



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**10/Oct/2012**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 10/Oct/2012 WEDNESDAY**

| <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                | 105.708        | 968.518         | 1) Gujrat                      | 12.864         | 109.607         |
| 2) Hydro                  | 11.483         | 90.472          | 2) Madhya Pradesh              | 21.148         | 183.817         |
| 3) Gas                    | 7.411          | 85.533          | 3) Chattisgarh                 | 12.280         | 118.422         |
| <b>Total MSGENCO</b>      | <b>124.602</b> | <b>1144.523</b> | 4) Maharashtra                 | 55.406         | 552.791         |
| <b>B) 1) JSW JAIGAD</b>   | <b>27.323</b>  | <b>256.294</b>  | 5) Goa                         | -5.025         | -57.047         |
| 2) WPCL                   | 7.110          | 85.850          | 6) TAPS 1&2 Injection          | 4.200          | 42.416          |
| 3) ADANI                  | 8.370          | 94.350          | 7) RGPPL Injection             | 14.609         | 137.062         |
| 4) Other CPP / IPP        | 7.472          | 64.685          | 8) Pench (Excess)              | -0.816         | -6.852          |
| 5) Wind Generation        | 1.904          | 29.951          | <b># Total Cent. Sector</b>    | <b>114.666</b> | <b>1080.216</b> |
| 6) PENCH (MS)             | 0.816          | 6.852           | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -11.980        | -118.184        |
| 1) TPCL Thermal           | 30.570         | 282.970         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 4.399          | 39.532          | 1) MSEDCL Bilateral            | 42.322         | 418.775         |
| <b>TOTAL TPCL</b>         | <b>34.969</b>  | <b>322.502</b>  | Include PX                     | 2.757          | 13.585          |
| 3) REL Thermal            | 12.518         | 125.051         | 2) MUMBAI Bilateral            | 12.715         | 134.458         |
| <b>D) STATE</b>           |                |                 | Include PX                     | 2.562          | 25.464          |
| 1) Thermal (A1+C1+C3)     | 148.796        | 1376.539        | 3) MUMBAI Schedule             | 12.715         | 134.458         |
| 2) Hydro (A2+B5+C2)       | 16.698         | 136.856         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 7.411          | 85.533          | 1) MSEDCL                      | 280.283        | 2644.537        |
| 4) Wind (B4)              | 1.904          | 29.951          | 2) TPCL                        | 39.722         | 379.648         |
| 5) CPP (B1+B2+B3)         | 50.275         | 415.199         | 3) REL                         | 19.741         | 186.061         |
| <b>TOTAL STATE</b>        | <b>225.084</b> | <b>2044.078</b> | <b>TOTAL STATE</b>             | <b>339.746</b> | <b>3210.246</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 20 Hrs</b> | <b>C. Night Minimum at 3 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 4359                             | 4713                             | 4049                             |
| MSGENCO Hydro                   | 686                              | 787                              | 309                              |
| MSGENCO Gas                     | 295                              | 318                              | 311                              |
| <b>MSGENCO Total Generation</b> | <b>5340</b>                      | <b>5818</b>                      | <b>4669</b>                      |
| <b>Central Sector Receipt</b>   | <b>5256</b>                      | <b>5022</b>                      | <b>3887</b>                      |
| <b>WIND</b>                     | <b>38</b>                        | <b>80</b>                        | <b>138</b>                       |
| <b>CPP / IPP</b>                | <b>2208</b>                      | <b>2132</b>                      | <b>2152</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-756</b>                      | <b>-663</b>                      | <b>-142</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>12112</b>                     | <b>12409</b>                     | <b>10755</b>                     |
| <b>Load Shedding</b>            | <b>602</b>                       | <b>355</b>                       | <b>201</b>                       |
| <b>MSEDCL DEMAND</b>            | <b>12714</b>                     | <b>12764</b>                     | <b>10956</b>                     |
| <b>TPCL GENERATION</b>          | <b>1751</b>                      | <b>1745</b>                      | <b>1082</b>                      |
| <b>R-INFRA GENERATION</b>       | <b>523</b>                       | <b>521</b>                       | <b>524</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>3030</b>                      | <b>2929</b>                      | <b>1748</b>                      |
| <b>STATE DEMAND MET</b>         | <b>15142</b>                     | <b>15338</b>                     | <b>12503</b>                     |
| <b>STATE DEMAND</b>             | <b>15744</b>                     | <b>15693</b>                     | <b>12704</b>                     |
| <b>Frequency (Hz)</b>           | <b>50.05</b>                     | <b>50.06</b>                     | <b>49.90</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.34 Hz at 17.00 Hrs</b> | <b>49.55 Hz at 01.18 Hrs</b> | <b>49.96</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 10/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           | 3.18        | 27.90         | 154      | 102      | 150      |
| Unit 7           | 1.32        | 8.16          | 135      | 0        | 0        |
| Total            | 4.50        | 36.07         |          |          | 150      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.01        | 22.48         | 155      | 0        | 150      |
| Unit 3           | 3.19        | 32.98         | 160      | 120      | 150      |
| Unit 4           | 5.46        | 8.54          | 335      | 160      | 0        |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 11.66       | 64.00         |          |          | 300      |
| Parli            |             |               |          |          |          |
| Unit 3           | 2.99        | 29.03         | 152      | 109      | 130      |
| Unit 4           | 0.00        | 21.05         | 0        | 0        | 0        |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 4.11        | 40.11         | 200      | 155      | 155      |
| Unit 7           | 4.21        | 42.26         | 199      | 159      | 160      |
| Total            | 11.31       | 132.44        |          |          | 445      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.57        | 30.82         | 170      | 139      | 160      |
| Unit 2           | 3.47        | 29.40         | 160      | 123      | 160      |
| Unit 3           | 3.96        | 31.97         | 188      | 149      | 180      |
| Unit 4           | 0.00        | 21.83         | 0        | 0        | 0        |
| Unit 5           | 9.52        | 77.61         | 420      | 370      | 400      |
| Unit 6           | 9.76        | 85.93         | 450      | 285      | 425      |
| Unit 7           | 8.52        | 74.30         | 391      | 303      | 400      |
| Total            | 38.80       | 351.86        |          |          | 1725     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.80        | 40.74         | 247      | 156      | 180      |
| Unit 4           | 4.54        | 38.92         | 258      | 94       | 180      |
| Total            | 9.34        | 79.66         |          |          | 360      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.30        | 29.85         | 160      | 115      | 130      |
| Unit 2           | 3.03        | 31.85         | 160      | 90       | 130      |
| Unit 3           | 3.55        | 36.80         | 165      | 135      | 130      |
| Unit 4           | 3.51        | 36.55         | 162      | 133      | 130      |
| Unit 5           | 5.84        | 65.60         | 288      | 203      | 250      |
| Total            | 19.23       | 200.66        |          |          | 770      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.51        | 42.06         | 205      | 160      | 172      |
| Unit 4           | 2.17        | 22.83         | 187      | 0        | 0        |
| Unit 5           | 4.19        | 38.93         | 191      | 157      | 162      |
| Total            | 10.87       | 103.83        |          |          | 334      |
| Uran             |             |               |          |          |          |
| All Units        | 7.41        | 85.53         | 318      | 291      | 300      |
| Total            | 7.41        | 85.53         |          |          | 300      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.82        | 6.85          | 53       | 0        |          |
| Total            | 0.82        | 6.85          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 4.20        | 28.99         | 470      | 40       | 600      |
| Stage 4          | 3.51        | 22.70         | 579      | 0        | 250      |
| Stage 3          | 2.09        | 12.70         | 316      | 0        | 320      |
| Kovna 12&4 Total | 7.71        | 51.69         |          |          | 850      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>9.81</b>  | <b>64.39</b>  |          |          | <b>1170</b> |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.00         | 0.19          | 0        | 0        | 0           |
| VTRNA            | 0.00         | 0.00          | 0        | 0        | 0           |
| TILLARI          | 0.06         | 2.80          | 60       | 0        | 60          |
| BHTGR/VEER       | 0.12         | 1.64          | 6        | 5        | 0           |
| BHIRA T.R.       | 0.30         | 2.66          | 81       | 0        | 80          |
| RNGR+BHTSA       | 0.36         | 2.90          | 15       | 15       | 15          |
| BHANDARDRA       | 0.04         | 2.90          | 18       | 0        | 0           |
| ELDARY           | 0.00         | 0.00          | 0        | 0        | 0           |
| SMLHY PTN        | 0.64         | 6.97          | 32       | 24       | 15          |
| GHATGHAR         | 0.16         | 6.03          | 90       | 0        | 0           |
| <b>Total</b>     | <b>1.68</b>  | <b>26.09</b>  |          |          | <b>170</b>  |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 0.13         | 1.62          |          |          |             |
| Vankuswadi       | 0.16         | 2.16          |          |          |             |
| ATIT             | 0.01         | 1.26          |          |          |             |
| Kale             | 0.04         | 0.83          |          |          |             |
| Satara           | 0.20         | 3.72          |          |          |             |
| Shirala          | 0.06         | 0.93          |          |          |             |
| K Mahankal       | 0.00         | 1.56          |          |          |             |
| Supa             | 0.04         | 0.34          |          |          |             |
| Vita             | 0.05         | 6.45          |          |          |             |
| Dondaicha        | 0.77         | 7.82          |          |          |             |
| Sakri            | 0.16         | 0.87          |          |          |             |
| Nandurbar        | 0.08         | 0.90          |          |          |             |
| Khandke          | 0.12         | 0.81          |          |          |             |
| Khaparale        | 0.08         | 0.68          |          |          |             |
| <b>Total</b>     | <b>1.90</b>  | <b>29.95</b>  |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 27.32        | 256.29        | 1216     | 862      | 1100        |
| WARDHA           | 7.11         | 85.85         | 321      | 254      | 310         |
| Adani            | 8.37         | 94.35         | 370      | 320      |             |
| Other CPPs       | 7.47         | 64.68         |          |          |             |
| <b>Total</b>     | <b>50.28</b> | <b>501.18</b> |          |          | <b>1410</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 11.52        | 107.01        | 503      | 321      | 500         |
| Trombay 6        | 8.46         | 73.56         | 502      | 155      | 500         |
| Trombay 7A       | 2.92         | 27.56         | 125      | 118      | 120         |
| Trombay 7B       | 1.64         | 15.76         | 69       | 67       | 60          |
| Trombay 8        | 6.04         | 59.08         | 255      | 246      | 250         |
| TATA Hydro       | 4.40         | 39.53         | 306      | 0        | 318         |
| <b>Total</b>     | <b>34.97</b> | <b>322.50</b> |          |          | <b>1748</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 12.52        | 125.05        | 524      | 510      | 500         |
| <b>Total</b>     | <b>12.52</b> | <b>125.05</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 4840        |
| <b>Total</b>     |              |               |          |          | <b>4840</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 105.71        | 968.52         |  |  | 4084         |
|                    | Thml+Gas     | 113.12        | 1054.05        |  |  | 4384         |
|                    | Hydro        | 11.48         | 90.47          |  |  | 1340         |
|                    | <b>Total</b> | <b>124.60</b> | <b>1144.52</b> |  |  | <b>5724</b>  |
| <b>State Total</b> |              | <b>225.08</b> | <b>2044.08</b> |  |  | <b>14222</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 10/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                  | 4179        | 514   | 310  | 5003   | 100  | 2127         | 4132        | 4391        | -398         | -421                 | 11251                   | 143                  | 11394                       | 2032                         | 13426           | 49.96         |
| 2                  | 4052        | 424   | 311  | 4787   | 101  | 2143         | 3990        | 4131        | -265         | -248                 | 10964                   | 193                  | 11157                       | 1850                         | 13007           | 49.80         |
| 3                  | 4049        | 309   | 311  | 4669   | 138  | 2152         | 3907        | 3887        | -177         | -142                 | 10755                   | 201                  | 10956                       | 1748                         | 12704           | 49.90         |
| 4                  | 4120        | 129   | 312  | 4561   | 147  | 2162         | 3834        | 4023        | -99          | -123                 | 10821                   | 217                  | 11038                       | 1693                         | 12731           | 50.00         |
| 5                  | 4181        | 89    | 315  | 4585   | 98   | 2158         | 3999        | 4351        | -258         | -223                 | 11020                   | 250                  | 11270                       | 1666                         | 12936           | 49.91         |
| 6                  | 4137        | 550   | 316  | 5003   | 80   | 2161         | 4047        | 4276        | -277         | -210                 | 11361                   | 398                  | 11759                       | 1753                         | 13512           | 49.88         |
| 7                  | 4143        | 556   | 315  | 5014   | 62   | 2156         | 4166        | 4245        | -321         | -239                 | 11289                   | 833                  | 12122                       | 1853                         | 13975           | 49.91         |
| 8                  | 4255        | 509   | 311  | 5075   | 37   | 2135         | 4231        | 4509        | -381         | -266                 | 11513                   | 840                  | 12353                       | 1979                         | 14332           | 49.82         |
| 9                  | 4199        | 658   | 310  | 5167   | 17   | 2130         | 4110        | 4563        | -427         | -337                 | 11548                   | 819                  | 12367                       | 2298                         | 14665           | 49.88         |
| 10                 | 4136        | 878   | 306  | 5320   | 20   | 2139         | 4638        | 4943        | -529         | -489                 | 11933                   | 548                  | 12481                       | 2722                         | 15203           | 49.92         |
| 11                 | 4213        | 808   | 301  | 5322   | 15   | 2102         | 5083        | 5450        | -621         | -713                 | 12189                   | 436                  | 12625                       | 2982                         | 15607           | 49.91         |
| 12                 | 4359        | 686   | 295  | 5340   | 38   | 2208         | 5274        | 5256        | -801         | -756                 | 12112                   | 602                  | 12714                       | 3030                         | 15744           | 50.05         |
| 13                 | 4449        | 374   | 299  | 5122   | 73   | 1841         | 5011        | 5363        | -773         | -757                 | 11667                   | 730                  | 12397                       | 3029                         | 15426           | 50.05         |
| 14                 | 4469        | 289   | 297  | 5055   | 75   | 1877         | 4935        | 5467        | -710         | -684                 | 11815                   | 668                  | 12483                       | 2958                         | 15441           | 50.09         |
| 15                 | 4556        | 494   | 296  | 5346   | 75   | 1893         | 4826        | 5356        | -758         | -757                 | 11938                   | 588                  | 12526                       | 3027                         | 15553           | 49.88         |
| 16                 | 4651        | 729   | 291  | 5671   | 63   | 1946         | 4675        | 5073        | -769         | -768                 | 12010                   | 511                  | 12521                       | 3029                         | 15550           | 49.91         |
| 17                 | 4666        | 380   | 300  | 5346   | 74   | 2014         | 4699        | 5391        | -738         | -769                 | 12081                   | 428                  | 12509                       | 3026                         | 15535           | 49.91         |
| 18                 | 4590        | 830   | 316  | 5736   | 80   | 2058         | 4435        | 4504        | -691         | -731                 | 11666                   | 378                  | 12044                       | 2999                         | 15043           | 50.11         |
| 19                 | 4631        | 682   | 317  | 5630   | 103  | 2097         | 4752        | 5156        | -683         | -669                 | 12370                   | 287                  | 12657                       | 2934                         | 15591           | 49.97         |
| 20                 | 4713        | 787   | 318  | 5818   | 80   | 2132         | 4856        | 5022        | -662         | -663                 | 12409                   | 355                  | 12764                       | 2929                         | 15693           | 50.06         |
| 21                 | 4795        | 397   | 316  | 5508   | 120  | 2127         | 4619        | 4992        | -609         | -456                 | 12342                   | 326                  | 12668                       | 2680                         | 15348           | 50.04         |
| 22                 | 4698        | 231   | 316  | 5245   | 101  | 2162         | 4602        | 4897        | -606         | -480                 | 11945                   | 313                  | 12258                       | 2527                         | 14785           | 50.06         |
| 23                 | 4708        | 95    | 316  | 5119   | 110  | 2178         | 4349        | 4886        | -613         | -542                 | 11802                   | 155                  | 11957                       | 2426                         | 14383           | 50.02         |
| 24                 | 4759        | 85    | 316  | 5160   | 97   | 2177         | 4220        | 4534        | -548         | -537                 | 11482                   | 121                  | 11603                       | 2297                         | 13900           | 50.09         |
| MUs                | 105.71      | 11.48 | 7.41 | 124.60 | 1.90 | 50.28        | 107.39      | 114.67      | -12.71       | -11.98               | 280.28                  | 10.34                | 290.62                      | 59.47                        | 350.09          | 49.96         |

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 10/Oct/2012**

Position as on 6.30 Hrs of 11/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.                                               | 09/10/2012    |
| 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        | 10/10/2012 | 05.53      | 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>    |          |              |              |            |            |                                                               |               |
| Tata TATA Hydro         | 444      | 05/09/2012   | 03:30        |            | Continued. | BHIRA (BPSU-150MW)Unit tripped due to stator winding fault.   |               |
| Dabhol 2B               | 230      | 18/09/2012   | 18.42        |            | Continued. | Gas shortage.                                                 |               |
| Bhusawal Unit 5         | 500      | 29/09/2012   | 23.17        |            | Continued. | B.T.G. & D.O.P. Work.                                         |               |
| Dabhol 2X               | 290      | 02/10/2012   | 07.15        |            | Continued. | Gas Shortage.                                                 |               |
| Dabhol 2A               | 230      | 02/10/2012   | 07.16        |            | Continued. | Gas Shortage.                                                 |               |
| Koradi Unit 7           | 210      | 04/10/2012   | 09.36        | 10/10/2012 | 08.57      | M.S.temp.low.                                                 |               |
| Dabhol 1A               | 230      | 05/10/2012   | 15.00        |            | Continued. | Gas Shortage.                                                 |               |
| Uran Unit 6             | 108      | 06/10/2012   | 13.25        |            | Continued. | Gas Shortage.                                                 |               |
| Parli Unit 4            | 210      | 07/10/2012   | 07.25        |            | Continued. | Drum Level Low.                                               |               |
| CPP WPCL U-3            | 135      | 07/10/2012   | 08.03        | 11/10/2012 | 00.35      | Turbine Inlet Steam Leakage.                                  |               |
| Uran Unit 8             | 108      | 07/10/2012   | 10.43        |            | Continued. | Gas Shortage.                                                 |               |
| Chandrapur Unit 4       | 210      | 08/10/2012   | 23.30        |            | Continued. | Boiler Tube Leakage.                                          |               |
| Cent_Sect sipat-5       | 500      | 09/10/2012   | 10.38        |            | Continued. | BLR T/L.                                                      |               |
| Nasik Unit 4            | 210      | 09/10/2012   | 13.50        | 10/10/2012 | 10.30      | Air heater Tripped.                                           |               |
| Dabhol 1X               | 290      | 09/10/2012   | 13.56        |            | Continued. | Gas Shortage.                                                 |               |
| Dabhol 1B               | 230      | 09/10/2012   | 13.56        |            | Continued. | Gas Shortage.                                                 |               |
| Bhusawal Unit 2         | 210      | 10/10/2012   | 00.50        | 10/10/2012 | 02.58      | Furnace Draft High.                                           |               |
| CPP JSW (J) U2          | 300      | 10/10/2012   | 12.38        | 10/10/2012 | 15.45      | Problem in CW line.                                           |               |
| Koyna UNIT 6            | 75       | 10/10/2012   | 13.55        | 10/10/2012 | 15.50      | Oil Leakage.                                                  |               |
| Chandrapur Unit 6       | 500      | 11/10/2012   | 06.32        |            | Continued. | Low Vaccume.                                                  |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 10/Oct/2012**

Position as on 6.30 Hrs of 11/Oct/2012

| Name of Line                         | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                |
|--------------------------------------|--------------|--------------|-----------------------------------|-------------------|-----------------------------------------------------------------|
| <b>InterState</b>                    |              |              |                                   |                   |                                                                 |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                 |
| Wardha - Deoli (PGCIL)               | 06/10/2012   | 10.26        |                                   | Continued.        | WT Replacement Work, Ready for charging 15.45Hrs.Dt.06.10.2012  |
| <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            | 04/10/2012   | 21.19        |                                   | Continued.        | Over Voltage.                                                   |
| Wardha - Seoni - I                   | 04/10/2012   | 22.03        |                                   | Continued.        | Over Voltage.                                                   |
| Parli-Parli (PGCIL) I                | 08/10/2012   | 00.40        |                                   | Continued.        | Over Voltage.                                                   |
| Dhule-S'Sarovar I                    | 09/10/2012   | 22.18        | 10/10/2012                        | 09.31             | Over Voltage.                                                   |
| Dhule-S'Sarovar I                    | 10/10/2012   | 23.27        |                                   | Continued.        | Over Voltage.                                                   |
| <b>IntraState</b>                    |              |              |                                   |                   |                                                                 |
| <b>Voltage Level : 500KV</b>         |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                 |
| HVDC POLE - II                       | 09/10/2012   | 23.43        | 10/10/2012                        | 05.10             | The problem of expansion vessel C2 by Replacement of V25 valve. |
| HVDC POLE - II                       | 10/10/2012   | 17.20        | 10/10/2012                        | 21.27             | EY leakage in Y-Ph Thyristor at C'pur end.                      |
| <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 315MVA ICT-II @ Karad     | 04/10/2012   | 10.37        | 10/10/2012                        | 19.38             | Fire protection work.                                           |
| 400/220 KV 300 MVA ICT-I @ Koradi    | 05/10/2012   | 09.20        |                                   | Continued.        | Oil Filtration                                                  |
| TBC at Khadka                        | 10/10/2012   | 09.18        | 10/10/2012                        | 17.10             | Trial of interface wiring of Khadka-Deepnagar I.                |
| Parli - Lamboti                      | 10/10/2012   | 10.32        | 10/10/2012                        | 12.29             | Taking Reactor in service.                                      |
| 400/220 KV 500 MVA ICT - I @ Lamboti | 10/10/2012   | 13.11        | 10/10/2012                        | 15.25             | Hot Spot.                                                       |
| <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.                                                   |
| Dhule-Chalisgaon                     | 01/10/2012   | 13.14        |                                   | Continued.        | For Connecting New Bbslr Ckt-II TO S/S Main Bus.                |
| Main Bus-I at Koradi.                | 09/10/2012   | 11.03        | 10/10/2012                        | 18.10             | Repl.of old CT's by new CT's.                                   |
| Khaperkheda-Purti                    | 10/10/2012   | 07.46        | 10/10/2012                        | 19.19             | Stringing of 220KV Butibori-VIPL D/C line.                      |
| Khaperkheda - Wardha.                | 10/10/2012   | 07.48        | 10/10/2012                        | 19.19             | Stringing of 220KV Butibori-VIPL D/C line.                      |
| Usmanabad-Barshi                     | 10/10/2012   | 10.05        | 10/10/2012                        | 13.25             | Q.M.Work                                                        |
| 220/132 KV 200 MVA ICT-I @ Bale      | 10/10/2012   | 10.07        | 10/10/2012                        | 17.37             | Maintenance work.                                               |
| Usmanabad-Paranda                    | 10/10/2012   | 10.40        | 10/10/2012                        | 13.23             | Q.M.Work                                                        |
| Apta-Nagothane                       | 10/10/2012   | 11.11        | 10/10/2012                        | 12.51             | Taken on TBC,Y-Ph CB Hot Spot at N'gothane.                     |
| Century Enka - Bhosari               | 10/10/2012   | 12.01        | 10/10/2012                        | 17.43             | Trial of Auto recloser.                                         |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 10/Oct/2012**

Position as on 6.30 Hrs of 11/Oct/2012

| Name of Line                                | Tripped Date | Tripped Time | Synchronised Date                | Synchronised Time | Reason of Outage                                          |
|---------------------------------------------|--------------|--------------|----------------------------------|-------------------|-----------------------------------------------------------|
| Main Bus @ Usmanabad                        | 10/10/2012   | 13.10        | 10/10/2012                       | 18.28             | Replacement of Bus PT.                                    |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type FORCED OUTAGE</b> |                   |                                                           |
| Main Bus @ Vita                             | 10/10/2012   | 13.23        | 10/10/2012                       | 17.33             | Bus Bar testing 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.                        |
| Bhusawal- Aurangabad                        | 30/09/2012   | 16.23        |                                  | Continued.        | Over Voltage.(Repl.of insulator.opp.outage on 27.09.2012) |
| Karad - Kolhapur - II                       | 09/10/2012   | 22.00        | 10/10/2012                       | 06.14             | Over Voltage.                                             |
| Lonikand- Koyna Stage IV                    | 10/10/2012   | 00.29        | 10/10/2012                       | 08.01             | Over Voltage.                                             |
| Karad - Kolhapur - II                       | 10/10/2012   | 22.06        |                                  | Continued.        | Over Voltage.                                             |
| Lonikand- Koyna Stage IV                    | 11/10/2012   | 00.46        |                                  | 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.             |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type TRIPPED</b>       |                   |                                                           |
| Mudshingi - Chikodi                         | 30/09/2012   | 19.40        |                                  | Continued.        | Distance Protection.                                      |
| Parli Ext.-Nanded                           | 08/10/2012   | 19.19        | 10/10/2012                       | 22.45             | R Ph.C T Burst.                                           |
| Parly (Ext.) - Beed - II                    | 10/10/2012   | 03.39        | 10/10/2012                       | 04.42             | Y-Ph CT Patoda II failed.                                 |
| Beed-Patoda I                               | 10/10/2012   | 03.39        | 10/10/2012                       | 04.45             | C.T.Failed.                                               |
| Beed-Patoda II                              | 10/10/2012   | 03.39        | 10/10/2012                       | 19.55             | C.T.Failed.                                               |
| Parli(Ext.)-Beed I                          | 10/10/2012   | 03.39        | 10/10/2012                       | 04.40             | Y-Ph CT Patoda II failed.                                 |
| Wardha Power - Warora-I                     | 10/10/2012   | 07.38        | 10/10/2012                       | 10.39             | R-Ph wave trap jumper open.                               |
| <b>Voltage Level : 132KV</b>                |              |              | <b>Outage Type TRIPPED</b>       |                   |                                                           |
| 132/11 KV 16 MVA T/F - I @ Nanded           | 07/10/2012   | 04.25        |                                  | Continued.        | Got Fired.                                                |
| Manmad-Pimperkhed                           | 09/10/2012   | 21.36        |                                  | Continued.        | B-Ph CT Failed.                                           |
| Malegaon - Mehekar                          | 10/10/2012   | 18.40        | 10/10/2012                       | 18.45             | Distance Protection.                                      |
| Shahada - Dondaicha                         | 10/10/2012   | 19.35        |                                  | Continued.        | Distance Protection.                                      |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 11/Oct/2012

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 110         |
| Unit 7             | 210                   | 90          |
|                    | <b>620</b>            | <b>200</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 124         |
| Unit 3             | 210                   | 134         |
| Unit 4             | 500                   |             |
| Unit 5             | 500                   |             |
|                    | <b>1420</b>           | <b>258</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 132         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 180         |
| Unit 7             | 250                   | 160         |
|                    | <b>1130</b>           | <b>472</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 161         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 350         |
|                    | <b>2340</b>           | <b>1651</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 210         |
| Unit 4             | 250                   | 191         |
|                    | <b>500</b>            | <b>401</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 160         |
| Unit 5             | 500                   | 250         |
|                    | <b>1340</b>           | <b>870</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 210                   | 180         |
|                    | <b>630</b>            | <b>550</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 300         |
|                    | <b>852</b>            | <b>300</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                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 0           |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 5           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 15          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 27          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>187</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                   | 1094        |
| WARDHA           | 405                   | 410         |
| Adani            | 660                   |             |
| Other CPPs       | 0                     |             |
|                  | <b>1665</b>           | <b>1504</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 318         |
|                  | <b>2024</b>           | <b>1748</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 5393        |
|                  | <b>3455</b>           | <b>5393</b> |