



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**20/Aug/2012**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 20/Aug/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                | 68.584         | 1599.090        | 1) Gujrat                      | 5.065          | 133.749         |
| 2) Hydro                  | 27.836         | 195.269         | 2) Madhya Pradesh              | 19.834         | 355.656         |
| 3) Gas                    | 10.680         | 208.707         | 3) Chattisgarh                 | 12.650         | 224.670         |
| <b>Total MSGENCO</b>      | <b>107.100</b> | <b>2003.066</b> | 4) Maharashtra                 | 65.144         | 1094.989        |
| <b>B) OTHERS</b>          |                |                 | 5) Goa                         | -5.472         | -110.448        |
| 1) JSW JAIGAD             | 19.665         | 450.972         | 6) TAPS 1&2 Injection          | 3.936          | 81.245          |
| 2) WPCL                   | 5.702          | 131.100         | 7) RGPPL Injection             | 13.335         | 320.726         |
| 3) Other CPP / IPP        | 5.139          | 113.929         | 8) Pench (Excess)              | -0.421         | -1.115          |
| 4) Wind Generation        | 18.412         | 530.228         | <b># Total Cent. Sector</b>    | <b>114.071</b> | <b>2099.472</b> |
| 5) PENCH (MS)             | 0.421          | 1.115           | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -8.186         | -241.612        |
| 1) TPCL Thermal           | 25.676         | 517.650         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 4.856          | 63.343          | 1) MSEDCL Bilateral            | 19.046         | 464.250         |
| <b>TOTAL TPCL</b>         | <b>30.532</b>  | <b>580.993</b>  | Include PX                     | 0.000          | 0.019           |
| 3) REL Thermal            | 12.630         | 246.706         | 2) MUMBAI Bilateral            | 9.616          | 241.514         |
| <b>D) STATE</b>           |                |                 | Include PX                     | 0.000          | 16.956          |
| 1) Thermal (A1+C1+C3)     | 106.890        | 2363.446        | 3) MUMBAI Schedule             | 9.616          | 241.514         |
| 2) Hydro (A2+B5+C2)       | 33.113         | 259.727         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 10.680         | 208.707         | 1) MSEDCL                      | 262.324        | 5088.270        |
| 4) Wind (B4)              | 18.412         | 530.228         | 2) TPCL                        | 34.026         | 716.575         |
| 5) CPP (B1+B2+B3)         | 30.506         | 696.001         | 3) REL                         | 17.320         | 352.693         |
| <b>TOTAL STATE</b>        | <b>199.601</b> | <b>4058.109</b> | <b>TOTAL STATE</b>             | <b>313.670</b> | <b>6157.538</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 20 Hrs</b> | <b>C. Night Minimum at 3 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 2792                             | 2995                             | 2661                             |
| MSGENCO Hydro                   | 1636                             | 1334                             | 976                              |
| MSGENCO Gas                     | 441                              | 447                              | 447                              |
| <b>MSGENCO Total Generation</b> | <b>4869</b>                      | <b>4776</b>                      | <b>4084</b>                      |
| <b>Central Sector Receipt</b>   | <b>4848</b>                      | <b>5199</b>                      | <b>4084</b>                      |
| <b>WIND</b>                     | <b>794</b>                       | <b>781</b>                       | <b>750</b>                       |
| <b>CPP / IPP</b>                | <b>1313</b>                      | <b>1103</b>                      | <b>1304</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-374</b>                      | <b>-399</b>                      | <b>-250</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>11457</b>                     | <b>11477</b>                     | <b>9999</b>                      |
| <b>Load Shedding</b>            | <b>479</b>                       | <b>348</b>                       | <b>224</b>                       |
| <b>MSEDCL DEMAND</b>            | <b>11936</b>                     | <b>11825</b>                     | <b>10223</b>                     |
| <b>TPCL GENERATION</b>          | <b>1623</b>                      | <b>1506</b>                      | <b>882</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>526</b>                       | <b>525</b>                       | <b>526</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2523</b>                      | <b>2430</b>                      | <b>1658</b>                      |
| <b>STATE DEMAND MET</b>         | <b>13980</b>                     | <b>13907</b>                     | <b>11657</b>                     |
| <b>STATE DEMAND</b>             | <b>14459</b>                     | <b>14255</b>                     | <b>11881</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.69</b>                     | <b>49.64</b>                     | <b>49.90</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.25 Hz at 15.05 Hrs</b> | <b>48.79 Hz at 10.43 Hrs</b> | <b>49.79</b>         | <b>1.27 % 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 20/Aug/2012

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 1.91        | 40.33         | 112      | 53       | 60       |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 7           | 3.52        | 51.55         | 160      | 130      | 150      |
| Total            | 5.43        | 91.88         |          |          | 210      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.58        | 52.39         | 165      | 135      | 150      |
| Unit 3           | 0.00        | 0.87          | 0        | 0        | 0        |
| Unit 4           | 3.76        | 54.17         | 184      | 129      |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        |          |
| Total            | 7.33        | 107.42        |          |          | 150      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.02        | 47.21         | 143      | 106      | 100      |
| Unit 4           | 3.11        | 58.70         | 152      | 100      | 130      |
| Unit 5           | 2.96        | 51.61         | 143      | 100      | 135      |
| Unit 6           | 4.16        | 71.44         | 212      | 101      | 200      |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 13.25       | 228.96        |          |          | 565      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.18        | 45.62         | 108      | 72       | 100      |
| Unit 2           | 1.86        | 51.13         | 102      | 57       | 100      |
| Unit 3           | 0.00        | 26.95         | 0        | 0        | 0        |
| Unit 4           | 0.07        | 48.92         | 23       | 0        | 0        |
| Unit 5           | 0.84        | 150.01        | 230      | 0        | 0        |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 7           | 8.86        | 166.54        | 409      | 331      | 400      |
| Total            | 13.79       | 489.17        |          |          | 600      |
| Paras            |             |               |          |          |          |
| Unit 3           | 3.60        | 76.58         | 170      | 128      | 160      |
| Unit 4           | 3.76        | 79.64         | 190      | 134      | 160      |
| Total            | 7.36        | 156.23        |          |          | 320      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.40        | 58.48         | 155      | 105      | 145      |
| Unit 2           | 1.28        | 61.76         | 160      | 0        | 0        |
| Unit 3           | 3.66        | 72.62         | 165      | 142      | 140      |
| Unit 4           | 3.48        | 46.64         | 162      | 129      | 135      |
| Unit 5           | 4.62        | 120.06        | 266      | 134      | 180      |
| Total            | 16.45       | 359.56        |          |          | 600      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.91        | 87.76         | 215      | 180      | 210      |
| Unit 4           | 0.05        | 78.11         | 48       | 0        | 0        |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 4.96        | 165.86        |          |          | 210      |
| Uran             |             |               |          |          |          |
| All Units        | 10.68       | 208.71        | 458      | 402      | 450      |
| Total            | 10.68       | 208.71        |          |          | 450      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.42        | 1.12          | 54       | 0        |          |
| Total            | 0.42        | 1.12          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 8.12        | 62.67         | 590      | 75       | 600      |
| Stage 4          | 13.23       | 49.87         | 1120     | 0        | 250      |
| Stage 3          | 5.35        | 37.67         | 240      | 80       | 240      |
| Kovna 12&4 Total | 21.35       | 112.54        |          |          | 850      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>26.71</b> | <b>150.21</b> |          |          | <b>1090</b> |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.00         | 0.00          | 0        | 0        | 0           |
| VTRNA            | 0.00         | 2.07          | 0        | 0        | 0           |
| TILLARI          | 0.06         | 5.72          | 61       | 0        | 0           |
| BHTGR/VEER       | 0.13         | 2.57          | 6        | 5        | 0           |
| BHIRA T.R.       | 0.41         | 7.86          | 80       | 0        | 80          |
| RNGR+BHTSA       | 0.00         | 1.26          | 0        | 0        | 0           |
| BHANDARDRA       | 0.00         | 5.11          | 0        | 0        | 0           |
| ELDARY           | 0.00         | 0.00          | 0        | 0        | 0           |
| SMLHY PTN        | 0.41         | 10.47         | 17       | 17       | 7           |
| GHATGHAR         | 0.11         | 10.00         | 114      | 0        | 0           |
| <b>Total</b>     | <b>1.13</b>  | <b>45.06</b>  |          |          | <b>87</b>   |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 0.86         | 25.62         |          |          |             |
| Vankuswadi       | 1.80         | 37.48         |          |          |             |
| ATIT             | 0.17         | 7.57          |          |          |             |
| Kale             | 0.52         | 14.28         |          |          |             |
| Satara           | 3.92         | 54.54         |          |          |             |
| Shirala          | 0.99         | 16.47         |          |          |             |
| K Mahankal       | 0.10         | 40.09         |          |          |             |
| Supa             | 0.23         | 7.48          |          |          |             |
| Vita             | 3.47         | 67.72         |          |          |             |
| Dondaicha        | 3.86         | 166.86        |          |          |             |
| Sakri            | 0.65         | 24.39         |          |          |             |
| Nandurbar        | 0.35         | 15.78         |          |          |             |
| Khandke          | 1.00         | 26.85         |          |          |             |
| Khaparale        | 0.48         | 25.10         |          |          |             |
| <b>Total</b>     | <b>18.41</b> | <b>530.23</b> |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 19.66        | 450.97        | 906      | 604      | 815         |
| WARDHA           | 5.70         | 131.10        | 314      | 153      | 315         |
| Other CPPs       | 5.14         | 113.93        |          |          |             |
| <b>Total</b>     | <b>30.51</b> | <b>696.00</b> |          |          | <b>1130</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 10.88        | 198.29        | 505      | 288      | 500         |
| Trombay 6        | 4.40         | 117.36        | 267      | 155      | 500         |
| Trombay 7A       | 2.94         | 59.15         | 124      | 120      | 120         |
| Trombay 7B       | 1.62         | 32.49         | 68       | 67       | 60          |
| Trombay 8        | 5.83         | 110.36        | 250      | 199      | 250         |
| TATA Hydro       | 4.86         | 63.34         | 421      | 0        | 447         |
| <b>Total</b>     | <b>30.53</b> | <b>580.99</b> |          |          | <b>1877</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 12.63        | 246.71        | 527      | 525      | 500         |
| <b>Total</b>     | <b>12.63</b> | <b>246.71</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 4795        |
| <b>Total</b>     |              |               |          |          | <b>4795</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 68.58         | 1599.09        |  |  | 2655         |
|                    | Thml+Gas     | 79.26         | 1807.80        |  |  | 3105         |
|                    | Hydro        | 27.84         | 195.27         |  |  | 1177         |
|                    | <b>Total</b> | <b>107.10</b> | <b>2003.07</b> |  |  | <b>4282</b>  |
| <b>State Total</b> |              | <b>199.60</b> | <b>4058.11</b> |  |  | <b>12584</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 20/Aug/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                  | 2777         | 1272         | 447          | 4496          | 715          | 1351         | 4095          | 4320          | -313         | -411                 | 10498                   | 181                  | 10679                       | 1890                         | 12569           | 49.72         |
| 2                  | 2658         | 979          | 447          | 4084          | 710          | 1322         | 4084          | 4447          | -313         | -361                 | 10228                   | 222                  | 10450                       | 1751                         | 12201           | 49.86         |
| 3                  | 2661         | 976          | 447          | 4084          | 750          | 1304         | 3993          | 4084          | -318         | -250                 | 9999                    | 224                  | 10223                       | 1658                         | 11881           | 49.90         |
| 4                  | 2611         | 1076         | 446          | 4133          | 723          | 1266         | 3837          | 4222          | -318         | -202                 | 10155                   | 232                  | 10387                       | 1608                         | 11995           | 49.86         |
| 5                  | 2642         | 1111         | 445          | 4198          | 735          | 1245         | 3823          | 4118          | -283         | -204                 | 10092                   | 247                  | 10339                       | 1609                         | 11948           | 49.71         |
| 6                  | 2677         | 1635         | 438          | 4750          | 718          | 1266         | 3817          | 4104          | -275         | -183                 | 10655                   | 306                  | 10961                       | 1696                         | 12657           | 49.55         |
| 7                  | 2734         | 1872         | 444          | 5050          | 749          | 1292         | 3861          | 4102          | -272         | -127                 | 11083                   | 418                  | 11501                       | 1752                         | 13253           | 49.69         |
| 8                  | 2717         | 1954         | 444          | 5115          | 835          | 1305         | 3934          | 4288          | -303         | -201                 | 11383                   | 531                  | 11914                       | 1851                         | 13765           | 49.66         |
| 9                  | 2761         | 1897         | 447          | 5105          | 873          | 1306         | 3965          | 4246          | -318         | -309                 | 11274                   | 583                  | 11857                       | 2055                         | 13912           | 49.65         |
| 10                 | 2784         | 1860         | 439          | 5083          | 842          | 1304         | 4508          | 4440          | -368         | -422                 | 11300                   | 447                  | 11747                       | 2312                         | 14059           | 49.66         |
| 11                 | 2745         | 1745         | 430          | 4920          | 866          | 1307         | 4497          | 4562          | -419         | -421                 | 11288                   | 435                  | 11723                       | 2497                         | 14220           | 49.47         |
| 12                 | 2792         | 1636         | 441          | 4869          | 794          | 1313         | 4485          | 4848          | -448         | -374                 | 11457                   | 479                  | 11936                       | 2523                         | 14459           | 49.69         |
| 13                 | 2788         | 1286         | 402          | 4476          | 738          | 1324         | 4770          | 5151          | -438         | -393                 | 11296                   | 546                  | 11842                       | 2507                         | 14349           | 49.92         |
| 14                 | 2809         | 865          | 455          | 4129          | 664          | 1357         | 4799          | 5507          | -446         | -389                 | 11268                   | 455                  | 11723                       | 2443                         | 14166           | 49.98         |
| 15                 | 2973         | 890          | 451          | 4314          | 764          | 1379         | 4825          | 5256          | -468         | -412                 | 11301                   | 393                  | 11694                       | 2438                         | 14132           | 49.92         |
| 16                 | 2893         | 538          | 449          | 3880          | 883          | 1378         | 4843          | 5463          | -468         | -351                 | 11253                   | 437                  | 11690                       | 2405                         | 14095           | 49.99         |
| 17                 | 2850         | 648          | 447          | 3945          | 950          | 1246         | 4480          | 5041          | -484         | -359                 | 10823                   | 446                  | 11269                       | 2387                         | 13656           | 49.90         |
| 18                 | 2928         | 352          | 447          | 3727          | 964          | 1082         | 4662          | 4934          | -489         | -355                 | 10352                   | 393                  | 10745                       | 2355                         | 13100           | 49.99         |
| 19                 | 2952         | 408          | 446          | 3806          | 868          | 1088         | 4869          | 5303          | -439         | -322                 | 10743                   | 264                  | 11007                       | 2332                         | 13339           | 49.83         |
| 20                 | 2995         | 1334         | 447          | 4776          | 781          | 1103         | 4943          | 5199          | -439         | -399                 | 11477                   | 348                  | 11825                       | 2430                         | 14255           | 49.64         |
| 21                 | 3177         | 1316         | 450          | 4943          | 719          | 1112         | 4992          | 5045          | -496         | -390                 | 11455                   | 327                  | 11782                       | 2363                         | 14145           | 49.87         |
| 22                 | 3253         | 582          | 456          | 4291          | 722          | 1195         | 4903          | 5270          | -492         | -442                 | 11063                   | 301                  | 11364                       | 2265                         | 13629           | 49.90         |
| 23                 | 3213         | 732          | 457          | 4402          | 524          | 1317         | 4832          | 5253          | -489         | -484                 | 11038                   | 188                  | 11226                       | 2172                         | 13398           | 49.85         |
| 24                 | 3194         | 872          | 458          | 4524          | 525          | 1344         | 4471          | 4868          | -519         | -425                 | 10843                   | 133                  | 10976                       | 2049                         | 13025           | 49.83         |
| <b>MUs</b>         | <b>68.58</b> | <b>27.84</b> | <b>10.68</b> | <b>107.10</b> | <b>18.41</b> | <b>30.51</b> | <b>106.29</b> | <b>114.07</b> | <b>-9.62</b> | <b>-8.19</b>         | <b>262.32</b>           | <b>8.54</b>          | <b>270.86</b>               | <b>51.35</b>                 | <b>322.21</b>   | <b>49.79</b>  |

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 20/Aug/2012**

Position as on 6.30 Hrs of 21/Aug/2012

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                                                                              | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------------------------------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                                                                               |               |
| Hydro GhatgharU1        | 125      | 05/07/2012   | 15:30        |            | Continued. | Annual Overhaul                                                                               | 04/09/2012    |
| Nasik Unit 5            | 210      | 12/07/2012   | 00.35        |            | Continued. | Capital Overhaul                                                                              | 22/08/2012    |
| Parli Unit 7            | 250      | 16/07/2012   | 18.15        |            | Continued. | Annual Overhaul(Earlier W/D for Water Crisis and Coal Shortage.Converted to AOH on 21/7/2012) | 22/08/2012    |
| Cent_Sect Tarapur 1     | 80       | 16/07/2012   | 22.15        |            | Continued. | Refueling work.                                                                               | 21/08/2012    |
| Chandrapur Unit 6       | 500      | 22/07/2012   | 00.49        |            | Continued. | Annual Overhaul.                                                                              | 22/08/2012    |
| Koradi Unit 6           | 210      | 23/07/2012   | 10:51        |            | Continued. | P. A. Fan problem. (Covered to AOH from 26-07-12)                                             | 22/08/2012    |
| Bhusawal Unit 3         | 210      | 01/08/2012   | 07.15        |            | Continued. | Capital Overhaul                                                                              | 05/09/2012    |
| CPP JSW (J) U3          | 300      | 10/08/2012   | 00.00        |            | Continued. | Annual Overhaul.                                                                              | 22/08/2012    |
| Chandrapur Unit 3       | 210      | 10/08/2012   | 19.33        |            | Continued. | I D Fan Problem.(Converted to AOH)                                                            | 11/09/2012    |
| Cent_Sect NTPC(V-5)     | 210      | 18/08/2012   | 00.50        |            | Continued. | Annual Overhaul.                                                                              |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                                                                               |               |
| Bhusawal Unit 5         | 500      | 30/03/2012   | 04.34        |            | Continued. | Hand Tripped                                                                                  |               |
| Koyna Unit 11           | 80       | 18/06/2012   | 08.00        |            | Continued. | Stator E/F.                                                                                   | 02/09/2012    |
| Dabhol 1B               | 230      | 23/07/2012   | 15.57        |            | Continued. | Combustion Inspection                                                                         |               |
| CPP WPCL U-1            | 135      | 03/08/2012   | 08.21        | 20/08/2012 | 20.45      | Electric Fault.                                                                               |               |
| Dabhol 3B               | 230      | 08/08/2012   | 11:40        |            | Continued. | Gas Shortage.                                                                                 |               |
| Dabhol 1X               | 290      | 10/08/2012   | 17.31        |            | Continued. | Gas Shortage.                                                                                 |               |
| Dabhol 1A               | 230      | 10/08/2012   | 17.33        |            | Continued. | Gas Shortage.                                                                                 |               |
| Uran Unit 5             | 108      | 15/08/2012   | 17.30        |            | Continued. | Gas shortage.                                                                                 |               |
| Chandrapur Unit 4       | 210      | 17/08/2012   | 12.04        | 20/08/2012 | 20.10      | I D Fan Problem.                                                                              |               |
| Khaparkheda Unit 2      | 210      | 19/08/2012   | 04.20        | 20/08/2012 | 13.22      | Furnace Pressure high.                                                                        |               |
| Chandrapur Unit 5       | 500      | 19/08/2012   | 13.15        | 20/08/2012 | 19.21      | Generator Protection Operated.                                                                |               |
| Dabhol 2B               | 230      | 19/08/2012   | 17.29        |            | Continued. | Gas Shortage.                                                                                 |               |
| Nasik Unit 4            | 210      | 20/08/2012   | 00.30        |            | Continued. | Boiler Tube Leakage.                                                                          |               |
| Koyna ST-IV 2           | 250      | 20/08/2012   | 12.22        |            | Continued. | Buchollz relay alarm.                                                                         |               |
| CPP JSW (J) U4          | 300      | 20/08/2012   | 16.46        | 20/08/2012 | 21.07      | Tripped.                                                                                      |               |
| Paras Unit 4            | 250      | 21/08/2012   | 01.24        | 21/08/2012 | 05.00      | Flame Failure.                                                                                |               |
| Paras Unit 4            | 250      | 21/08/2012   | 06.01        |            | Continued. | Furnace Pressure high.                                                                        |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 20/Aug/2012**

Position as on 6.30 Hrs of 21/Aug/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</b> PLANNED OUTAGE |                   |                                                                    |
| Parli-Parli (PGCIL) I                     | 02/08/2012   | 12.16        |                                   | Continued.        | Opening of Jumpers of Main Bus-I Between Lonikand -II & PGCIL - I. |
| <b>Voltage Level : 400KV</b>              |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                    |
| Kolhapur-Solapur (PG) II                  | 04/07/2012   | 09.47        |                                   | Continued.        | PGCIL Work                                                         |
| Parli-Parli (PGCIL)-II                    | 19/07/2012   | 08:08        |                                   | Continued.        | Over Voltage.                                                      |
| Seoni-Wardha-II 765KV.                    | 23/07/2012   | 11.47        |                                   | Continued.        | Over Voltage.                                                      |
| Kolhapur-Solapur(PGCIL)-I                 | 25/07/2012   | 21.58        |                                   | Continued.        | Over Voltage                                                       |
| Kolhapur - Mapusa - II                    | 18/08/2012   | 21.45        |                                   | Continued.        | Over Voltage.                                                      |
| Dhule-Sar'Sarovar - I                     | 20/08/2012   | 17.40        |                                   | Continued.        | Y ph.breaker oil leakage.                                          |
| <b>IntraState</b>                         |              |              |                                   |                   |                                                                    |
| <b>Voltage Level : 500KV</b>              |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                    |
| HVDC POLE II - CHDPR                      | 16/08/2012   | 08.24        |                                   | Continued.        | Annual Outage                                                      |
| <b>Voltage Level : 400KV</b>              |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                    |
| 400/220 KV Spare ICT @ Babaleshwar        | 05/07/2012   | 10.38        |                                   | Continued.        | Maintenance work.                                                  |
| 400/220 KV 500 MVA ICT-I @ Deepnagar      | 24/07/2012   | 09.30        |                                   | Continued.        | Modification in Control and Relay Panels and SCADA trials          |
| 400/220 KV,500MVA ICT - III at Parly      | 02/08/2012   | 11.25        |                                   | Continued.        | Opening of Jumpers of M B-I, Bet. Lonikand-II & PGCIL-I & Parli.   |
| 400/220KV 167MVA Spare ICT at Kalwa       | 20/08/2012   | 12.25        | 20/08/2012                        | 14.16             | Checking buchholz relay alarm.                                     |
| <b>Voltage Level : 220KV</b>              |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                    |
| 220/132 KV 100 MVA ICT II at Girvali      | 14/04/2012   | 12:05        |                                   | Continued.        | Augumentation by 200 MVA ICT.                                      |
| Trombay - Tata Tie - I                    | 17/08/2012   | 06.29        |                                   | Continued.        | Replacement of Line Isolator.                                      |
| Kalwa-Mulund-I                            | 20/08/2012   | 08.22        | 20/08/2012                        | 17.24             | Replacement of isolator.                                           |
| Apta-Nagothane                            | 20/08/2012   | 12.14        | 20/08/2012                        | 13.52             | Attend red hot spot.                                               |
| 220/22 KV 40 MVA T/F II @ Sicom           | 20/08/2012   | 12.32        | 20/08/2012                        | 14.20             | Heavy sparking at 220KV side.                                      |
| Lonand - Bothe (Surwadi)                  | 20/08/2012   | 14.00        | 20/08/2012                        | 18.30             | PLCC Work.                                                         |
| <b>Voltage Level : 132KV</b>              |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                    |
| 132/7 KV 31.5 MVA Stn T/F - II @ Bhusawal | 10/08/2012   | 10.22        |                                   | Continued.        | Work at Generation end.                                            |
| <b>Voltage Level : 400KV</b>              |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                    |
| 400/220 KV 100 MVA Spare Unit @ Koradi    | 12/07/2012   | 07.11        |                                   | Continued.        | Main Buchholz protection operated.                                 |
| Bhusawal- Aurangabad                      | 22/07/2012   | 16.09        |                                   | Continued.        | Over Voltage.                                                      |
| Karad-Kolhapur-II                         | 17/08/2012   | 16.43        |                                   | Continued.        | Over Voltage.                                                      |
| Lonikand- Koyna Stage IV                  | 21/08/2012   | 00.36        |                                   | Continued.        | Over Voltage.                                                      |
| <b>Voltage Level : 220KV</b>              |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                    |
| Padgha - Temghar - II                     | 09/07/2012   | 16.33        |                                   | Continued.        | For Padgha ICT loading.                                            |
| Magarpatta - Sirum                        | 21/07/2012   | 19.18        |                                   | Continued.        | To free TBC of Magarpatta.                                         |
| <b>Voltage Level : 400KV</b>              |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                    |
| 400/220 KV 315 MVA ICT-II @ Dhule         | 04/08/2012   | 17.21        |                                   | Continued.        | B Ph. H V Side ICT-II Bushing Burst.                               |
| Deepnagar-Aurangabad-I                    | 10/08/2012   | 14.09        |                                   | Continued.        | B-PH Conductor of Twin Conductors                                  |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 20/Aug/2012**

Position as on 6.30 Hrs of 21/Aug/2012

| Name of Line                        | Tripped Date | Tripped Time | Synchronised Date          | Synchronised Time | Reason of Outage                                |
|-------------------------------------|--------------|--------------|----------------------------|-------------------|-------------------------------------------------|
|                                     |              |              |                            |                   | Snapped(Ready for charging at 16.45Hrs/11-8-12) |
| Padghe-BBLSR-I                      | 20/08/2012   | 03.56        | 20/08/2012                 | 13.27             | Distance protection.                            |
| Padgha - Babaleshwar - II           | 20/08/2012   | 03.56        | 20/08/2012                 | 22.55             | Over Voltage.                                   |
| Babaleshwar - Bhusawal              | 20/08/2012   | 03.56        | 20/08/2012                 | 06.46             | Over Voltage.                                   |
| <b>Voltage Level : 220KV</b>        |              |              | <b>Outage Type</b> TRIPPED |                   |                                                 |
| 220/132 KV 100 MVA ICT @ Gadchiroli | 18/06/2012   | 15.31        |                            | Continued.        | Differential Protection operated                |
| Miraj -Ichalkarajni                 | 19/08/2012   | 19.57        | 20/08/2012                 | 03.32             | Distance protection.                            |
| Khaparkheda-Kawlewada-II            | 20/08/2012   | 14.55        | 20/08/2012                 | 15.45             | Dist.Prot.Operated Z-I,B-Ph.                    |
| Vita-Mhaisal                        | 20/08/2012   | 23.52        |                            | Continued.        | Dist.Prot.Operated.                             |
| Vita - Miraj                        | 21/08/2012   | 01.50        | 21/08/2012                 | 02.02             | Dist.Prot.Operated.                             |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 21/Aug/2012

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 110         |
| Unit 6             | 210                   | 0           |
| Unit 7             | 210                   | 135         |
|                    | <b>620</b>            | <b>245</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 500                   | 0           |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>150</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 125         |
| Unit 4             | 210                   | 135         |
| Unit 5             | 210                   | 110         |
| Unit 6             | 250                   | 160         |
| Unit 7             | 250                   | 0           |
|                    | <b>1130</b>           | <b>530</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 100         |
| Unit 2             | 210                   | 120         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 100         |
| Unit 5             | 500                   | 275         |
| Unit 6             | 500                   | 0           |
| Unit 7             | 500                   | 385         |
|                    | <b>2340</b>           | <b>980</b>  |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 140         |
| Unit 4             | 250                   | 100         |
|                    | <b>500</b>            | <b>240</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 150         |
| Unit 4             | 210                   | 150         |
| Unit 5             | 500                   | 250         |
|                    | <b>1340</b>           | <b>850</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 0           |
|                    | <b>630</b>            | <b>210</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 450         |
|                    | <b>852</b>            | <b>450</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                   | 240         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 0           |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 0           |
| BHTGR/VEER       | 21                    | 5           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 0           |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    |             |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>85</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                   | 815         |
| WARDHA           | 405                   | 330         |
| Other CPPs       | 0                     |             |
|                  | <b>1005</b>           | <b>1145</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                  | 4782        |
|                  | <b>3455</b>           | <b>4782</b> |

|  |              |                     |
|--|--------------|---------------------|
|  | <b>18400</b> | 7 of 7 <b>13134</b> |
|--|--------------|---------------------|