KV Akola-Koradi Line @ 400KV Nandgaonpeth S/S. |
| 400/220 KV 500 MVA ICT-I @ Deepnagar   | 02/10/2012   | 11:01        | 02/10/2012                        | 19:32              | For Checking Scada indication metering card checking in BCU.   |
| Koradi - Indiabull (Nandgaonpeth)      | 02/10/2012   | 21:14        | 02/10/2012                        | 21:15              | New Line Charged.                                              |
| Akola - Indiabull (Nandgaonpeth)       | 02/10/2012   | 21:14        | 02/10/2012                        | 21:15              | New Line Charged.                                              |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                |
| 220/132 KV 100 MVA ICT II at Girvali   | 14/04/2012   | 12:05        |                                   | Continued.         | Augumentation by 200 MVA ICT.                                  |
| 220/6.6kv Stn. T/F NO.IV @ KORADI      | 25/09/2012   | 13.06        |                                   | Continued.         | Testing work.                                                  |
| Bale - Lamboti I                       | 01/10/2012   | 09.07        | 02/10/2012                        | 19:22              | Conductor Replacement Work.                                    |
| Dhule-Chalishaon                       | 01/10/2012   | 13.14        |                                   | Continued.         | For Conneeting New Bbslr Ckt-II TO S/S Main Bus.               |
| Versova-Boiser                         | 02/10/2012   | 07:40        | 02/10/2012                        | 14:45              | A. M. Work.                                                    |
| Kalwa-Temghar                          | 02/10/2012   | 08:30        | 02/10/2012                        | 19:40              | Replacement of Aux Bus isolator.                               |
| Kandlagaon - Roha - II                 | 02/10/2012   | 09:30        | 02/10/2012                        | 18:45              | Breaker O/H Work.                                              |
| Miraj -Vita                            | 02/10/2012   | 09:32        | 02/10/2012                        | 13:20              | Q. M. Work.                                                    |
| Trombay - Tata Tie - II                | 02/10/2012   | 09:50        | 02/10/2012                        | 14:58              | For Software Uploading in the Realy at both end.               |
| Mhaisal - Miraj                        | 02/10/2012   | 14:27        | 02/10/2012                        | 18:54              | Maintenance Work.                                              |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                |
| 400/220 KV 100 MVA Spare Unit @ Koradi | 12/07/2012   | 07.11        |                                   | Continued.         | Main Buchholz protection operated.                             |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 02/Oct/2012**

Position as on 6.30 Hrs of 03/Oct/2012

| Name of Line                                | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                          |
|---------------------------------------------|--------------|--------------|---------------------------------|--------------------|-----------------------------------------------------------|
| Bhusawal- Aurangabad                        | 30/09/2012   | 16.23        |                                 | Continued.         | Over Voltage.(Repl.of insulator.opp.outage on 27.09.2012) |
| Lonikand- Koyna Stage IV                    | 01/10/2012   | 22.45        | 02/10/2012                      | 10:02              | Over Voltage.                                             |
| Lonikand- Koyna Stage IV                    | 02/10/2012   | 23:32        |                                 | Continued.         | Over Voltage.                                             |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                           |
| Magarpatta - Sirum                          | 21/07/2012   | 19.18        |                                 | Continued.         | To free TBC of Magarpatta.                                |
| Babaleshwar - Chalisgaon                    | 27/09/2012   | 15.02        |                                 | Continued.         | To Relief Dhule ICT Loading.                              |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                           |
| 400/220 KV 315 MVA ICT-II @ Dhule           | 04/08/2012   | 17.21        |                                 | Continued.         | B Ph. H V Side ICT-II Bushing Burst.                      |
| 400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR | 25/09/2012   | 15.38        |                                 | Continued.         | Differential protection operated.                         |
| Deepnagar-Aurangabad-I                      | 29/09/2012   | 11.31        |                                 | Continued.         | Dist.Prot.,Ready for Charging from 20.58 Hrs.             |
| Karad - Kolhapur - II                       | 30/09/2012   | 19.25        |                                 | Continued.         | On O/V Due to Heavy Lightining @ Karad.                   |
| Lonikand - Parli - II                       | 02/10/2012   | 01.31        | 02/10/2012                      | 08:59              | Over Voltage.                                             |
| Karad-Jaigad I                              | 02/10/2012   | 05.05        |                                 | Continued.         | Over Voltage.                                             |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                           |
| Mudshingi - Chikodi                         | 30/09/2012   | 19.40        |                                 | Continued.         | Distance Protection.                                      |
| Ghodbandar - Bhoisor (MSETCL)               | 02/10/2012   | 15:47        | 02/10/2012                      | 15:59              | One end trip.                                             |
| Ghatghar-Bapgaon                            | 02/10/2012   | 16:06        | 02/10/2012                      | 16:28              | Power system fault.                                       |
| Akola - Balapur - I                         | 02/10/2012   | 18:15        | 02/10/2012                      | 20:44              | Distance Protection Operated Zone 1 R Ph 16.4 KM.         |
| Dhamangaon - Badnera                        | 02/10/2012   | 18:35        | 02/10/2012                      | 18:42              | Breaker Tripped on Bednera end only (No indiction).       |
| <b>Voltage Level : 132KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                           |
| Nasik GCR - Ranwad                          | 03/10/2012   | 04:24        |                                 | Continued.         | Distance Protection.,Load affected 44 MW.                 |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 03/Oct/2012

| Generating unit    | Derated Capacity (MW) | OLC (MW) |
|--------------------|-----------------------|----------|
| <b>Koradi</b>      |                       |          |
| Unit 5             | 200                   |          |
| Unit 6             | 210                   |          |
| Unit 7             | 210                   |          |
|                    | <b>620</b>            |          |
| <b>Bhusawal</b>    |                       |          |
| Unit 2             | 210                   |          |
| Unit 3             | 210                   |          |
| Unit 4             | 500                   |          |
| Unit 5             | 500                   |          |
|                    | <b>1420</b>           |          |
| <b>Parli</b>       |                       |          |
| Unit 3             | 210                   |          |
| Unit 4             | 210                   |          |
| Unit 5             | 210                   |          |
| Unit 6             | 250                   |          |
| Unit 7             | 250                   |          |
|                    | <b>1130</b>           |          |
| <b>Chandrapur</b>  |                       |          |
| Unit 1             | 210                   |          |
| Unit 2             | 210                   |          |
| Unit 3             | 210                   |          |
| Unit 4             | 210                   |          |
| Unit 5             | 500                   |          |
| Unit 6             | 500                   |          |
| Unit 7             | 500                   |          |
|                    | <b>2340</b>           |          |
| <b>Paras</b>       |                       |          |
| Unit 3             | 250                   |          |
| Unit 4             | 250                   |          |
|                    | <b>500</b>            |          |
| <b>Khaparkheda</b> |                       |          |
| Unit 1             | 210                   |          |
| Unit 2             | 210                   |          |
| Unit 3             | 210                   |          |
| Unit 4             | 210                   |          |
| Unit 5             | 500                   |          |
|                    | <b>1340</b>           |          |
| <b>Nasik</b>       |                       |          |
| Unit 3             | 210                   |          |
| Unit 4             | 210                   |          |
| Unit 5             | 210                   |          |
|                    | <b>630</b>            |          |
| <b>Uran</b>        |                       |          |
| All Units          | 852                   |          |
|                    | <b>852</b>            |          |
| <b>PENCH (MS)</b>  |                       |          |
| Pench (MS)         | 53                    |          |
|                    | <b>53</b>             |          |
| <b>Koyna</b>       |                       |          |
| Stage 1-2          | 600                   |          |
| Stage 4            | 1000                  |          |
| Stage 3            | 320                   |          |
|                    | <b>1920</b>           |          |
| <b>Hydro</b>       |                       |          |
| KDPH               | 40                    |          |
| VTRNA              | 60                    |          |

| Generating unit  | Derated Capacity (MW) | OLC (MW) |
|------------------|-----------------------|----------|
| TILLARI          | 60                    |          |
| BHTGR/VEER       | 21                    |          |
| BHIRA T.R.       | 80                    |          |
| RNGR+BHTSA       | 20                    |          |
| BHANDARDRA       | 45                    |          |
| ELDARY           | 23                    |          |
| SMLHY PTN        | 12                    |          |
| GHATGHAR         | 250                   |          |
|                  | <b>611</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                   |          |
| WARDHA           | 405                   |          |
| Adani            | 660                   |          |
| Other CPPs       | 0                     |          |
|                  | <b>1665</b>           |          |
| <b>Tata</b>      |                       |          |
| Trombay 4        | 150                   |          |
| Trombay 5        | 500                   |          |
| Trombay 6        | 500                   |          |
| Trombay 7A       | 120                   |          |
| Trombay 7B       | 60                    |          |
| Trombay 8        | 250                   |          |
| TATA Hydro       | 444                   |          |
|                  | <b>2024</b>           |          |
| <b>REL</b>       |                       |          |
| 1&2              | 500                   |          |
|                  | <b>500</b>            |          |
| <b>Cent Sect</b> |                       |          |
| Share            | 3455                  |          |
|                  | <b>3455</b>           |          |