



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**02/Nov/2012**

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

| <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                | 106.794        | 205.895        | 1) Gujrat                      | 10.028         | 19.777         |
| 2) Hydro                  | 5.419          | 14.811         | 2) Madhya Pradesh              | 17.411         | 36.716         |
| 3) Gas                    | 8.419          | 19.389         | 3) Chattisgarh                 | 10.850         | 23.470         |
| <b>Total MSGENCO</b>      | <b>120.632</b> | <b>240.095</b> | 4) Maharashtra                 | 69.724         | 135.451        |
| <b>B) 1) JSW JAIGAD</b>   | 26.870         | 53.532         | 5) Goa                         | -6.714         | -13.327        |
| 2) WPCL                   | 8.788          | 17.594         | 6) TAPS 1&2 Injection          | 3.797          | 7.574          |
| 3) ADANI                  | 9.510          | 19.070         | 7) RGPPL Injection             | 13.035         | 26.615         |
| 4) Other CPP / IPP        | 7.749          | 15.806         | 8) Pench (Excess)              | -0.498         | -0.844         |
| 5) Wind Generation        | 5.737          | 17.671         | <b># Total Cent. Sector</b>    | <b>117.633</b> | <b>235.432</b> |
| 6) PENCH (MS)             | 0.785          | 1.503          | <b>F) Other Exchanges</b>      |                |                |
| <b>C) TPCL &amp; REL</b>  |                |                | 1) With TPCL (Excess)          | -14.212        | -24.236        |
| 1) TPCL Thermal           | 26.666         | 55.561         | <b>G) Bilateral Power *</b>    |                |                |
| 2) TPCL Hydro             | 3.730          | 7.685          | 1) MSEDCL Bilateral            | 47.855         | 96.244         |
| <b>TOTAL TPCL</b>         | <b>30.396</b>  | <b>63.246</b>  | Include PX                     | 0.000          | 0.000          |
| 3) REL Thermal            | 12.284         | 24.920         | 2) MUMBAI Bilateral            | 14.345         | 27.985         |
| <b>D) STATE</b>           |                |                | Include PX                     | 1.867          | 3.222          |
| 1) Thermal (A1+C1+C3)     | 145.744        | 286.376        | 3) MUMBAI Schedule             | 14.345         | 27.985         |
| 2) Hydro (A2+B5+C2)       | 9.934          | 23.999         | <b>H) ENERGY CATERED (MUs)</b> |                |                |
| 3) Gas (A3)               | 8.419          | 19.389         | 1) MSEDCL                      | 283.492        | 576.467        |
| 4) Wind (B4)              | 5.737          | 17.671         | 2) TPCL                        | 38.367         | 75.846         |
| 5) CPP (B1+B2+B3)         | 52.917         | 96.442         | 3) REL                         | 18.525         | 36.553         |
| <b>TOTAL STATE</b>        | <b>222.751</b> | <b>443.877</b> | <b>TOTAL STATE</b>             | <b>340.384</b> | <b>688.866</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 19 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 4380                             | 4626                             | 4339                             |
| MSGENCO Hydro                   | 550                              | 348                              | 75                               |
| MSGENCO Gas                     | 276                              | 295                              | 461                              |
| <b>MSGENCO Total Generation</b> | <b>5206</b>                      | <b>5269</b>                      | <b>4875</b>                      |
| <b>Central Sector Receipt</b>   | <b>5464</b>                      | <b>5380</b>                      | <b>4136</b>                      |
| <b>WIND</b>                     | <b>196</b>                       | <b>173</b>                       | <b>349</b>                       |
| <b>CPP / IPP</b>                | <b>2321</b>                      | <b>2277</b>                      | <b>2115</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-707</b>                      | <b>-857</b>                      | <b>-413</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>12506</b>                     | <b>12293</b>                     | <b>11071</b>                     |
| <b>Load Shedding</b>            | <b>740</b>                       | <b>248</b>                       | <b>88</b>                        |
| <b>MSEDCL DEMAND</b>            | <b>13246</b>                     | <b>12541</b>                     | <b>11159</b>                     |
| <b>TPCL GENERATION</b>          | <b>1629</b>                      | <b>1445</b>                      | <b>835</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>526</b>                       | <b>527</b>                       | <b>390</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2862</b>                      | <b>2829</b>                      | <b>1638</b>                      |
| <b>STATE DEMAND MET</b>         | <b>15368</b>                     | <b>15122</b>                     | <b>12709</b>                     |
| <b>STATE DEMAND</b>             | <b>16108</b>                     | <b>15370</b>                     | <b>12797</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.93</b>                     | <b>50.05</b>                     | <b>50.15</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.42 Hz at 23.04 Hrs</b> | <b>49.62 Hz at 08.16 Hrs</b> | <b>50.01</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/Nov/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           | 3.55        | 7.31          | 160      | 136      | 145      |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 3.55        | 7.31          |          |          | 145      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 3.29        | 6.75          | 165      | 125      | 150      |
| Unit 4           |             | 0.00          | 0        | 0        |          |
| Unit 5           |             | 0.00          | 0        | 0        |          |
| Total            | 3.29        | 6.75          |          |          | 150      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.55        | 6.85          | 158      | 140      | 150      |
| Unit 4           | 3.46        | 7.15          | 152      | 129      | 130      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 4.22        | 7.55          | 191      | 165      | 160      |
| Unit 7           | 3.84        | 7.62          | 190      | 91       | 160      |
| Total            | 15.07       | 29.17         |          |          | 600      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.45        | 7.00          | 151      | 134      | 150      |
| Unit 2           | 3.28        | 6.85          | 162      | 110      | 150      |
| Unit 3           | 0.00        | 0.76          | 0        | 0        | 0        |
| Unit 4           | 4.33        | 8.83          | 197      | 145      | 200      |
| Unit 5           | 9.91        | 19.52         | 440      | 370      | 425      |
| Unit 6           | 10.45       | 20.57         | 470      | 380      | 400      |
| Unit 7           | 7.96        | 16.52         | 400      | 214      | 300      |
| Total            | 39.39       | 80.03         |          |          | 1625     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.50        | 9.98          | 220      | 155      | 230      |
| Unit 4           | 4.76        | 9.95          | 242      | 174      | 230      |
| Total            | 9.26        | 19.94         |          |          | 460      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.84        | 7.76          | 170      | 140      | 160      |
| Unit 2           | 4.44        | 8.60          | 205      | 160      | 160      |
| Unit 3           | 4.63        | 9.07          | 202      | 178      | 190      |
| Unit 4           | 4.76        | 8.38          | 209      | 187      | 190      |
| Unit 5           | 7.85        | 9.76          | 365      | 305      | 350      |
| Total            | 25.53       | 43.56         |          |          | 1050     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 3.86        | 8.17          | 185      | 140      | 190      |
| Unit 4           | 4.02        | 8.15          | 182      | 145      | 190      |
| Unit 5           | 2.83        | 2.83          | 183      | 0        | 180      |
| Total            | 10.70       | 19.14         |          |          | 560      |
| Uran             |             |               |          |          |          |
| All Units        | 8.42        | 19.39         | 461      | 272      | 450      |
| Total            | 8.42        | 19.39         |          |          | 450      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.78        | 1.50          | 51       | 7        |          |
| Total            | 0.78        | 1.50          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.38        | 5.40          | 280      | 40       | 600      |
| Stage 4          | 0.00        | 2.22          | 0        | 0        | 250      |
| Stage 3          | 0.42        | 1.72          | 80       | 0        | 320      |
| Kovna 12&4 Total | 2.38        | 7.63          |          |          | 850      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>2.80</b>  | <b>9.35</b>   |          |          | <b>1170</b> |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.00         | 0.00          | 0        | 0        | 0           |
| VTRNA            | 0.00         | 0.00          | 0        | 0        | 0           |
| TILLARI          | 0.26         | 0.51          | 59       | 0        | 60          |
| BHTGR/VEER       | 0.00         | 0.05          | 0        | 0        | 2           |
| BHIRA T.R.       | 0.23         | 0.44          | 80       | 0        | 80          |
| RNGR+BHTSA       | 0.37         | 0.74          | 16       | 15       | 16          |
| BHANDARDRA       | 0.00         | 0.00          | 0        | 0        | 0           |
| ELDARY           | 0.00         | 0.00          | 0        | 0        | 0           |
| SMLHY PTN        | 0.41         | 0.86          | 25       | 14       | 8           |
| GHATGHAR         | 1.35         | 2.87          | 240      | 0        | 0           |
| <b>Total</b>     | <b>2.62</b>  | <b>5.46</b>   |          |          | <b>166</b>  |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 0.28         | 0.88          |          |          |             |
| Vankuswadi       | 0.44         | 1.73          |          |          |             |
| ATIT             | 0.07         | 0.26          |          |          |             |
| Kale             | 0.16         | 0.60          |          |          |             |
| Satara           | 1.45         | 4.94          |          |          |             |
| Shirala          | 0.16         | 0.94          |          |          |             |
| K Mahankal       | 0.05         | 0.10          |          |          |             |
| Supa             | 0.11         | 0.53          |          |          |             |
| Vita             | 1.16         | 3.11          |          |          |             |
| Dondaicha        | 0.98         | 2.27          |          |          |             |
| Sakri            | 0.12         | 0.30          |          |          |             |
| Nandurbar        | 0.05         | 0.14          |          |          |             |
| Khandke          | 0.38         | 1.11          |          |          |             |
| Khaparale        | 0.33         | 0.78          |          |          |             |
| <b>Total</b>     | <b>5.74</b>  | <b>17.67</b>  |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 26.87        | 53.53         | 1201     | 1040     | 1090        |
| WARDHA           | 8.79         | 17.59         | 376      | 357      | 366         |
| Adani            | 9.51         | 19.07         | 400      | 380      |             |
| Other CPPs       | 7.75         | 15.81         |          |          |             |
| <b>Total</b>     | <b>52.92</b> | <b>106.00</b> |          |          | <b>1456</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 10.78        | 21.85         | 503      | 290      | 500         |
| Trombay 6        | 5.79         | 12.98         | 392      | 156      | 500         |
| Trombay 7A       | 2.93         | 5.89          | 125      | 118      | 120         |
| Trombay 7B       | 1.64         | 3.28          | 69       | 67       | 60          |
| Trombay 8        | 5.53         | 11.57         | 253      | 186      | 250         |
| TATA Hydro       | 3.73         | 7.68          | 306      | 0        | 315         |
| <b>Total</b>     | <b>30.40</b> | <b>63.25</b>  |          |          | <b>1745</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 12.28        | 24.92         | 529      | 390      | 500         |
| <b>Total</b>     | <b>12.28</b> | <b>24.92</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 4870        |
| <b>Total</b>     |              |               |          |          | <b>4870</b> |

|                    |              |               |               |  |  |              |
|--------------------|--------------|---------------|---------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 106.79        | 205.90        |  |  | 4590         |
|                    | Thml+Gas     | 115.21        | 225.28        |  |  | 5040         |
|                    | Hydro        | 5.42          | 14.81         |  |  | 1336         |
|                    | <b>Total</b> | <b>120.63</b> | <b>240.10</b> |  |  | <b>6376</b>  |
| <b>State Total</b> |              | <b>222.75</b> | <b>443.88</b> |  |  | <b>14947</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/Nov/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                  | 4357        | 70   | 458  | 4885   | 485  | 2100         | 4707        | 4327        | -498         | -434                 | 11388                   | 25                   | 11413                       | 1956                         | 13369           | 49.96         |
| 2                  | 4341        | 75   | 459  | 4875   | 366  | 2103         | 4480        | 4283        | -466         | -392                 | 11260                   | 61                   | 11321                       | 1786                         | 13107           | 50.02         |
| 3                  | 4330        | 70   | 461  | 4861   | 327  | 2074         | 4362        | 4360        | -466         | -438                 | 11210                   | 76                   | 11286                       | 1696                         | 12982           | 50.00         |
| 4                  | 4339        | 75   | 461  | 4875   | 349  | 2115         | 4349        | 4136        | -450         | -413                 | 11071                   | 88                   | 11159                       | 1638                         | 12797           | 50.15         |
| 5                  | 4321        | 75   | 461  | 4857   | 392  | 2104         | 4334        | 4249        | -441         | -392                 | 11235                   | 117                  | 11352                       | 1623                         | 12975           | 49.87         |
| 6                  | 4184        | 205  | 325  | 4714   | 468  | 2127         | 4705        | 4599        | -458         | -246                 | 11709                   | 316                  | 12025                       | 1715                         | 13740           | 49.99         |
| 7                  | 4245        | 100  | 305  | 4650   | 439  | 2175         | 5099        | 4637        | -435         | -239                 | 11709                   | 855                  | 12564                       | 1816                         | 14380           | 50.04         |
| 8                  | 4359        | 80   | 306  | 4745   | 386  | 2309         | 5068        | 4862        | -415         | -313                 | 12036                   | 846                  | 12882                       | 1935                         | 14817           | 50.02         |
| 9                  | 4332        | 278  | 296  | 4906   | 260  | 2309         | 5109        | 4970        | -462         | -395                 | 12097                   | 849                  | 12946                       | 2206                         | 15152           | 49.86         |
| 10                 | 4382        | 565  | 293  | 5240   | 292  | 2308         | 5239        | 5040        | -600         | -537                 | 12369                   | 612                  | 12981                       | 2570                         | 15551           | 49.92         |
| 11                 | 4388        | 709  | 285  | 5382   | 251  | 2293         | 5399        | 5261        | -731         | -667                 | 12546                   | 530                  | 13076                       | 2822                         | 15898           | 49.99         |
| 12                 | 4380        | 550  | 276  | 5206   | 196  | 2321         | 5482        | 5464        | -820         | -707                 | 12506                   | 740                  | 13246                       | 2862                         | 16108           | 49.93         |
| 13                 | 4348        | 456  | 272  | 5076   | 127  | 2314         | 5466        | 5323        | -805         | -705                 | 12161                   | 840                  | 13001                       | 2846                         | 15847           | 49.93         |
| 14                 | 4364        | 298  | 272  | 4934   | 89   | 2285         | 5372        | 5276        | -712         | -679                 | 11931                   | 725                  | 12656                       | 2793                         | 15449           | 49.88         |
| 15                 | 4473        | 282  | 272  | 5027   | 82   | 2284         | 5452        | 5405        | -746         | -731                 | 12093                   | 623                  | 12716                       | 2845                         | 15561           | 49.94         |
| 16                 | 4412        | 355  | 276  | 5043   | 101  | 2286         | 5480        | 5572        | -774         | -783                 | 12245                   | 525                  | 12770                       | 2859                         | 15629           | 49.92         |
| 17                 | 4498        | 210  | 286  | 4994   | 149  | 2283         | 5571        | 5303        | -762         | -757                 | 11998                   | 390                  | 12388                       | 2853                         | 15241           | 49.93         |
| 18                 | 4585        | 86   | 310  | 4981   | 149  | 2265         | 5124        | 4934        | -683         | -794                 | 11584                   | 259                  | 11843                       | 2821                         | 14664           | 50.04         |
| 19                 | 4626        | 348  | 295  | 5269   | 173  | 2277         | 5229        | 5380        | -713         | -857                 | 12293                   | 248                  | 12541                       | 2829                         | 15370           | 50.05         |
| 20                 | 4657        | 207  | 387  | 5251   | 142  | 2167         | 5276        | 5062        | -638         | -845                 | 11827                   | 325                  | 12152                       | 2765                         | 14917           | 50.11         |
| 21                 | 4731        | 90   | 433  | 5254   | 128  | 2100         | 5167        | 5052        | -587         | -816                 | 11768                   | 273                  | 12041                       | 2644                         | 14685           | 50.10         |
| 22                 | 4757        | 75   | 420  | 5252   | 146  | 2106         | 5168        | 4644        | -580         | -800                 | 11395                   | 138                  | 11533                       | 2486                         | 14019           | 50.21         |
| 23                 | 4734        | 80   | 421  | 5235   | 129  | 2108         | 4662        | 4932        | -577         | -708                 | 11721                   | 20                   | 11741                       | 2341                         | 14082           | 50.09         |
| 24                 | 4651        | 80   | 389  | 5120   | 112  | 2104         | 4508        | 4565        | -525         | -564                 | 11344                   | 15                   | 11359                       | 2185                         | 13544           | 50.20         |
| MUs                | 106.79      | 5.42 | 8.42 | 120.63 | 5.74 | 52.92        | 120.81      | 117.64      | -14.34       | -14.21               | 283.50                  | 9.50                 | 292.99                      | 56.89                        | 349.88          | 50.01         |

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/Nov/2012**

Position as on 6.30 Hrs of 03/Nov/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.                                               |               |
| Parli Unit 5            | 210      | 06/09/2012   | 04.20        |            | Continued. | Flame failure,converted to C.O.H from 15.09.2012(intimated on | 04/11/2012    |
| 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.   | 31/12/2012    |
| 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        | 02/11/2012 | 13.26      | Gas Shortage.                                                 |               |
| Dabhol 2A               | 230      | 02/10/2012   | 07.16        | 02/11/2012 | 10.22      | Gas Shortage.                                                 |               |
| Dabhol 1B               | 230      | 09/10/2012   | 13.56        |            | Continued. | Gas Shortage.                                                 |               |
| CPP WPCL U-2            | 135      | 17/10/2012   | 00.23        |            | Continued. | Bottom ash problem.                                           |               |
| Bhusawal Unit 2         | 210      | 19/10/2012   | 22.22        |            | Continued. | ID Fan Problem                                                |               |
| Dabhol 3B               | 230      | 26/10/2012   | 00.49        |            | Continued. | Gas shortage.                                                 |               |
| Uran Unit 7             | 108      | 26/10/2012   | 13.26        |            | Continued. | Gas Shortage                                                  |               |
| Bhusawal Unit 4         | 500      | 29/10/2012   | 17.59        |            | Continued. | Class A Protection Operated.                                  |               |
| Nasik Unit 5            | 210      | 30/10/2012   | 05.25        | 02/11/2012 | 03.30      | Boiler Trip.                                                  |               |
| Koradi Unit 7           | 210      | 31/10/2012   | 23.07        |            | Continued. | Boiler validity.                                              | 03/11/2012    |
| Chandrapur Unit 3       | 210      | 01/11/2012   | 03.58        |            | Continued. | Air filter problem.                                           |               |
| Uran Unit 6             | 108      | 02/11/2012   | 05.10        | 02/11/2012 | 16.46      | Generator protection.                                         |               |
| Koyna ST-IV 1           | 250      | 02/11/2012   | 09.16        | 02/11/2012 | 20.00      | To attend water drain valve oil leakage.                      |               |
| Dabhol 1X               | 290      | 02/11/2012   | 16.26        |            | Continued. | Gas shortage.                                                 |               |
| Dabhol 1A               | 230      | 02/11/2012   | 16.27        |            | Continued. | Gas shortage.                                                 |               |
| Parli Unit 3            | 210      | 03/11/2012   | 01.02        |            | Continued. | AC supply failure.                                            |               |

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

Position as on 6.30 Hrs of 03/Nov/2012

| Name of Line                          | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                     |
|---------------------------------------|--------------|--------------|-----------------------------------|-------------------|----------------------------------------------------------------------|
| <b>InterState</b>                     |              |              |                                   |                   |                                                                      |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                      |
| Kolhapur-Solapur (PG) II              | 31/10/2012   | 15.47        |                                   | Continued.        | Over Voltage.                                                        |
| Kolhapur - Mapusa - II                | 01/11/2012   | 16.41        |                                   | Continued.        | Over Voltage.                                                        |
| Dhule-Sar'Sarovar - I                 | 01/11/2012   | 23.08        | 02/11/2012                        | 08.12             | Over Voltage.                                                        |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                      |
| Wardha - Deoli (PGCIL)                | 26/10/2012   | 14.05        | 02/11/2012                        | 07.00             | Hand Tripped                                                         |
| <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                                              |
| Padgha - Kharghar                     | 01/11/2012   | 07.36        | 02/11/2012                        | 17.47             | Damaged conductor Repl.work.                                         |
| Koradi - Indiabull (Nandgaonpeth)     | 02/11/2012   | 06.25        |                                   | Continued.        | Stringing work of 400KV D/C Koradi-Wardha-II line.                   |
| Lonikand - Chakan                     | 02/11/2012   | 11.30        | 02/11/2012                        | 18.37             | Attend hot spot.Taken on TBC.                                        |
| 400/220KV,500 MVA ICT-III at Kolhapur | 02/11/2012   | 13.38        | 02/11/2012                        | 14.35             | To check earth leakage.                                              |
| <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.                                        |
| Kalwa - Khargar                       | 19/10/2012   | 08.55        |                                   | Continued.        | Mumbai Strengthing work                                              |
| Mahape - Siemens                      | 19/10/2012   | 10.09        |                                   | Continued.        | Mumbai Strengthing work                                              |
| Lonand - Bothe (Surwadi)              | 27/10/2012   | 10.02        |                                   | Continued.        | 220KV Peripheral unit Configuration                                  |
| Padgha-Temghar I                      | 29/10/2012   | 09.50        | 02/11/2012                        | 09.14             | C B Overhauling Work.                                                |
| Koradi-Butibori                       | 02/11/2012   | 06.05        |                                   | Continued.        | Stringing work of 400KV D/C Koradi wardha-II.                        |
| Koradi-Ambazari-I                     | 02/11/2012   | 06.07        | 02/11/2012                        | 18.36             | Stringing work of 400KV D/C Koradi-Wardha-II.                        |
| Pedambe-Tambati                       | 02/11/2012   | 06.53        |                                   | Continued.        | For making arrangement to shift existing line and increasing height. |
| Koradi - Ambazari - II                | 02/11/2012   | 07.27        | 02/11/2012                        | 18.42             | Stringing work of \$00KV D/C Koradi-Wardha-II.                       |
| Nagothane - ACCIL                     | 02/11/2012   | 07.36        |                                   | Continued.        | For making arrangement to shift existing line and increasing height. |
| Bus sectionlizer @ Kalwa              | 02/11/2012   | 07.50        | 02/11/2012                        | 18.04             | Maintenance work.                                                    |
| ONGC-TSS                              | 02/11/2012   | 09.30        | 02/11/2012                        | 16.45             | Broken disc insulator replacement work.                              |
| Tifil-Trombay                         | 02/11/2012   | 09.45        | 02/11/2012                        | 17.34             | Tan delta jumper replacement .                                       |
| Jambhual - Pal-I                      | 02/11/2012   | 09.49        | 02/11/2012                        | 19.09             | Commissioning of autorecloser at Jambul.                             |
| Pophali - Pedambe - I                 | 02/11/2012   | 09.55        | 02/11/2012                        | 17.35             | Tree cutting work.                                                   |
| Malegaon - Satana - II                | 02/11/2012   | 10.01        | 02/11/2012                        | 13.02             | Q.M.Work                                                             |
| Kalwa - Siemens                       | 02/11/2012   | 11.02        | 02/11/2012                        | 18.14             | Y ph.CT leakage attending work.                                      |
| Nagothane - SPCL                      | 02/11/2012   | 13.04        | 02/11/2012                        | 18.06             | Attend breaker air leakage problem.                                  |
| <b>Voltage Level : 132KV</b>          |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                      |
| TBC AT 400KV Bhusawal-II              | 01/11/2012   | 09.14        |                                   | Continued.        | For overhauling of 132KV Ckt.Bkr.                                    |
| <b>Voltage Level : 100KV</b>          |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                      |

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

Position as on 6.30 Hrs of 03/Nov/2012

| Name of Line                                | Tripped Date | Tripped Time | Synchronised Date               | Synchronised Time | Reason of Outage                                                 |
|---------------------------------------------|--------------|--------------|---------------------------------|-------------------|------------------------------------------------------------------|
| Kalwa - Washi                               | 02/11/2012   | 06.05        | 02/11/2012                      | 15.55             | Mumbai strenthning work.                                         |
| Kalwa - Nocil - II                          | 02/11/2012   | 06.05        | 02/11/2012                      | 16.45             | Mumbai strenthning work.                                         |
| Kalwa - Nocil - I                           | 02/11/2012   | 06.05        | 02/11/2012                      | 16.40             | Mumbai strenthning work.                                         |
| Kalwa - Salshet - I                         | 02/11/2012   | 09.20        | 02/11/2012                      | 17.45             | Replacement of insulator.                                        |
| <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.                               |
| Karad - Kolhapur - I                        | 01/11/2012   | 13.47        | 02/11/2012                      | 08.48             | Over Voltage.                                                    |
| Bhusawal- Aurangabad                        | 01/11/2012   | 16.42        |                                 | Continued.        | Over Voltage.                                                    |
| Deepnagar-Aurangabad-I                      | 01/11/2012   | 17.07        |                                 | Continued.        | Over Voltage.                                                    |
| Khadka-Deepnagar-I                          | 01/11/2012   | 18.22        |                                 | Continued.        | For replacement of damaged PLCC card and carrier received relay. |
| Karad-Kolhapur-II                           | 01/11/2012   | 22.02        |                                 | Continued.        | Over Voltage                                                     |
| Karad - Kolhapur - I                        | 02/11/2012   | 21.32        |                                 | 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.                                       |
| <b>Voltage Level : 132KV</b>                |              |              | <b>Outage Type HAND TRIPPED</b> |                   |                                                                  |
| Kanhan - Mouda                              | 30/10/2012   | 13.25        |                                 | Continued.        | For Outage work.                                                 |
| Bhandara-Mouda                              | 30/10/2012   | 13.38        |                                 | Continued.        | For Outage work.                                                 |
| <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.                                |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                                  |
| Kolhapur-Mudsingi -I                        | 01/11/2012   | 23.55        | 02/11/2012                      | 03.12             | Distance protection.                                             |
| Pedambe - Oni                               | 02/11/2012   | 12.24        | 02/11/2012                      | 18.10             | Distance protection.                                             |
| Dhamangaon - Badnera                        | 02/11/2012   | 15.53        | 02/11/2012                      | 16.25             | Tripped while doing work on battery charger.                     |
| Ambazari - Abhijeet                         | 02/11/2012   | 18.48        | 02/11/2012                      | 19.543            | Tripped on PDR.                                                  |
| Khaparkheda-Kawlewada-II                    | 02/11/2012   | 18.54        |                                 | Continued.        | Distance protection.                                             |
| <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.        | Caught Fired.                                                    |
| Tiwsa-Talegaon Ckt.                         | 24/10/2012   | 10.52        |                                 | Continued.        | B-Ph CT Burst.                                                   |
| Akola-Akola MIDC                            | 02/11/2012   | 09.33        | 02/11/2012                      | 09.43             | Over current.                                                    |

# State Load Dispatch Center,Airoli (MSETCL)

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

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 145         |
| Unit 7             | 210                   | 0           |
|                    | <b>620</b>            | <b>145</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 134         |
| Unit 4             | 500                   |             |
| Unit 5             | 500                   |             |
|                    | <b>1420</b>           | <b>134</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 139         |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 160         |
| Unit 7             | 250                   | 168         |
|                    | <b>1130</b>           | <b>467</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 145         |
| Unit 2             | 210                   | 130         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 330         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1605</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 200         |
| Unit 4             | 250                   | 200         |
|                    | <b>500</b>            | <b>400</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 182         |
| Unit 2             | 210                   | 182         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 161         |
| Unit 5             | 500                   | 315         |
|                    | <b>1340</b>           | <b>1020</b> |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 210                   | 190         |
|                    | <b>630</b>            | <b>550</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 400         |
|                    | <b>852</b>            | <b>400</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                    | 2           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 16          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 9           |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>167</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                   | 1090        |
| WARDHA           | 405                   | 366         |
| Adani            | 660                   |             |
| Other CPPs       | 0                     |             |
|                  | <b>1665</b>           | <b>1456</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                   | 150         |
| TATA Hydro       | 444                   | 315         |
|                  | <b>2024</b>           | <b>1645</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 5071        |
|                  | <b>3455</b>           | <b>5071</b> |