



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**06/Dec/2012**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 06/Dec/2012 THURSDAY**

| <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                | 124.636        | 729.619         | 1) Gujrat                      | 11.037         | 58.334          |
| 2) Hydro                  | 23.152         | 71.293          | 2) Madhya Pradesh              | 16.118         | 93.013          |
| 3) Gas                    | 3.641          | 53.369          | 3) Chattisgarh                 | 12.130         | 72.540          |
| <b>Total MSGENCO</b>      | <b>151.429</b> | <b>854.281</b>  | 4) Maharashtra                 | 75.096         | 401.090         |
| <b>B) 1) JSW JAIGAD</b>   | 21.155         | 121.854         | 5) Goa                         | -6.134         | -33.117         |
| 2) WPCL                   | 8.870          | 53.103          | 6) TAPS 1&2 Injection          | 3.507          | 21.205          |
| 3) ADANI                  | 0.000          | 0.000           | 7) RGPPL Injection             | 6.047          | 54.203          |
| 4) Other CPP / IPP        | 9.601          | 63.107          | 8) Pench (Excess)              | -0.327         | -1.962          |
| 5) Wind Generation        | 4.679          | 31.464          | <b># Total Cent. Sector</b>    | <b>117.474</b> | <b>665.306</b>  |
| 6) PENCH (MS)             | 0.327          | 1.962           | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -15.665        | -58.455         |
| 1) TPCL Thermal           | 26.442         | 154.399         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 3.884          | 19.998          | 1) MSEDCL Bilateral            | 33.815         | 205.822         |
| <b>TOTAL TPCL</b>         | <b>30.326</b>  | <b>174.397</b>  | Include PX                     | -2.550         | -4.559          |
| 3) REL Thermal            | 7.994          | 62.236          | 2) MUMBAI Bilateral            | 12.663         | 58.669          |
| <b>D) STATE</b>           |                |                 | Include PX                     | 2.743          | -0.062          |
| 1) Thermal (A1+C1+C3)     | 159.072        | 946.254         | 3) MUMBAI Schedule             | 13.963         | 59.969          |
| 2) Hydro (A2+B5+C2)       | 27.363         | 93.253          | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 3.641          | 53.369          | 1) MSEDCL                      | 297.870        | 1732.622        |
| 4) Wind (B4)              | 4.679          | 31.464          | 2) TPCL                        | 36.444         | 199.163         |
| 5) CPP (B1+B2+B3)         | 39.626         | 238.064         | 3) REL                         | 17.540         | 95.914          |
| <b>TOTAL STATE</b>        | <b>234.381</b> | <b>1362.404</b> | <b>TOTAL STATE</b>             | <b>351.854</b> | <b>2027.699</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 3 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 5148                             | 5140                             | 5185                             |
| MSGENCO Hydro                   | 2077                             | 1106                             | 147                              |
| MSGENCO Gas                     | 144                              | 234                              | 108                              |
| <b>MSGENCO Total Generation</b> | <b>7369</b>                      | <b>6480</b>                      | <b>5440</b>                      |
| <b>Central Sector Receipt</b>   | <b>5908</b>                      | <b>5389</b>                      | <b>3865</b>                      |
| <b>WIND</b>                     | <b>125</b>                       | <b>78</b>                        | <b>369</b>                       |
| <b>CPP / IPP</b>                | <b>1657</b>                      | <b>1665</b>                      | <b>1601</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-883</b>                      | <b>-836</b>                      | <b>-428</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>14199</b>                     | <b>12776</b>                     | <b>10847</b>                     |
| <b>Load Shedding</b>            | <b>686</b>                       | <b>938</b>                       | <b>121</b>                       |
| <b>MSEDCL DEMAND</b>            | <b>14885</b>                     | <b>13714</b>                     | <b>10968</b>                     |
| <b>TPCL GENERATION</b>          | <b>1641</b>                      | <b>1590</b>                      | <b>832</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>262</b>                       | <b>295</b>                       | <b>264</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2786</b>                      | <b>2721</b>                      | <b>1524</b>                      |
| <b>STATE DEMAND MET</b>         | <b>16985</b>                     | <b>15497</b>                     | <b>12371</b>                     |
| <b>STATE DEMAND</b>             | <b>17671</b>                     | <b>16435</b>                     | <b>12492</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.94</b>                     | <b>50.00</b>                     | <b>50.04</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.48 Hz at 16.01 Hrs</b> | <b>49.62 Hz at 13.47 Hrs</b> | <b>49.99</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 06/Dec/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           | 3.12        | 19.38         | 142      | 115      | 125      |
| Unit 7           | 3.22        | 19.63         | 152      | 115      | 125      |
| Total            | 6.35        | 39.01         |          |          | 250      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 4.54        | 26.40         | 200      | 180      | 195      |
| Unit 4           | 6.50        | 42.63         | 359      | 215      | 292      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        |          |
| Total            | 11.04       | 69.03         |          |          | 487      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.48        | 21.09         | 160      | 129      | 150      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 3.77        | 21.62         | 169      | 149      | 145      |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 7           | 4.71        | 27.94         | 225      | 169      | 200      |
| Total            | 11.97       | 70.66         |          |          | 495      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.43        | 21.38         | 153      | 131      | 150      |
| Unit 2           | 3.64        | 15.41         | 167      | 141      | 155      |
| Unit 3           | 4.02        | 27.43         | 186      | 150      | 175      |
| Unit 4           | 4.52        | 28.14         | 203      | 154      | 200      |
| Unit 5           | 9.94        | 60.98         | 460      | 370      | 450      |
| Unit 6           | 9.98        | 63.40         | 461      | 345      | 450      |
| Unit 7           | 10.17       | 58.42         | 450      | 360      | 450      |
| Total            | 45.70       | 275.16        |          |          | 2030     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.91        | 32.39         | 260      | 222      | 240      |
| Unit 4           | 5.37        | 31.32         | 243      | 213      | 230      |
| Total            | 11.28       | 63.71         |          |          | 470      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.40        | 21.97         | 165      | 100      | 170      |
| Unit 2           | 3.90        | 22.40         | 175      | 150      | 170      |
| Unit 3           | 3.84        | 22.34         | 168      | 151      | 180      |
| Unit 4           | 3.87        | 22.80         | 171      | 150      | 180      |
| Unit 5           | 10.46       | 56.05         | 492      | 388      | 425      |
| Total            | 25.47       | 145.57        |          |          | 1125     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.36        | 25.50         | 190      | 165      | 190      |
| Unit 4           | 4.25        | 15.84         | 187      | 165      | 190      |
| Unit 5           | 4.24        | 25.13         | 190      | 163      | 190      |
| Total            | 12.84       | 66.48         |          |          | 570      |
| Uran             |             |               |          |          |          |
| All Units        | 3.64        | 53.37         | 319      | 0        | 0        |
| Total            | 3.64        | 53.37         |          |          | 0        |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.33        | 1.96          | 50       | 0        |          |
| Total            | 0.33        | 1.96          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 5.80        | 18.90         | 435      | 40       | 440      |
| Stage 4          | 10.46       | 18.97         | 1120     | 0        | 250      |
| Stage 3          | 4.10        | 8.24          | 240      | 0        | 240      |
| Kovna 12&4 Total | 16.26       | 37.86         |          |          | 690      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>20.36</b> | <b>46.10</b>  |          |          | <b>930</b>  |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.32         | 0.48          | 36       | 0        | 0           |
| VTRNA            | 0.00         | 0.50          | 0        | 0        | 30          |
| TILLARI          | 0.25         | 1.63          | 58       | 0        | 60          |
| BHTGR/VEER       | 0.07         | 0.41          | 3        | 3        | 8           |
| BHIRA T.R.       | 0.26         | 1.14          | 40       | 0        | 40          |
| RNGR+BHTSA       | 0.40         | 2.38          | 17       | 16       | 0           |
| BHANDARDRA       | 0.00         | 3.71          | 0        | 0        | 0           |
| ELDARY           | 0.00         | 0.00          | 0        | 0        | 0           |
| SMLHY PTN        | 1.09         | 6.82          | 52       | 43       | 20          |
| GHATGHAR         | 0.39         | 8.13          | 225      | 0        | 0           |
| <b>Total</b>     | <b>2.79</b>  | <b>25.19</b>  |          |          | <b>158</b>  |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 0.50         | 2.42          |          |          |             |
| Vankuswadi       | 0.62         | 3.39          |          |          |             |
| ATIT             | 0.23         | 0.78          |          |          |             |
| Kale             | 0.20         | 1.12          |          |          |             |
| Satara           | 0.27         | 2.84          |          |          |             |
| Shirala          | 0.18         | 1.47          |          |          |             |
| K Mahankal       | 0.59         | 3.76          |          |          |             |
| Supa             | 0.07         | 0.50          |          |          |             |
| Vita             | 0.57         | 3.95          |          |          |             |
| Dondaicha        | 0.90         | 6.28          |          |          |             |
| Sakri            | 0.13         | 0.88          |          |          |             |
| Nandurbar        | 0.06         | 0.52          |          |          |             |
| Khandke          | 0.13         | 2.13          |          |          |             |
| Khaparale        | 0.23         | 1.42          |          |          |             |
| <b>Total</b>     | <b>4.68</b>  | <b>31.46</b>  |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 21.16        | 121.85        | 911      | 829      | 781         |
| WARDHA           | 8.87         | 53.10         | 372      | 363      | 369         |
| Adani            | 0.00         | 0.00          | 0        | 0        |             |
| Other CPPs       | 9.60         | 63.11         |          |          |             |
| <b>Total</b>     | <b>39.63</b> | <b>238.06</b> |          |          | <b>1150</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 9.96         | 57.35         | 504      | 286      | 500         |
| Trombay 6        | 6.22         | 35.56         | 400      | 156      | 500         |
| Trombay 7A       | 2.94         | 17.92         | 127      | 118      | 120         |
| Trombay 7B       | 1.64         | 9.93          | 70       | 68       | 60          |
| Trombay 8        | 5.67         | 33.64         | 254      | 195      | 250         |
| TATA Hydro       | 3.88         | 20.00         | 306      | 0        | 317         |
| <b>Total</b>     | <b>30.33</b> | <b>174.40</b> |          |          | <b>1747</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 7.99         | 62.24         | 528      | 238      | 250         |
| <b>Total</b>     | <b>7.99</b>  | <b>62.24</b>  |          |          | <b>250</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 4699        |
| <b>Total</b>     |              |               |          |          | <b>4699</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 124.64        | 729.62         |  |  | 5427         |
|                    | Thml+Gas     | 128.28        | 782.99         |  |  | 5427         |
|                    | Hydro        | 23.15         | 71.29          |  |  | 1088         |
|                    | <b>Total</b> | <b>151.43</b> | <b>854.28</b>  |  |  | <b>6515</b>  |
| <b>State Total</b> |              | <b>234.38</b> | <b>1362.40</b> |  |  | <b>14361</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 06/Dec/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                  | 5266        | 132   | 317  | 5715   | 345  | 1607         | 4036        | 3919        | -514         | -649                 | 10937                   | 55                   | 10992                       | 1750                         | 12742           | 50.02         |
| 2                  | 5242        | 102   | 0    | 5344   | 385  | 1600         | 3935        | 4187        | -434         | -522                 | 10994                   | 114                  | 11108                       | 1600                         | 12708           | 50.00         |
| 3                  | 5185        | 147   | 108  | 5440   | 369  | 1601         | 3706        | 3865        | -404         | -428                 | 10847                   | 121                  | 10968                       | 1524                         | 12492           | 50.04         |
| 4                  | 5141        | 152   | 108  | 5401   | 345  | 1601         | 3708        | 3965        | -404         | -384                 | 10928                   | 134                  | 11062                       | 1481                         | 12543           | 50.04         |
| 5                  | 5134        | 303   | 12   | 5449   | 312  | 1599         | 3703        | 4058        | -404         | -372                 | 11046                   | 193                  | 11239                       | 1471                         | 12710           | 50.05         |
| 6                  | 5212        | 650   | 0    | 5862   | 309  | 1656         | 4087        | 4352        | -410         | -423                 | 11756                   | 402                  | 12158                       | 1570                         | 13728           | 50.00         |
| 7                  | 5218        | 576   | 0    | 5794   | 326  | 1677         | 4661        | 5157        | -483         | -458                 | 12496                   | 770                  | 13266                       | 1722                         | 14988           | 49.93         |
| 8                  | 5264        | 1287  | 0    | 6551   | 344  | 1673         | 4669        | 5302        | -511         | -486                 | 13384                   | 760                  | 14144                       | 1861                         | 16005           | 49.94         |
| 9                  | 5189        | 1541  | 0    | 6730   | 282  | 1671         | 4793        | 5462        | -568         | -520                 | 13625                   | 765                  | 14390                       | 2115                         | 16505           | 49.94         |
| 10                 | 5160        | 1954  | 48   | 7162   | 243  | 1652         | 4867        | 5631        | -619         | -622                 | 14066                   | 594                  | 14660                       | 2454                         | 17114           | 49.94         |
| 11                 | 5158        | 2081  | 119  | 7358   | 164  | 1663         | 5000        | 5770        | -772         | -798                 | 14167                   | 518                  | 14685                       | 2706                         | 17391           | 49.90         |
| 12                 | 5148        | 2077  | 144  | 7369   | 125  | 1657         | 5027        | 5908        | -830         | -883                 | 14199                   | 686                  | 14885                       | 2786                         | 17671           | 49.94         |
| 13                 | 5068        | 1577  | 130  | 6775   | 97   | 1665         | 5124        | 5973        | -852         | -874                 | 13659                   | 875                  | 14534                       | 2771                         | 17305           | 49.92         |
| 14                 | 5106        | 1526  | 143  | 6775   | 90   | 1654         | 4966        | 5763        | -772         | -802                 | 13503                   | 794                  | 14297                       | 2672                         | 16969           | 49.92         |
| 15                 | 5136        | 1631  | 128  | 6895   | 60   | 1665         | 4958        | 5813        | -787         | -839                 | 13604                   | 685                  | 14289                       | 2709                         | 16998           | 49.88         |
| 16                 | 5203        | 1628  | 177  | 7008   | 68   | 1661         | 4953        | 5565        | -763         | -852                 | 13450                   | 741                  | 14191                       | 2724                         | 16915           | 49.95         |
| 17                 | 5140        | 1106  | 234  | 6480   | 78   | 1665         | 5054        | 5389        | -743         | -836                 | 12776                   | 938                  | 13714                       | 2721                         | 16435           | 50.00         |
| 18                 | 5145        | 749   | 193  | 6087   | 62   | 1634         | 4756        | 5113        | -653         | -732                 | 12198                   | 598                  | 12796                       | 2704                         | 15500           | 49.98         |
| 19                 | 5181        | 950   | 213  | 6344   | 87   | 1632         | 4856        | 5315        | -657         | -643                 | 12778                   | 314                  | 13092                       | 2781                         | 15873           | 50.01         |
| 20                 | 5174        | 615   | 296  | 6085   | 80   | 1673         | 4713        | 4797        | -520         | -602                 | 12083                   | 347                  | 12430                       | 2701                         | 15131           | 50.07         |
| 21                 | 5319        | 585   | 317  | 6221   | 100  | 1675         | 4291        | 4327        | -505         | -730                 | 11639                   | 242                  | 11881                       | 2529                         | 14410           | 50.08         |
| 22                 | 5316        | 394   | 318  | 6028   | 110  | 1684         | 4120        | 4082        | -492         | -796                 | 11155                   | 19                   | 11174                       | 2362                         | 13536           | 50.06         |
| 23                 | 5216        | 568   | 317  | 6101   | 140  | 1678         | 3787        | 4001        | -462         | -744                 | 11194                   | 0                    | 11194                       | 2202                         | 13396           | 50.04         |
| 24                 | 5315        | 821   | 319  | 6455   | 158  | 1683         | 3511        | 3756        | -404         | -670                 | 11382                   | 0                    | 11382                       | 2070                         | 13452           | 50.11         |
| MUs                | 124.64      | 23.15 | 3.64 | 151.43 | 4.68 | 39.63        | 107.28      | 117.47      | -13.96       | -15.67               | 297.87                  | 10.67                | 308.53                      | 53.99                        | 362.52          | 49.99         |

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 06/Dec/2012**

Position as on 6.30 Hrs of 07/Dec/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.                                                              |               |
| Koradi Unit 5           | 200      | 16/09/2012   | 04.23        |            | Continued. | Low Bunkering, Converted to C O H from 20/09/2012.                           |               |
| Uran Unit A0            | 120      | 15/11/2012   | 23.56        |            | Continued. | A/OH.                                                                        |               |
| Koyna Unit 5            | 80       | 20/11/2012   | 23.45        |            | Continued. | To attend water leakage on servomotor, Outage on pressure shaft no.3 of unit | 21/12/2012    |
| Koyna Unit 6            | 75       | 21/11/2012   | 07.55        |            | Continued. | Overhauling work of Spherical Valve.                                         | 21/12/2012    |
| CPP WPCL U-3            | 135      | 26/11/2012   | 17.33        |            | Continued. | Annual Shutdown.                                                             |               |
| Parli Unit 4            | 210      | 28/11/2012   | 02.37        |            | Continued. | W/DN due to water shortage.                                                  |               |
| Koyna Unit 12           | 80       | 29/11/2012   | 08.30        |            | Continued. | A/OH.                                                                        |               |
| CPP JSW (J) U4          | 300      | 30/11/2012   | 23.32        |            | Continued. | Planned shutdown A.M.                                                        |               |
| <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 1B               | 230      | 09/10/2012   | 13.56        |            | Continued. | Gas Shortage.                                                                |               |
| Bhusawal Unit 2         | 210      | 19/10/2012   | 22.22        |            | Continued. | ID Fan Problem                                                               |               |
| Dabhol 3B               | 230      | 28/10/2012   | 12.43        |            | Continued. | Gas Shortage                                                                 |               |
| Dabhol 1X               | 290      | 02/11/2012   | 16.26        |            | Continued. | Gas shortage.                                                                |               |
| Dabhol 1A               | 230      | 02/11/2012   | 16.27        |            | Continued. | Gas shortage.                                                                |               |
| Parli Unit 6            | 250      | 07/11/2012   | 09.57        |            | Continued. | Flame Failure.                                                               |               |
| CPP Adani               | 660      | 09/11/2012   | 19.16        |            | Continued. | Tripped due to Tripping of 400KV Wardha-Warora-I.                            |               |
| Uran Unit 5             | 108      | 19/11/2012   | 23.55        |            | Continued. | Gas Shortage                                                                 |               |
| Bhusawal Unit 5         | 500      | 25/11/2012   | 07.32        |            | Continued. | Coal Shortage                                                                |               |
| Dabhol 3X               | 290      | 03/12/2012   | 21.21        |            | Continued. | Gas Shortage                                                                 |               |
| Dabhol 3A               | 230      | 03/12/2012   | 21.23        |            | Continued. | Gas Shortage                                                                 |               |
| REL 1                   | 250      | 05/12/2012   | 00.56        | 06/12/2012 | 16.40      | Boiler Tube Leakage.                                                         | 08/12/2012    |
| Uran Unit 6             | 108      | 05/12/2012   | 11.07        |            | Continued. | Gas shortage.                                                                |               |
| Uran Unit 7             | 108      | 06/12/2012   | 01.25        | 06/12/2012 | 02.25      | Bus Bar Prot.Optd,due to B-PH PT Burst of U-BO.                              |               |
| Uran Unit B0            | 120      | 06/12/2012   | 01.25        | 06/12/2012 | 17.30      | Bus Bar Prot.Optd,due to B-PH PT Burst of U-BO.                              |               |
| Uran Unit 8             | 108      | 06/12/2012   | 01.25        | 06/12/2012 | 11.36      | Tripped due to jerk.                                                         |               |
| Uran Unit 7             | 108      | 06/12/2012   | 05.08        | 06/12/2012 | 09.27      | Gas Pressure Low.                                                            |               |
| Parli Unit 7            | 250      | 07/12/2012   | 05.01        | 07/12/2012 | 07.42      | Flame failure.                                                               |               |
| Parli Unit 6            | 250      | 07/12/2012   | 09.57        |            | Continued. | Flame failure.                                                               |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 06/Dec/2012**

Position as on 6.30 Hrs of 07/Dec/2012

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date | Sync. Time | Reason of Outage     | Expected Date |
|-------------------------|----------|--------------|--------------|-----------|------------|----------------------|---------------|
| Cent_Sect Sipat U-1     | 660      | 07/12/2012   | 22.37        |           | Continued. | Boiler tube leakage. |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 06/Dec/2012**

Position as on 6.30 Hrs of 07/Dec/2012

| Name of Line                           | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                      |
|----------------------------------------|--------------|--------------|-----------------------------------|--------------------|---------------------------------------------------------------------------------------|
| <b>InterState</b>                      |              |              |                                   |                    |                                                                                       |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                       |
| Borivali-Tarapur-I                     | 04/11/2012   | 09.53        |                                   | Continued.         | Mumbai Strengthening work to be carried out on Boiser-Borivali section upto 31/1/2013 |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                       |
| Kolhapur - Mapusa - II                 | 27/11/2012   | 15.53        | 06/12/2012                        | 11.21              | Over Voltage.                                                                         |
| Seoni - Wardha - I 765KV               | 03/12/2012   | 22.34        |                                   | Continued.         | Over Voltage                                                                          |
| Kolhapur-Solapur (PG) II               | 04/12/2012   | 12.41        |                                   | Continued.         | Over Voltage.                                                                         |
| Dhule-Sar'Sarovar - I                  | 05/12/2012   | 21.39        | 06/12/2012                        | 10.45              | Over Voltage.                                                                         |
| Akola - Wardha - I                     | 05/12/2012   | 22.04        | 06/12/2012                        | 07.24              | Over Voltage.                                                                         |
| Dhule-S'Sarovar I                      | 06/12/2012   | 21.55        |                                   | Continued.         | Over Voltage.                                                                         |
| Akola - Wardha - I                     | 06/12/2012   | 23.12        | 07/12/2012                        | 06.21              | Over Voltage.                                                                         |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                       |
| Wardha - Deoli (PGCIL)                 | 18/11/2012   | 11.19        |                                   | Continued.         | To control Wardha-Yawatmal Loading                                                    |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                       |
| Warora - Tiroda - II                   | 09/11/2012   | 19.16        |                                   | Continued.         | Tripped due to Warora-Wardha(PG)-I on O/V.(Isolator problem at Tiroda)                |
| <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.         | Revamping Work of ICT-1.                                                              |
| 400/6.9KV,53MVA ST-T/F-I at Indiabulls | 05/12/2012   | 08.30        | 07/12/2012                        | 09.15              | To attend civil work.                                                                 |
| Chandrapur - Parli - I                 | 06/12/2012   | 06.44        | 06/12/2012                        | 18.01              | Stringing work of 400KV C'pur-Warora double ckt.                                      |
| Khadka - Deepnagar - II                | 06/12/2012   | 09.51        | 06/12/2012                        | 18.04              | Relay and breaker testing work.(Ckt ready for charging now.)                          |
| Bableshevar-Aurangabad                 | 06/12/2012   | 15.21        | 06/12/2012                        | 17.39              | Bkr air pressure switch repl.Taken on TBC.                                            |
| Main Bus - I @ 400 KV Akola            | 07/12/2012   | 09.21        | 07/12/2012                        | 17.49              | Q.M.Work                                                                              |
| 400/220 KV 600 MVA ICT - IV @ Padgha   | 07/12/2012   | 09.23        | 07/12/2012                        | 17.33              | Firewall protection.                                                                  |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                       |
| Kharghar - Kalwa                       | 19/10/2012   | 08.55        |                                   | Continued.         | Mumbai Strengthening work                                                             |
| Ghodbandar - Bhoisor (MSETCL)          | 04/11/2012   | 10.35        |                                   | Continued.         | mumbai strengthening work to be carried out on Boiser-Borivali section upto 31/1/2013 |
| 220/110KV, 200MVA T/F-III at Mudshingi | 27/11/2012   | 10.30        | 07/12/2012                        | 14.25              | Removing Leakage.                                                                     |
| Trombay - Tifil                        | 02/12/2012   | 08.19        |                                   | Continued.         | Mumbai Strengthening work(Till 30/12/2012)                                            |
| Baramati-Jejuri                        | 05/12/2012   | 16.36        | 06/12/2012                        | 18.55              | Repl.of 220KV Bus side isolator.                                                      |
| Bhosari - Chakan                       | 06/12/2012   | 08.03        | 06/12/2012                        | 18.50              | LILO arrangement for Bhosari S/S.                                                     |
| Chandrapur-Gadchandur                  | 06/12/2012   | 08.23        | 07/12/2012                        | 19.36              | destringing work,erection of in line tower.                                           |
| Bhosari-Telco                          | 06/12/2012   | 08.26        | 06/12/2012                        | 18.43              | LILO arrangement for Bhosari S/S                                                      |
| Halkarni-Tillari                       | 06/12/2012   | 09.27        | 06/12/2012                        | 18.37              | Replacement of insulator.                                                             |
| Karad-Kolhapur - II                    | 06/12/2012   | 09.49        | 06/12/2012                        | 18.03              | Testing work.                                                                         |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 06/Dec/2012**

Position as on 6.30 Hrs of 07/Dec/2012

| Name of Line                                | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                                              |
|---------------------------------------------|--------------|--------------|---------------------------------|--------------------|-------------------------------------------------------------------------------|
| 220/132KV 200 MVA ICT I at Chalisgaon       | 06/12/2012   | 12.35        | 06/12/2012                      | 15.49              | CRM of HV side breaker.(ICT charged through TBC).                             |
| Vita - Lamboti                              | 06/12/2012   | 17.45        | 06/12/2012                      | 19.40              | Hot Spot.                                                                     |
| Kalwa-Colourchem                            | 07/12/2012   | 07.42        | 07/12/2012                      | 18.05              | R.M.Work and repl.of insulator.                                               |
| Halkarni-Tillary                            | 07/12/2012   | 08.26        | 07/12/2012                      | 17.43              | Replacement of insulator.                                                     |
| Nivali-Pawas                                | 07/12/2012   | 09.33        | 07/12/2012                      | 14.05              | Tan delta and insulator washing.                                              |
| 220/132KV 100MVA ICT II at Paranda          | 07/12/2012   | 09.40        | 07/12/2012                      | 13.44              | Q.M.Work                                                                      |
| 220 KV Main Bus @ Jindal                    | 07/12/2012   | 10.35        | 07/12/2012                      | 13.58              | Replacement of checkmeter of EHV consumer.                                    |
| Kanhan - Bhandara - II                      | 07/12/2012   | 11.15        | 07/12/2012                      | 17.00              | Signature analysis test of line.                                              |
| Bus section at Airoli Knowledge park        | 07/12/2012   | 11.19        | 07/12/2012                      | 17.40              | Replacement of CT.                                                            |
| Nagothane - SPCL                            | 07/12/2012   | 13.00        | 07/12/2012                      | 15.51              | Attending hot spot on bus isolator.                                           |
| Warora - Wani                               | 07/12/2012   | 13.03        | 07/12/2012                      | 17.08              | Tan delta measurement.                                                        |
| 220/132KV 200 MVA ICT-III @ Padegaon        | 07/12/2012   | 14.36        |                                 | Continued.         | Replacement of MOCB(ICT will be charged through TBC.)                         |
| Babaleshwar - Alephata                      | 07/12/2012   | 21.21        | 07/12/2012                      | 23.42              | 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 Alarm. Proposed for Repairs.                                    |
| Deepnagar-Aurangabad-I                      | 04/12/2012   | 11.49        |                                 | Continued.         | Over Voltage.                                                                 |
| Karad - Kolhapur - I                        | 05/12/2012   | 17.13        | 06/12/2012                      | 09.28              | Over Voltage.                                                                 |
| Bhusawal- Aurangabad                        | 05/12/2012   | 17.25        | 06/12/2012                      | 07.21              | Over Voltage.                                                                 |
| Karad - Kolhapur - II                       | 05/12/2012   | 20.07        | 06/12/2012                      | 08.32              | Over Voltage.                                                                 |
| Lonikand- Koyna Stage IV                    | 05/12/2012   | 21.59        | 06/12/2012                      | 08.47              | Over Voltage.                                                                 |
| Lonikand - Chakan                           | 06/12/2012   | 08.00        | 06/12/2012                      | 18.56              | Due to outage on Bhosari Telco & Chakan.                                      |
| 400/220 KV 315 MVA ICT @ Akola              | 06/12/2012   | 12.26        |                                 | Continued.         | Due to abnormal results of DGA test.                                          |
| Karad - Kolhapur - I                        | 06/12/2012   | 16.05        | 07/12/2012                      | 08.49              | Over Voltage.                                                                 |
| Bhusawal- Aurangabad                        | 06/12/2012   | 19.10        | 07/12/2012                      | 07.10              | Over Voltage.                                                                 |
| Karad-Kolhapur-II                           | 06/12/2012   | 20.28        | 07/12/2012                      | 09.36              | Over Voltage.                                                                 |
| Lonikand- Koyna Stage IV                    | 06/12/2012   | 22.07        | 07/12/2012                      | 07.14              | Over Voltage.                                                                 |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                               |
| Chinchwad-Parvati                           | 06/12/2012   | 08.12        | 06/12/2012                      | 19.06              | Due to outage on Bhosari Telco & Chakan.                                      |
| Vita - Lamboti                              | 07/12/2012   | 14.38        | 07/12/2012                      | 20.13              | To control line loading.                                                      |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                               |
| 400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR | 25/09/2012   | 15.38        |                                 | Continued.         | Differential protection operated. Declared Faulty by Genco. Sent for Repairs. |
| 400/220 KV315 MVA ICT-I @ BBLR              | 06/12/2012   | 21.39        | 06/12/2012                      | 22.18              | Tripped due to LBB operated on 220KV Main Bus-I.                              |
| 400/220KV 315MVA ICT-II @ BBLSR             | 06/12/2012   | 21.39        | 06/12/2012                      | 22.27              | Tripped due to LBB operated on 220KV Main Bus-I.                              |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                               |
| 220/132 KV 200 MVA ICT-II @ Boiser          | 05/12/2012   | 18.06        | 06/12/2012                      | 04.35              | Diff.protection                                                               |
| Uran - JNPT                                 | 06/12/2012   | 01.25        | 06/12/2012                      | 02.26              | Bus Bar Prot.Optd,due to B-PH PT Burst of U-BO.                               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 06/Dec/2012**

Position as on 6.30 Hrs of 07/Dec/2012

| Name of Line                  | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                                 |
|-------------------------------|--------------|--------------|----------------------------|--------------------|--------------------------------------------------|
| Apta-Uran-I                   | 06/12/2012   | 01.25        | 06/12/2012                 | 02.19              | Bus Bar Prot.Optd,due to B-PH PT Burst of U-BO.  |
| Apta-Uran-III                 | 06/12/2012   | 01.25        | 06/12/2012                 | 02.23              | Bus Bar Prot.Optd,due to B-PH PT Burst of U-BO.  |
| Bus Coupler @ Uran            | 06/12/2012   | 01.25        | 06/12/2012                 | 02.19              | Bus Bar Prot.Optd,due to B-PH PT Burst of U-BO.  |
| Bus II at Uran.               | 06/12/2012   | 01.25        | 06/12/2012                 | 02.19              | Bus Bar Prot.Optd,due to B-PH PT Burst of U-BO.  |
| 220/6.6KV STN T/F I at Uran   | 06/12/2012   | 01.25        | 06/12/2012                 | 02.19              | Bus Bar Prot.Optd,due to B-PH PT Burst of U-BO.  |
| 220/22KV 50MVA T/F I at Uran  | 06/12/2012   | 01.25        | 06/12/2012                 | 03.15              | Bus Bar Prot.Optd,due to B-PH PT Burst of U-BO.  |
| Babaleshwar - Alephata        | 06/12/2012   | 21.39        | 07/12/2012                 | 04.09              | Tripped due to transient fault.                  |
| Babaleshwar - Babaleshwar - I | 06/12/2012   | 21.39        | 06/12/2012                 | 22.18              | Tripped due to LBB operated on 220KV Main Bus-I. |
| BBLSR-Waluj                   | 06/12/2012   | 21.39        | 06/12/2012                 | 22.24              | Tripped due to LBB operated on 220KV Main Bus-I. |
| Babaleshwar - Nagar - I       | 06/12/2012   | 21.39        | 06/12/2012                 | 22.26              | Tripped due to LBB operated on 220KV Main Bus-I. |
| Bableswhar-Nasik-I            | 06/12/2012   | 21.39        | 06/12/2012                 | 22.21              | Tripped due to LBB operated on 220KV Main Bus-I. |
| Main Bus -I at BBLSR          | 06/12/2012   | 21.39        | 06/12/2012                 | 22.15              | Due to LBB operated.                             |
| Badnera-Amravati              | 06/12/2012   | 22.10        | 06/12/2012                 | 23.21              | Y PH.CT burst at Amravati end.                   |
| <b>Voltage Level : 132KV</b>  |              |              | <b>Outage Type</b> TRIPPED |                    |                                                  |
| Bhandara - Ambhora - I        | 06/12/2012   | 16.35        | 06/12/2012                 | 16.48              | Distance protection.                             |
| Pachora - Chalisgaon - I      | 07/12/2012   | 11.38        | 07/12/2012                 | 11.52              | B ph.line side isolator sparking.                |
| Pachora-Chalisgaon Ckt.II.    | 07/12/2012   | 11.52        | 07/12/2012                 | 15.14              | B ph.line side isolator sparking.                |
| Kalmeshwar-Saoner Ckt.        | 07/12/2012   | 15.43        | 07/12/2012                 | 17.18              | B ph.LA problem.                                 |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 07/Dec/2012

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 130         |
| Unit 7             | 210                   | 150         |
|                    | <b>620</b>            | <b>280</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 170         |
| Unit 4             | 500                   | 232         |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>402</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 151         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 156         |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 0           |
|                    | <b>1130</b>           | <b>307</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 425         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>2015</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 250         |
| Unit 4             | 250                   | 250         |
|                    | <b>500</b>            | <b>500</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 152         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 163         |
| Unit 5             | 500                   | 370         |
|                    | <b>1340</b>           | <b>1005</b> |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 210                   | 190         |
|                    | <b>630</b>            | <b>570</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 300         |
|                    | <b>852</b>            | <b>300</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    | 0           |
|                    | <b>53</b>             | <b>0</b>    |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 440         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>930</b>  |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 36          |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 4           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 14          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 10          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>164</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                   | 825         |
| WARDHA           | 405                   | 369         |
| Adani            | 660                   |             |
| Other CPPs       | 0                     |             |
|                  | <b>1665</b>           | <b>1194</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                   | 317         |
|                  | <b>2024</b>           | <b>1747</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 4992        |
|                  | <b>3455</b>           | <b>4992</b> |