



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**18/Jun/2012**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 18/Jun/2012 MONDAY**

| <b>I GENERATION (MUs)</b> |                |                 | <b>II EXCHANGES (MUs)</b>      |                |                 |
|---------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| <b>A) MSGENCO</b>         | <b>Daily</b>   | <b>Monthly</b>  | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>  |
| 1) Thermal                | 93.521         | 1932.149        | 1) Gujrat                      | 2.343          | 118.672         |
| 2) Hydro                  | 5.549          | 264.208         | 2) Madhya Pradesh              | 15.863         | 322.858         |
| 3) Gas                    | 14.901         | 233.131         | 3) Chattisgarh                 | 11.200         | 178.460         |
| <b>Total MSGENCO</b>      | <b>113.971</b> | <b>2429.488</b> | 4) Maharashtra                 | 50.013         | 886.803         |
| <b>B) OTHERS</b>          |                |                 | 5) Goa                         | -5.294         | -111.473        |
| 1) JSW JAIGAD             | 27.552         | 512.312         | 6) TAPS 1&2 Injection          | 7.570          | 136.933         |
| 2) WPCL                   | 7.881          | 179.816         | 7) RGPPL Injection             | 18.452         | 374.825         |
| 3) Other CPP / IPP        | 5.633          | 134.394         | 8) Pench (Excess)              | -0.024         | -2.619          |
| 4) Wind Generation        | 26.804         | 330.892         | <b># Total Cent. Sector</b>    | <b>100.123</b> | <b>1904.459</b> |
| 5) PENCH (MS)             | 0.024          | 2.619           | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -13.612        | -230.045        |
| 1) TPCL Thermal           | 27.672         | 501.089         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 5.692          | 95.338          | 1) MSEDCL Bilateral            | 26.671         | 532.709         |
| <b>TOTAL TPCL</b>         | <b>33.364</b>  | <b>596.427</b>  | Include PX                     | 0.393          | 5.215           |
| 3) REL Thermal            | 12.560         | 225.900         | 2) MUMBAI Bilateral            | 12.868         | 278.701         |
| <b>D) STATE</b>           |                |                 | Include PX                     | -0.110         | 23.643          |
| 1) Thermal (A1+C1+C3)     | 133.753        | 2659.138        | 3) MUMBAI Schedule             | 12.868         | 278.701         |
| 2) Hydro (A2+B5+C2)       | 11.265         | 362.165         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 14.901         | 233.131         | 1) MSEDCL                      | 268.376        | 5263.935        |
| 4) Wind (B4)              | 26.804         | 330.892         | 2) TPCL                        | 39.923         | 696.728         |
| 5) CPP (B1+B2+B3)         | 41.066         | 826.522         | 3) REL                         | 19.608         | 355.631         |
| <b>TOTAL STATE</b>        | <b>227.789</b> | <b>4411.848</b> | <b>TOTAL STATE</b>             | <b>327.907</b> | <b>6316.294</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 21 Hrs</b> | <b>C. Night Minimum at 5 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 3783                             | 4028                             | 3762                             |
| MSGENCO Hydro                   | 823                              | 371                              | 80                               |
| MSGENCO Gas                     | 608                              | 622                              | 613                              |
| <b>MSGENCO Total Generation</b> | <b>5214</b>                      | <b>5021</b>                      | <b>4455</b>                      |
| <b>Central Sector Receipt</b>   | <b>4504</b>                      | <b>4390</b>                      | <b>3529</b>                      |
| <b>WIND</b>                     | <b>1079</b>                      | <b>1355</b>                      | <b>733</b>                       |
| <b>CPP / IPP</b>                | <b>1706</b>                      | <b>1749</b>                      | <b>1702</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-811</b>                      | <b>-613</b>                      | <b>-253</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>11704</b>                     | <b>11902</b>                     | <b>10166</b>                     |
| <b>Load Shedding</b>            | <b>609</b>                       | <b>139</b>                       | <b>0</b>                         |
| <b>MSEDCL DEMAND</b>            | <b>12313</b>                     | <b>12041</b>                     | <b>10166</b>                     |
| <b>TPCL GENERATION</b>          | <b>1636</b>                      | <b>1616</b>                      | <b>937</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>524</b>                       | <b>521</b>                       | <b>525</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2971</b>                      | <b>2750</b>                      | <b>1715</b>                      |
| <b>STATE DEMAND MET</b>         | <b>14675</b>                     | <b>14652</b>                     | <b>11881</b>                     |
| <b>STATE DEMAND</b>             | <b>15284</b>                     | <b>14791</b>                     | <b>11881</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.66</b>                     | <b>49.76</b>                     | <b>49.98</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.47 Hz at 08:01 Hrs</b> | <b>49.27 Hz at 20:09 Hrs</b> | <b>49.87</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 18/Jun/2012

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 2.55        | 49.00         | 118      | 94       | 100      |
| Unit 6           | 2.95        | 55.80         | 150      | 95       | 100      |
| Unit 7           | 0.00        | 55.50         | 0        | 0        | 0        |
| Total            | 5.50        | 160.29        |          |          | 200      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.84        | 63.40         | 170      | 150      | 160      |
| Unit 3           | 4.11        | 72.97         | 180      | 160      | 180      |
| Unit 4           | 0.00        | 18.53         | 0        | 0        | 0        |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 7.95        | 154.91        |          |          | 340      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.90        | 71.36         | 180      | 145      | 185      |
| Unit 4           | 0.00        | 2.58          | 0        | 0        | 0        |
| Unit 5           | 3.45        | 67.27         | 163      | 120      | 155      |
| Unit 6           | 4.09        | 80.13         | 191      | 134      | 185      |
| Unit 7           | 3.78        | 46.54         | 200      | 128      | 160      |
| Total            | 15.22       | 267.90        |          |          | 685      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.52        | 67.11         | 155      | 138      | 150      |
| Unit 2           | 1.74        | 50.36         | 135      | 0        | 0        |
| Unit 3           | 3.97        | 72.14         | 185      | 147      | 170      |
| Unit 4           | 4.55        | 80.68         | 196      | 184      | 190      |
| Unit 5           | 8.26        | 135.22        | 385      | 270      | 400      |
| Unit 6           | 6.54        | 171.45        | 345      | 205      | 225      |
| Unit 7           | 8.17        | 148.03        | 378      | 316      | 350      |
| Total            | 36.74       | 724.98        |          |          | 1485     |
| Paras            |             |               |          |          |          |
| Unit 3           | 0.00        | 69.04         | 0        | 0        | 0        |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 0.00        | 69.04         |          |          | 0        |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.70        | 62.34         | 210      | 175      | 200      |
| Unit 2           | 0.00        | 0.72          | 0        | 0        | 0        |
| Unit 3           | 5.21        | 86.01         | 222      | 205      | 210      |
| Unit 4           | 5.00        | 87.89         | 218      | 192      | 210      |
| Unit 5           | 0.00        | 87.30         | 0        | 0        | 0        |
| Total            | 14.91       | 324.26        |          |          | 620      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.99        | 79.49         | 220      | 195      | 210      |
| Unit 4           | 3.87        | 82.17         | 196      | 141      | 150      |
| Unit 5           | 4.35        | 69.11         | 189      | 168      | 190      |
| Total            | 13.21       | 230.77        |          |          | 550      |
| Uran             |             |               |          |          |          |
| All Units        | 14.90       | 233.13        | 628      | 608      | 620      |
| Total            | 14.90       | 233.13        |          |          | 620      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.02        | 2.62          | 12       | 0        | 0        |
| Total            | 0.02        | 2.62          |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.52        | 81.78         | 310      | 35       | 530      |
| Stage 4          | 0.00        | 97.14         | 0        | 0        | 250      |
| Stage 3          | 0.70        | 40.72         | 160      | 0        | 320      |
| Kovna 12&4 Total | 1.52        | 178.93        |          |          | 780      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>2.22</b>  | <b>219.65</b> |          |          | <b>1100</b> |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.31         | 6.16          | 28       | 0        | 28          |
| VTRNA            | 1.11         | 11.17         | 61       | 0        | 61          |
| TILLARI          | 0.00         | 0.00          | 0        | 0        | 0           |
| BHTGR/VEER       | 0.00         | 0.00          | 0        | 0        | 0           |
| BHIRA T.R.       | 0.25         | 5.56          | 82       | 0        | 80          |
| RNGR+BHTSA       | 0.11         | 3.86          | 11       | 0        | 9           |
| BHANDARDRA       | 0.12         | 2.29          | 5        | 4        | 8           |
| ELDARY           | 0.00         | 0.00          | 0        | 0        | 0           |
| SMLHY PTN        | 0.20         | 4.38          | 14       | 5        | 9           |
| GHATGHAR         | 1.24         | 11.16         | 240      | 0        | 0           |
| <b>Total</b>     | <b>3.33</b>  | <b>44.56</b>  |          |          | <b>195</b>  |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 0.90         | 11.75         |          |          |             |
| Vankuswadi       | 1.56         | 19.07         |          |          |             |
| ATIT             | 0.20         | 3.83          |          |          |             |
| Kale             | 0.41         | 6.75          |          |          |             |
| Satara           | 3.80         | 34.96         |          |          |             |
| Shirala          | 0.41         | 8.03          |          |          |             |
| K Mahankal       | 0.12         | 20.66         |          |          |             |
| Supa             | 0.34         | 4.54          |          |          |             |
| Vita             | 2.99         | 42.01         |          |          |             |
| Dondaicha        | 11.12        | 124.14        |          |          |             |
| Sakri            | 1.44         | 16.44         |          |          |             |
| Nandurbar        | 1.05         | 12.50         |          |          |             |
| Khandke          | 1.04         | 13.52         |          |          |             |
| Khaparale        | 1.42         | 12.71         |          |          |             |
| <b>Total</b>     | <b>26.80</b> | <b>330.89</b> |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 27.55        | 512.31        | 1208     | 1124     | 1100        |
| WARDHA           | 7.88         | 179.82        | 388      | 321      | 325         |
| Other CPPs       | 5.63         | 134.39        |          |          |             |
| <b>Total</b>     | <b>41.07</b> | <b>826.52</b> |          |          | <b>1425</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 11.10        | 196.57        | 504      | 300      | 500         |
| Trombay 6        | 6.16         | 117.17        | 502      | 153      | 500         |
| Trombay 7A       | 2.92         | 51.54         | 125      | 116      | 120         |
| Trombay 7B       | 1.61         | 28.60         | 68       | 65       | 60          |
| Trombay 8        | 5.89         | 107.21        | 250      | 242      | 250         |
| TATA Hydro       | 5.69         | 95.34         | 469      | 0        | 447         |
| <b>Total</b>     | <b>33.36</b> | <b>596.43</b> |          |          | <b>1877</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 12.56        | 225.90        | 528      | 516      | 500         |
| <b>Total</b>     | <b>12.56</b> | <b>225.90</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 4423        |
| <b>Total</b>     |              |               |          |          | <b>4423</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 93.52         | 1932.15        |  |  | 3880         |
|                    | Thml+Gas     | 108.42        | 2165.28        |  |  | 4500         |
|                    | Hydro        | 5.55          | 264.21         |  |  | 1295         |
|                    | <b>Total</b> | <b>113.97</b> | <b>2429.49</b> |  |  | <b>5795</b>  |
| <b>State Total</b> |              | <b>227.79</b> | <b>4411.85</b> |  |  | <b>14020</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/Jun/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                  | 3769        | 116  | 627   | 4512   | 803   | 1831         | 4389        | 4064        | -601         | -423                 | 10789                   | 0                    | 10789                       | 2056                         | 12845           | 49.74         |
| 2                  | 3731        | 80   | 628   | 4439   | 901   | 1694         | 4364        | 3967        | -467         | -310                 | 10698                   | 0                    | 10698                       | 1899                         | 12597           | 49.78         |
| 3                  | 3658        | 80   | 627   | 4365   | 1076  | 1694         | 4141        | 3590        | -451         | -304                 | 10421                   | 0                    | 10421                       | 1797                         | 12218           | 49.80         |
| 4                  | 3751        | 80   | 628   | 4459   | 1015  | 1692         | 4163        | 3396        | -473         | -320                 | 10242                   | 0                    | 10242                       | 1734                         | 11976           | 49.90         |
| 5                  | 3762        | 80   | 613   | 4455   | 733   | 1702         | 4040        | 3529        | -372         | -253                 | 10166                   | 0                    | 10166                       | 1715                         | 11881           | 49.98         |
| 6                  | 3821        | 98   | 618   | 4537   | 704   | 1694         | 3985        | 4051        | -326         | -350                 | 10636                   | 22                   | 10658                       | 1791                         | 12449           | 49.95         |
| 7                  | 3858        | 141  | 617   | 4616   | 605   | 1688         | 4142        | 4389        | -470         | -437                 | 10861                   | 68                   | 10929                       | 1868                         | 12797           | 50.11         |
| 8                  | 3840        | 141  | 621   | 4602   | 758   | 1697         | 4181        | 4332        | -470         | -426                 | 10963                   | 70                   | 11033                       | 2013                         | 13046           | 50.15         |
| 9                  | 3821        | 160  | 628   | 4609   | 948   | 1691         | 4189        | 4796        | -471         | -589                 | 11455                   | 92                   | 11547                       | 2292                         | 13839           | 50.06         |
| 10                 | 3900        | 263  | 622   | 4785   | 920   | 1692         | 4297        | 4790        | -534         | -763                 | 11424                   | 259                  | 11683                       | 2680                         | 14363           | 49.95         |
| 11                 | 3854        | 690  | 613   | 5157   | 997   | 1692         | 4326        | 4621        | -556         | -846                 | 11621                   | 389                  | 12010                       | 2891                         | 14901           | 49.78         |
| 12                 | 3783        | 823  | 608   | 5214   | 1079  | 1706         | 4353        | 4504        | -576         | -811                 | 11704                   | 609                  | 12313                       | 2971                         | 15284           | 49.66         |
| 13                 | 3778        | 473  | 620   | 4871   | 1067  | 1705         | 4390        | 4292        | -576         | -681                 | 11257                   | 716                  | 11973                       | 2966                         | 14939           | 49.74         |
| 14                 | 3834        | 257  | 618   | 4709   | 1050  | 1691         | 4469        | 4353        | -572         | -558                 | 11245                   | 641                  | 11886                       | 2942                         | 14828           | 49.82         |
| 15                 | 3890        | 242  | 614   | 4746   | 1298  | 1684         | 4484        | 4335        | -568         | -579                 | 11484                   | 512                  | 11996                       | 2970                         | 14966           | 49.82         |
| 16                 | 4039        | 160  | 622   | 4821   | 1279  | 1706         | 4474        | 4261        | -593         | -564                 | 11503                   | 247                  | 11750                       | 2969                         | 14719           | 49.94         |
| 17                 | 4112        | 121  | 619   | 4852   | 1564  | 1682         | 4469        | 4142        | -578         | -606                 | 11634                   | 17                   | 11651                       | 2957                         | 14608           | 49.89         |
| 18                 | 3987        | 129  | 623   | 4739   | 1529  | 1694         | 4461        | 3959        | -572         | -670                 | 11251                   | 0                    | 11251                       | 2867                         | 14118           | 49.96         |
| 19                 | 3974        | 119  | 622   | 4715   | 1412  | 1691         | 4489        | 4058        | -572         | -745                 | 11131                   | 0                    | 11131                       | 2824                         | 13955           | 49.96         |
| 20                 | 3969        | 213  | 621   | 4803   | 1420  | 1708         | 4597        | 4508        | -572         | -635                 | 11804                   | 139                  | 11943                       | 2810                         | 14753           | 49.75         |
| 21                 | 4028        | 371  | 622   | 5021   | 1355  | 1749         | 4573        | 4390        | -579         | -613                 | 11902                   | 139                  | 12041                       | 2750                         | 14791           | 49.76         |
| 22                 | 4080        | 261  | 623   | 4964   | 1411  | 1760         | 4609        | 4145        | -617         | -634                 | 11646                   | 134                  | 11780                       | 2657                         | 14437           | 49.88         |
| 23                 | 4160        | 176  | 626   | 4962   | 1420  | 1761         | 4577        | 3967        | -654         | -754                 | 11356                   | 0                    | 11356                       | 2597                         | 13953           | 49.75         |
| 24                 | 4122        | 275  | 621   | 5018   | 1460  | 1762         | 4448        | 3684        | -648         | -741                 | 11183                   | 0                    | 11183                       | 2520                         | 13703           | 49.75         |
| MUs                | 93.52       | 5.55 | 14.90 | 113.97 | 26.80 | 41.07        | 104.61      | 100.12      | -12.87       | -13.61               | 268.38                  | 4.05                 | 272.43                      | 59.54                        | 331.97          | 49.87         |

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 18/Jun/2012**

Position as on 6.30 Hrs of 19/Jun/2012

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                 | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|----------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                  |               |
| Paras Unit 4            | 250      | 01/05/2012   | 03.25        |            | Continued. | Annual Overhaul.                 | 20/06/2012    |
| Cent_Sect NTPC(V-3)     | 210      | 20/05/2012   | 00:25        |            | Continued. | AOH.                             |               |
| Khaparkheda Unit 2      | 210      | 01/06/2012   | 05.45        |            | Continued. | Annual overhaul.                 | 05/07/2012    |
| Cent_Sect NTPC(K-5)     | 500      | 01/06/2012   | 23.50        |            | Continued. | A/OH.                            | 30/06/2012    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                  |               |
| Bhusawal Unit 5         | 500      | 30/03/2012   | 04.34        |            | Continued. | Hand Tripped                     |               |
| Parli Unit 4            | 210      | 02/06/2012   | 00.30        |            | Continued. | ID Fan problem.                  | 20/06/2012    |
| Bhusawal Unit 4         | 500      | 06/06/2012   | 06.27        |            | Continued. | Vibration Problem                |               |
| Dabhol 2B               | 230      | 08/06/2012   | 11.21        |            | Continued. | W/Dn.                            |               |
| Dabhol 3A               | 230      | 10/06/2012   | 12.48        |            | Continued. | Gas Shortage                     |               |
| Paras Unit 3            | 250      | 13/06/2012   | 17.05        |            | Continued. | Structure collapse near ESP.     |               |
| Koyna Unit 2            | 75       | 16/06/2012   | 10.15        |            | Continued. | Installation of Numerical relay. | 21/06/2012    |
| Dabhol 1A               | 230      | 16/06/2012   | 11.45        |            | Continued. | Withdrawn.                       |               |
| Cent_Sect NTPC(V-10)    | 500      | 16/06/2012   | 22:45        |            | Continued. | Boiler Tube Leakage.             |               |
| Chandrapur Unit 2       | 210      | 17/06/2012   | 07.32        | 18/06/2012 | 08.56      | Low Coal Flow.                   |               |
| Koradi Unit 7           | 210      | 17/06/2012   | 16.57        | 19/06/2012 | 21.42      | Main Steam Temp.Low.             |               |
| Khaparkheda Unit 5      | 500      | 17/06/2012   | 20.16        | 19/06/2012 | 07.14      | No Bunker Level.                 |               |
| CPP WPCL U-1            | 135      | 18/06/2012   | 01.00        |            | Continued. | Convertor chain damaged.         |               |
| Khaparkheda Unit 1      | 210      | 19/06/2012   | 11.08        |            | Continued. | Reheater tube leakage.           |               |
| Nasik Unit 4            | 210      | 19/06/2012   | 14.20        |            | Continued. | P.A. fan bearing problem.        |               |
| Cent_Sect Sipat U-2     | 660      | 19/06/2012   | 16.16        | 19/06/2012 | 23.10      | Aux.Supply Failed                |               |
| Cent_Sect sipat-5       | 500      | 19/06/2012   | 16.23        | 19/06/2012 | 23.45      | Aux.Supply Failed                |               |
| Cent_Sect Sipat-4       | 500      | 19/06/2012   | 16.43        | 19/06/2012 | 22.44      | Aux.Supply Failed                |               |
| Cent_Sect Sipat U-1     | 660      | 19/06/2012   | 16.51        |            | Continued. | Aux.Supply Failed                |               |
| Koradi Unit 7           | 210      | 19/06/2012   | 23.11        |            | Continued. | Flashover at Field Winding CB    |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 18/Jun/2012**

Position as on 6.30 Hrs of 19/Jun/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>   |                   |                                                              |
| 765KV Seoni - Wardha - II                     | 13/06/2012   | 16.09        |                                   | Continued.        | Over Voltage                                                 |
| Dhule-Sar'Sarovar - II                        | 14/06/2012   | 09.23        |                                   | Continued.        | Over Voltage.                                                |
| Akola - Wardha - I                            | 15/06/2012   | 19.15        | 18/06/2012                        | 10.09             | To control Wardha-Deoli L/L.                                 |
| Parly(PG) - Wardha (PG) - I                   | 15/06/2012   | 21.05        |                                   | Continued.        | To Control Wardha-Deoli line loading.                        |
| Kolhapur - Mapusa - II                        | 16/06/2012   | 17:52        |                                   | Continued.        | Over Voltage.                                                |
| Wardha - Akola - I                            | 19/06/2012   | 17.24        |                                   | Continued.        | To control Line Loading                                      |
| <b>Voltage Level : 400KV</b>                  |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                              |
| 765 KV Wardha - Seoni - I                     | 19/06/2012   | 16.53        | 19/06/2012                        | 23.58             | Over Voltage                                                 |
| <b>IntraState</b>                             |              |              |                                   |                   |                                                              |
| <b>Voltage Level : 400KV</b>                  |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                              |
| 50MVAR Reactor C'Pur - Parli - I at Parli end | 16/04/2012   | 16.50        |                                   | Continued.        | Filtration work                                              |
| Chandrapur - Parli - III                      | 09/06/2012   | 09.27        |                                   | Continued.        | Overhauling of breaker(Ckt charged through TBC at Parly end) |
| Main Bus - I @ Kolhapur                       | 15/06/2012   | 11.39        | 18/06/2012                        | 17.00             | Balance bay conductor jumpering work of Solapur I and II.    |
| 400/220 KV 315 MVA ICT-I @ Dhule              | 18/06/2012   | 10.40        |                                   | Continued.        | Cable Termination of CP and RP from new yard                 |
| 400/220KV 315 MVA ICT-I @ Talangade           | 18/06/2012   | 12.06        | 18/06/2012                        | 16.09             | Q.M.Work                                                     |
| Akola - Bhusawal                              | 19/06/2012   | 02.08        | 19/06/2012                        | 09.58             | Main Breaker in lock out(taken on TBC)                       |
| Lonikand-Karad                                | 19/06/2012   | 08.29        | 19/06/2012                        | 17.16             | Insulator replacement                                        |
| 400/220 KV 315 MVA ICT-II @ Kharghar          | 19/06/2012   | 09.22        | 19/06/2012                        | 17.34             | R.M.Work                                                     |
| 400/220 KV 500 MVA ICT - II at Khaparkheda    | 19/06/2012   | 10.18        | 19/06/2012                        | 16.52             | Cutting of extra length IPS Tube                             |
| <b>Voltage Level : 220KV</b>                  |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                              |
| 220/132 KV 100 MVA ICT II at Girvali          | 14/04/2012   | 12:05        |                                   | Continued.        | Augumentation by 200 MVA ICT.                                |
| 220/100KV 200MVA ICT-III at Kalwa             | 14/06/2012   | 12.21        | 19/06/2012                        | 16.41             | For attending oil leakage(Kept on Humming)                   |
| Momewadi -Halkarni                            | 18/06/2012   | 10.34        | 18/06/2012                        | 16.42             | Q.M.Work                                                     |
| Mumewadi-Mudshingi                            | 18/06/2012   | 10.55        | 18/06/2012                        | 14.55             | Q.M.work                                                     |
| ONGC-JNPT                                     | 18/06/2012   | 15.47        | 18/06/2012                        | 18.25             | Replacement of Tripping and Closing Coil of breaker at JNPT  |
| Kalmeshwar-Kaparkheda                         | 19/06/2012   | 05.55        | 19/06/2012                        | 10.46             | For attending B/D K'Kheda-Kanhan Ckt.                        |
| Mumewadi-Mudshingi                            | 19/06/2012   | 12.05        | 19/06/2012                        | 18.16             | Extension of P.T.supply                                      |
| Nivali-Pawas                                  | 19/06/2012   | 12.20        | 19/06/2012                        | 13.43             | Relay work                                                   |
| Vita - Lamboti                                | 19/06/2012   | 16.26        | 19/06/2012                        | 18.02             | Upgradation of Isolator                                      |
| <b>Voltage Level : 400KV</b>                  |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                              |
| Deepnagar-Waluj II                            | 12/06/2012   | 16.00        |                                   | Continued.        | Over Voltage                                                 |
| Bhusawal- Aurangabad                          | 15/06/2012   | 16.30        |                                   | Continued.        | Over Voltage.                                                |
| Karad-New Koyna II                            | 17/06/2012   | 16.56        | 18/06/2012                        | 10.11             | Over Voltage.                                                |
| <b>Voltage Level : 220KV</b>                  |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                              |
| Mahad-Pasco                                   | 17/06/2012   | 19.05        | 18/06/2012                        | 00.30             | Problem at Mahad.                                            |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 18/Jun/2012**

Position as on 6.30 Hrs of 19/Jun/2012

| Name of Line                                  | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                                   |
|-----------------------------------------------|--------------|--------------|----------------------------|--------------------|----------------------------------------------------|
| Dhule-Chalisgaon                              | 18/06/2012   | 10.35        |                            | Continued.         | To control Dhule ICT Load                          |
| <b>Voltage Level : 400KV</b>                  |              |              | <b>Outage Type TRIPPED</b> |                    |                                                    |
| Karad - Kolhapur - II                         | 17/06/2012   | 16.43        | 19/06/2012                 | 09.47              | Over Voltage.                                      |
| 400/220KV,315 MVA ICT-I At Lonikand.          | 18/06/2012   | 11.10        | 18/06/2012                 | 16.06              | Tripped on NDR                                     |
| 400/220KV 315 MVA ICT-I @ Talangade           | 18/06/2012   | 20.37        | 18/06/2012                 | 20.43              | Loss of SF6                                        |
| Bus Coupler @ Bhusawal                        | 19/06/2012   | 09.26        | 19/06/2012                 | 10.21              | Akola Ckt Main BKR in Lockout due to Air Leakage   |
| <b>Voltage Level : 220KV</b>                  |              |              | <b>Outage Type TRIPPED</b> |                    |                                                    |
| 220/6.6 KV 40 MVA Station T/F- I @ Kaparkheda | 13/06/2012   | 12.40        |                            | Continued.         | Bus Duct P.M work & Oil filtration work. (8 days). |
| Pusad-Nanded                                  | 18/06/2012   | 03.02        | 18/06/2012                 | 03.13              | Distance Protection                                |
| 220/132 KV,200 MVA ICT-II at Chikhli          | 18/06/2012   | 15.05        | 19/06/2012                 | 07.38              | LV side R Phase CT Burst                           |
| 220/132 KV 100 MVA ICT @ Gadchiroli           | 18/06/2012   | 15.31        |                            | Continued.         | Differential Protection operated                   |
| Khaparkheda - Kanhan - II                     | 18/06/2012   | 19.17        | 19/06/2012                 | 10.33              | Tripped                                            |
| Butibori-INOX                                 | 19/06/2012   | 03.50        | 19/06/2012                 | 05.34              | LBB Operated of Indorama Ckt.                      |
| Butibori - Koradi                             | 19/06/2012   | 03.50        | 19/06/2012                 | 06.42              | LBB Operated of Indorama Ckt.                      |
| Bus Coupler at Butibori                       | 19/06/2012   | 03.50        | 19/06/2012                 | 05.30              | LBB Operated of Indorama Ckt.                      |
| Main Bus- I @ Butibori                        | 19/06/2012   | 03.50        | 19/06/2012                 | 05.30              | LBB Operated of Indorama Ckt.                      |
| Bhandara - Sunflag - II                       | 19/06/2012   | 05.20        | 19/06/2012                 | 07.28              | Over Current relay Mal operated                    |
| <b>Voltage Level : 132KV</b>                  |              |              | <b>Outage Type TRIPPED</b> |                    |                                                    |
| Akola - Paras-II                              | 18/06/2012   | 01.00        | 18/06/2012                 | 01.18              | Distance Protection                                |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 19/Jun/2012

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 105         |
| Unit 6             | 210                   | 140         |
| Unit 7             | 210                   | 0           |
|                    | <b>620</b>            | <b>245</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 500                   |             |
| Unit 5             | 500                   |             |
|                    | <b>1420</b>           | <b>340</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 140         |
| Unit 6             | 250                   | 170         |
| Unit 7             | 250                   | 120         |
|                    | <b>1130</b>           | <b>610</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 145         |
| Unit 2             | 210                   | 140         |
| Unit 3             | 210                   | 175         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 340         |
| Unit 6             | 500                   | 350         |
| Unit 7             | 500                   | 350         |
|                    | <b>2340</b>           | <b>1690</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 0           |
| Unit 4             | 250                   | 0           |
|                    | <b>500</b>            | <b>0</b>    |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 210         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 0           |
|                    | <b>1340</b>           | <b>630</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 155         |
| Unit 4             | 210                   | 155         |
| Unit 5             | 210                   | 155         |
|                    | <b>630</b>            | <b>465</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 620         |
|                    | <b>852</b>            | <b>620</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                    | 28          |
| VTRNA              | 60                    | 60          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 0           |
| BHTGR/VEER       | 21                    | 0           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 0           |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 13          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>181</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                   | 1100        |
| WARDHA           | 405                   | 323         |
| Other CPPs       | 0                     |             |
|                  | <b>1005</b>           | <b>1423</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                   | 447         |
|                  | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 4516        |
|                  | <b>3455</b>           | <b>4516</b> |