



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**22/Sep/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 22/Sep/2013 SUNDAY**

| <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                | 82.372         | 2035.441        | 1) Gujrat                      | -5.710         | 182.595         |
| 2) Hydro                  | 4.545          | 338.066         | 2) Madhya Pradesh              | 14.315         | 417.831         |
| 3) Gas                    | 10.407         | 225.550         | 3) Chattisgarh                 | 7.880          | 218.160         |
| <b>Total MSGENCO</b>      | <b>97.324</b>  | <b>2599.057</b> | 4) Maharashtra                 | 51.280         | 1454.184        |
| <b>B) 1) JSW JAIGAD</b>   | 19.771         | 463.410         | 5) Goa                         | -4.676         | -117.935        |
| 2) WPCL                   | 7.545          | 162.611         | 6) TAPS 1&2 Injection          | 7.830          | 161.694         |
| 3) ADANI                  | 26.730         | 562.060         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 4) Other CPP / IPP        | 7.927          | 267.325         | 8) Pench (Excess)              | -0.761         | -13.458         |
| 5) Wind Generation        | 33.620         | 204.225         | <b># Total Cent. Sector</b>    | <b>70.158</b>  | <b>2303.071</b> |
| 6) PENCH (MS)             | 0.761          | 13.458          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -21.084        | -424.482        |
| 1) TPCL Thermal           | 15.774         | 410.273         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 0.216          | 108.661         | 1) MSEDCL Bilateral            | -1.257         | 339.006         |
| <b>TOTAL TPCL</b>         | <b>15.990</b>  | <b>518.934</b>  | Include PX                     | -11.885        | 56.577          |
| 3) REL Thermal            | 11.139         | 267.745         | 2) MUMBAI Bilateral            | 18.240         | 389.105         |
| <b>D) STATE</b>           |                |                 | Include PX                     | 5.527          | 97.799          |
| 1) Thermal (A1+C1+C3)     | 109.285        | 2713.459        | 3) MUMBAI Schedule             | 18.240         | 389.645         |
| 2) Hydro (A2+B5+C2)       | 5.522          | 460.185         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 10.407         | 225.550         | 1) MSEDCL                      | 242.752        | 6150.735        |
| 4) Wind (B4)              | 33.620         | 204.225         | 2) TPCL                        | 30.587         | 785.532         |
| 5) CPP (B1+B2+B3)         | 61.973         | 920.076         | 3) REL                         | 17.626         | 425.642         |
| <b>TOTAL STATE</b>        | <b>220.807</b> | <b>4523.495</b> | <b>TOTAL STATE</b>             | <b>290.965</b> | <b>7361.909</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 9 Hrs</b> | <b>B. Evening Peak at 20 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|---------------------------------|---------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 3511                            | 3498                             | 3690                             |
| MSGENCO Hydro                   | 453                             | 411                              | 132                              |
| MSGENCO Gas                     | 443                             | 441                              | 429                              |
| <b>MSGENCO Total Generation</b> | <b>4407</b>                     | <b>4350</b>                      | <b>4251</b>                      |
| <b>Central Sector Receipt</b>   | <b>2757</b>                     | <b>3802</b>                      | <b>1678</b>                      |
| <b>WIND</b>                     | <b>1699</b>                     | <b>1252</b>                      | <b>1543</b>                      |
| <b>CPP / IPP</b>                | <b>2671</b>                     | <b>2677</b>                      | <b>2651</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-770</b>                     | <b>-924</b>                      | <b>-702</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>10787</b>                    | <b>11181</b>                     | <b>9441</b>                      |
| <b>Load Shedding</b>            | <b>120</b>                      | <b>148</b>                       | <b>56</b>                        |
| <b>MSEDCL DEMAND</b>            | <b>10907</b>                    | <b>11329</b>                     | <b>9497</b>                      |
| <b>TPCL GENERATION</b>          | <b>583</b>                      | <b>811</b>                       | <b>559</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>523</b>                      | <b>521</b>                       | <b>406</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>1876</b>                     | <b>2256</b>                      | <b>1667</b>                      |
| <b>STATE DEMAND MET</b>         | <b>12663</b>                    | <b>13437</b>                     | <b>11108</b>                     |
| <b>STATE DEMAND</b>             | <b>12783</b>                    | <b>13585</b>                     | <b>11164</b>                     |
| <b>Frequency (Hz)</b>           | <b>50.16</b>                    | <b>49.94</b>                     | <b>49.99</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.55 Hz at 15.04 Hrs</b> | <b>49.65 Hz at 18.37 Hrs</b> | <b>50.06</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 22/Sep/2013

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 1.77        | 43.87         | 165      | 0        | 155      |
| Unit 6           | 3.57        | 49.32         | 175      | 106      | 155      |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 5.34        | 93.19         |          |          | 310      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 2.60        | 45.04         | 145      | 0        | 140      |
| Unit 3           | 3.08        | 74.77         | 140      | 115      | 140      |
| Unit 4           | 6.25        | 149.58        | 320      | 205      | 325      |
| Unit 5           | 5.48        | 116.71        | 275      | 190      |          |
| Total            | 17.40       | 386.09        |          |          | 605      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.17        | 71.72         | 146      | 123      | 150      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 3.96        | 97.59         | 186      | 136      | 200      |
| Unit 7           | 4.09        | 96.10         | 203      | 139      | 200      |
| Total            | 11.22       | 265.41        |          |          | 550      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.17        | 54.56         | 123      | 67       | 80       |
| Unit 2           | 0.00        | 63.48         | 0        | 0        | 0        |
| Unit 3           | 2.11        | 61.15         | 154      | 50       | 100      |
| Unit 4           | 2.09        | 80.79         | 127      | 47       | 100      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 5.09        | 160.08        | 285      | 165      | 225      |
| Unit 7           | 6.11        | 171.70        | 330      | 207      | 250      |
| Total            | 17.55       | 591.76        |          |          | 755      |
| Paras            |             |               |          |          |          |
| Unit 3           | 3.20        | 98.10         | 144      | 124      | 140      |
| Unit 4           | 0.27        | 93.49         | 76       | 0        | 0        |
| Total            | 3.48        | 191.59        |          |          | 140      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.00        | 73.62         | 190      | 140      | 160      |
| Unit 2           | 3.64        | 29.83         | 180      | 115      | 160      |
| Unit 3           | 4.47        | 75.18         | 194      | 172      | 190      |
| Unit 4           | 3.50        | 79.57         | 193      | 0        | 190      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 15.61       | 258.19        |          |          | 700      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 3.94        | 76.73         | 175      | 140      | 190      |
| Unit 4           | 3.87        | 81.10         | 180      | 149      | 180      |
| Unit 5           | 3.96        | 91.38         | 174      | 147      | 190      |
| Total            | 11.76       | 249.22        |          |          | 560      |
| Uran             |             |               |          |          |          |
| All Units        | 10.41       | 225.55        | 445      | 392      | 430      |
| Total            | 10.41       | 225.55        |          |          | 430      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.76        | 13.46         | 49       | 20       |          |
| Total            | 0.76        | 13.46         |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.46        | 92.77         | 230      | 40       | 600      |
| Stage 4          | 0.00        | 140.02        | 0        | 0        | 250      |
| Stage 3          | 0.89        | 53.28         | 158      | 0        | 240      |
| Kovna 12&4 Total | 1.46        | 232.80        |          |          | 850      |

| Generating unit  | Generation   |                |          |          | OLC (MW)    |
|------------------|--------------|----------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus)  | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>2.35</b>  | <b>286.08</b>  |          |          | <b>1090</b> |
| <b>Hydro</b>     |              |                |          |          |             |
| KDPH             | 0.00         | 4.70           | 0        | 0        | 0           |
| VTRNA            | 0.17         | 3.43           | 61       | 0        | 0           |
| TILLARI          | 0.23         | 5.41           | 59       | 0        | 60          |
| BHTGR/VEER       | 0.11         | 2.25           | 5        | 4        | 0           |
| BHIRA T.R.       | 0.27         | 9.25           | 41       | 0        | 40          |
| RNGR+BHTSA       | 0.41         | 5.88           | 19       | 16       | 15          |
| BHANDARDRA       | 0.20         | 5.10           | 38       | 0        | 0           |
| ELDARY           | 0.00         | 0.00           | 0        | 0        | 0           |
| SMLHY PTN        | 0.29         | 7.12           | 13       | 12       | 4           |
| GHATGHAR         | 0.51         | 8.86           | 125      | 0        | 0           |
| <b>Total</b>     | <b>2.19</b>  | <b>51.99</b>   |          |          | <b>119</b>  |
| <b>Wind</b>      |              |                |          |          |             |
| MalharPeth       | 0.90         | 6.96           |          |          |             |
| Vankuswadi       | 1.64         | 11.43          |          |          |             |
| ATIT             | 0.23         | 2.22           |          |          |             |
| Kale             | 0.70         | 4.81           |          |          |             |
| Satara           | 7.61         | 46.67          |          |          |             |
| Shirala          | 0.49         | 4.10           |          |          |             |
| K Mahankal       | 0.14         | 1.62           |          |          |             |
| Supa             | 0.52         | 3.65           |          |          |             |
| Vita             | 3.81         | 21.50          |          |          |             |
| Dondaicha        | 11.15        | 67.18          |          |          |             |
| Sakri            | 1.70         | 9.57           |          |          |             |
| Nandurbar        | 1.11         | 6.59           |          |          |             |
| Khandke          | 2.20         | 9.23           |          |          |             |
| Khaparale        | 1.44         | 8.70           |          |          |             |
| <b>Total</b>     | <b>33.62</b> | <b>204.22</b>  |          |          |             |
| <b>CPP</b>       |              |                |          |          |             |
| JSW JAIGAD       | 19.77        | 463.41         | 876      | 760      | 925         |
| WARDHA           | 7.54         | 162.61         | 327      | 289      | 325         |
| Adani            | 26.73        | 562.06         | 1230     | 820      | 1234        |
| Other CPPs       | 7.93         | 267.32         |          |          | 400         |
| <b>Total</b>     | <b>61.97</b> | <b>1455.41</b> |          |          | <b>2884</b> |
| <b>Tata</b>      |              |                |          |          |             |
| Trombay 4        | 0.00         | 0.00           | 0        | 0        | 0           |
| Trombay 5        | 7.11         | 245.61         | 497      | 243      | 500         |
| Trombay 6        | 0.00         | 0.00           | 0        | 0        | 0           |
| Trombay 7A       | 2.51         | 29.71          | 130      | 70       | 120         |
| Trombay 7B       | 1.54         | 10.80          | 72       | 53       | 60          |
| Trombay 8        | 4.61         | 124.16         | 248      | 180      | 250         |
| TATA Hydro       | 0.22         | 108.66         | 63       | 0        | 447         |
| <b>Total</b>     | <b>15.99</b> | <b>518.93</b>  |          |          | <b>1377</b> |
| <b>REL</b>       |              |                |          |          |             |
| 1&2              | 11.14        | 267.74         | 523      | 397      | 500         |
| <b>Total</b>     | <b>11.14</b> | <b>267.74</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |                |          |          |             |
| Share            |              |                |          |          | 3302        |
| <b>Total</b>     |              |                |          |          | <b>3302</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 82.37         | 2035.44        |  |  | 3620         |
|                    | Thml+Gas     | 92.78         | 2260.99        |  |  | 4050         |
|                    | Hydro        | 4.54          | 338.07         |  |  | 1209         |
|                    | <b>Total</b> | <b>97.32</b>  | <b>2599.06</b> |  |  | <b>5259</b>  |
| <b>State Total</b> |              | <b>220.81</b> | <b>4523.50</b> |  |  | <b>13322</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/Sep/2013

| 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                  | 3825        | 132  | 392   | 4349  | 1460  | 2848         | 1988        | 1981        | -577         | -918                 | 9766                    | 86                   | 9852                        | 2013                         | 11865           | 50.00         |
| 2                  | 3754        | 119  | 424   | 4297  | 1447  | 2804         | 1930        | 1786        | -561         | -818                 | 9565                    | 56                   | 9621                        | 1846                         | 11467           | 50.09         |
| 3                  | 3715        | 138  | 435   | 4288  | 1530  | 2665         | 1782        | 1894        | -515         | -778                 | 9646                    | 56                   | 9702                        | 1738                         | 11440           | 50.01         |
| 4                  | 3690        | 132  | 429   | 4251  | 1543  | 2651         | 1752        | 1678        | -486         | -702                 | 9441                    | 56                   | 9497                        | 1667                         | 11164           | 49.99         |
| 5                  | 3605        | 72   | 433   | 4110  | 1601  | 2451         | 1853        | 2065        | -485         | -694                 | 9553                    | 56                   | 9609                        | 1659                         | 11268           | 50.00         |
| 6                  | 3622        | 82   | 437   | 4141  | 1565  | 2665         | 2143        | 2350        | -488         | -699                 | 10069                   | 60                   | 10129                       | 1703                         | 11832           | 49.99         |
| 7                  | 3621        | 82   | 445   | 4148  | 1442  | 2365         | 2199        | 2804        | -495         | -671                 | 10110                   | 94                   | 10204                       | 1719                         | 11923           | 50.15         |
| 8                  | 3600        | 123  | 443   | 4166  | 1394  | 2469         | 2341        | 3074        | -629         | -704                 | 10420                   | 143                  | 10563                       | 1757                         | 12320           | 50.09         |
| 9                  | 3511        | 453  | 443   | 4407  | 1699  | 2671         | 2474        | 2757        | -756         | -770                 | 10787                   | 120                  | 10907                       | 1876                         | 12783           | 50.16         |
| 10                 | 3442        | 465  | 433   | 4340  | 1487  | 2653         | 2847        | 2981        | -884         | -919                 | 10564                   | 64                   | 10628                       | 2028                         | 12656           | 50.04         |
| 11                 | 3281        | 180  | 435   | 3896  | 1212  | 2643         | 3022        | 3430        | -972         | -1032                | 10170                   | 70                   | 10240                       | 2174                         | 12414           | 50.13         |
| 12                 | 3199        | 226  | 428   | 3853  | 1474  | 2641         | 2752        | 3230        | -987         | -1022                | 10197                   | 68                   | 10265                       | 2223                         | 12488           | 50.04         |
| 13                 | 3017        | 157  | 437   | 3611  | 1408  | 2648         | 2639        | 3062        | -990         | -1023                | 9727                    | 117                  | 9844                        | 2208                         | 12052           | 50.22         |
| 14                 | 3072        | 85   | 437   | 3594  | 1448  | 2665         | 2607        | 2886        | -965         | -1047                | 9567                    | 61                   | 9628                        | 2130                         | 11758           | 50.21         |
| 15                 | 3114        | 75   | 437   | 3626  | 1327  | 2590         | 2820        | 2935        | -964         | -1089                | 9414                    | 74                   | 9488                        | 2106                         | 11594           | 50.13         |
| 16                 | 3187        | 75   | 433   | 3695  | 1409  | 2364         | 2726        | 3315        | -943         | -1033                | 9775                    | 82                   | 9857                        | 2060                         | 11917           | 50.13         |
| 17                 | 3290        | 265  | 433   | 3988  | 1532  | 2187         | 2553        | 3198        | -835         | -942                 | 10010                   | 95                   | 10105                       | 2030                         | 12135           | 50.01         |
| 18                 | 3273        | 136  | 436   | 3845  | 1274  | 2213         | 2810        | 3400        | -855         | -955                 | 9824                    | 154                  | 9978                        | 2022                         | 12000           | 49.96         |
| 19                 | 3328        | 289  | 410   | 4027  | 1369  | 2537         | 3221        | 3771        | -951         | -985                 | 10743                   | 140                  | 10883                       | 2123                         | 13006           | 49.91         |
| 20                 | 3498        | 411  | 441   | 4350  | 1252  | 2677         | 3409        | 3802        | -973         | -924                 | 11181                   | 148                  | 11329                       | 2256                         | 13585           | 49.94         |
| 21                 | 3493        | 435  | 440   | 4368  | 1280  | 2669         | 3243        | 3549        | -730         | -809                 | 11084                   | 70                   | 11154                       | 2258                         | 13412           | 50.00         |
| 22                 | 3512        | 206  | 444   | 4162  | 1092  | 2679         | 3175        | 3428        | -676         | -801                 | 10607                   | 65                   | 10672                       | 2246                         | 12918           | 50.01         |
| 23                 | 3400        | 118  | 439   | 3957  | 1193  | 2648         | 3156        | 3497        | -786         | -813                 | 10529                   | 61                   | 10590                       | 2214                         | 12804           | 50.05         |
| 24                 | 3323        | 89   | 443   | 3855  | 1182  | 2570         | 2986        | 3282        | -737         | -936                 | 10000                   | 61                   | 10061                       | 2157                         | 12218           | 50.17         |
| MUs                | 82.37       | 4.54 | 10.41 | 97.32 | 33.62 | 61.97        | 62.43       | 70.16       | -18.24       | -21.08               | 242.75                  | 2.06                 | 244.81                      | 48.21                        | 293.02          | 50.06         |

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 22/Sep/2013**

Position as on 6.30 Hrs of 23/Sep/2013

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                                         | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|----------------------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                                          |               |
| Parli Unit 3            | 210      | 13/02/2013   | 23.50        |            | Continued. | Water Shortage                                           |               |
| Parli Unit 5            | 210      | 14/02/2013   | 22.45        | 23/09/2013 | 01.11      | Water Shortage                                           |               |
| Koyna Unit 11           | 80       | 04/06/2013   | 13.25        |            | Continued. | Rotar Fault.                                             |               |
| Chandrapur Unit 5       | 500      | 14/07/2013   | 00.01        |            | Continued. | Annual Overhaul                                          |               |
| Koradi Unit 7           | 210      | 09/08/2013   | 07.22        |            | Continued. | Annual Overhaul                                          |               |
| Cent_Sect Sipat U-1     | 660      | 15/08/2013   | 02.00        |            | Continued. | Annual Overhaul                                          |               |
| Khaparkheda Unit 5      | 500      | 26/08/2013   | 21.37        |            | Continued. | Annual Overhaul                                          |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                                          |               |
| Dabhol 3B               | 230      | 28/05/2013   | 21.58        |            | Continued. | Gas shortage.                                            |               |
| Dabhol 1B               | 230      | 28/05/2013   | 22.02        |            | Continued. | Gas shortage.                                            |               |
| Dabhol 3A               | 230      | 06/06/2013   | 08.28        |            | Continued. | Gas Shortage                                             |               |
| Dabhol 3X               | 290      | 06/06/2013   | 08.28        |            | Continued. | Gas Shortage                                             |               |
| Dabhol 2A               | 230      | 06/06/2013   | 09.10        |            | Continued. | Gas Shortage                                             |               |
| Dabhol 1X               | 290      | 27/06/2013   | 21.46        |            | Continued. | Gas Shortage                                             |               |
| Dabhol 1A               | 230      | 27/06/2013   | 21.47        |            | Continued. | Gas Shortage                                             |               |
| Dabhol 2X               | 290      | 15/07/2013   | 15.09        |            | Continued. | Gas Shortage                                             |               |
| Tata Trombay 6          | 500      | 19/07/2013   | 23.54        |            | Continued. | Economic shut down.                                      |               |
| Dabhol 2B               | 230      | 08/08/2013   | 15.03        |            | Continued. | Withdrawn                                                |               |
| Cent_Sect TARAPUR-3     | 540      | 28/08/2013   | 09.08        |            | Continued. | Reactor Problem.                                         |               |
| CPP JSW (J) U2          | 300      | 07/09/2013   | 00.01        |            | Continued. | Withdrawn due to no schedule.                            |               |
| CPP Adani U1            | 660      | 10/09/2013   | 07.30        |            | Continued. | BLR T/L.                                                 |               |
| Uran Unit 8             | 108      | 13/09/2013   | 13.16        |            | Continued. | Gas Shortage.                                            |               |
| CPP WPCL U-3            | 135      | 16/09/2013   | 21.19        |            | Continued. | ESP Bag filter repl.                                     |               |
| Uran Unit 6             | 108      | 17/09/2013   | 19.17        |            | Continued. | Gas Shortage                                             |               |
| Chandrapur Unit 2       | 210      | 21/09/2013   | 22.19        |            | Continued. | Economiser Tube Leakage.                                 |               |
| Paras Unit 4            | 250      | 22/09/2013   | 04.02        | 23/09/2013 | 01.21      | Bunkaring Problem.                                       |               |
| CPP INDIABULLS          | 270      | 22/09/2013   | 06.04        |            | Continued. | Due to Connected Bouth Line are Tripped on Over Voltage. |               |
| Khaparkheda Unit 4      | 210      | 22/09/2013   | 10.40        | 22/09/2013 | 14.22      | Flame Failure.                                           |               |
| Koradi Unit 5           | 200      | 22/09/2013   | 12.08        |            | Continued. | High Furnace Pressure.                                   |               |
| Bhusawal Unit 2         | 210      | 22/09/2013   | 22.18        |            | Continued. | Main Ejector Tube Leakage.                               |               |
| Parli Unit 5            | 210      | 23/09/2013   | 05.49        |            | Continued. | Main Steam Temp.Low.                                     |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 22/Sep/2013**

Position as on 6.30 Hrs of 23/Sep/2013

| Name of Line                                 | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                  |
|----------------------------------------------|--------------|--------------|-----------------------------------|-------------------|-------------------------------------------------------------------|
| <b>InterState</b>                            |              |              |                                   |                   |                                                                   |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                   |
| Kolhapur - Mapusa - I                        | 19/09/2013   | 16.47        |                                   | Continued.        | Over Voltage.                                                     |
| Dhule-Sar'Sarovar - II                       | 19/09/2013   | 22.05        | 22/09/2013                        | 11.55             | Over Voltage.                                                     |
| Solapur - Solapur (PG)                       | 20/09/2013   | 07.52        | 23/09/2013                        | 06.52             | Over Voltage.                                                     |
| Dhule-Sar'Sarovar - I                        | 22/09/2013   | 15.23        |                                   | Continued.        | Over Voltage.                                                     |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                   |
| Nasik-Navsari-I                              | 21/09/2013   | 17.23        |                                   | Continued.        | To Control Bus Section Breaker Load.                              |
| <b>Voltage Level : 500KV</b>                 |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                   |
| 765KV Wardha-Senoi-II (PGCIL)                | 20/08/2013   | 20:30        |                                   | Continued.        | Over Voltage.                                                     |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                   |
| Parli - Solapur (PGCIL) - I                  | 18/09/2013   | 17.01        |                                   | Continued.        | Over Voltage                                                      |
| Kolhapur-Solapur(PGCIL)-I                    | 18/09/2013   | 17.01        |                                   | Continued.        | Over Voltage                                                      |
| Kolhapur-Solapur (PG) II                     | 20/09/2013   | 17.08        |                                   | Continued.        | Due to Heavy Rains, 7 No's of Towers are Damaged.                 |
| Akola - Wardha - I                           | 22/09/2013   | 06.04        | 22/09/2013                        | 06.33             | Over Voltage.                                                     |
| Akola - Wardha - I                           | 22/09/2013   | 15.01        | 22/09/2013                        | 16.26             | Over Voltage.                                                     |
| Akola - Wardha - I                           | 23/09/2013   | 01.14        | 23/09/2013                        | 06.13             | Over Voltage.                                                     |
| Padgha-Tarapur - II                          | 23/09/2013   | 03.13        |                                   | Continued.        | Over Voltage.                                                     |
| Karad - Solapur (PGCIL)                      | 23/09/2013   | 03.39        |                                   | Continued.        | Over Voltage.                                                     |
| <b>Voltage Level : 132KV</b>                 |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                   |
| Pench - Kanhan                               | 21/09/2013   | 16.04        | 22/09/2013                        | 13.36             | Y & B Ph. CT Jumper Open @ Mansar End.                            |
| <b>IntraState</b>                            |              |              |                                   |                   |                                                                   |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                   |
| 400 KV GT V at Khaparkheda                   | 21/08/2013   | 17.34        |                                   | Continued.        | Hot Spot B Ph. 89T Isolator.                                      |
| Dabhol-Nagothane-II                          | 18/09/2013   | 10.51        |                                   | Continued.        | Tree Cutting work, ready for charging 17.22Hrs                    |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                   |
| Main CB of 220/100kV 200 MVA ICTIII @ Padgha | 22/05/2013   | 10.46        |                                   | Continued.        | Repl. of A and B bus isolator. ICT on TBC.                        |
| 220/132 KV 200 MVA ICT-II @ Boiser           | 12/09/2013   | 13.45        |                                   | Continued.        | CB Compressor Motor problem (Taken on TBC)                        |
| Ghodbandar - Bhoisor (MSETCL)                | 22/09/2013   | 09.36        | 22/09/2013                        | 12.21             | Repl. of isolator Mech box.                                       |
| Main Bus - II @ Ghodbundar                   | 22/09/2013   | 13.35        | 22/09/2013                        | 16.26             | Isolator box repl. work.                                          |
| <b>Voltage Level : 110KV</b>                 |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                   |
| Tata MSETCL-Borivali - I                     | 22/09/2013   | 09.01        | 22/09/2013                        | 14.45             | Repl. of ipilot string at Loc no 1.                               |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                   |
| TBC Breaker @ Bhusawal                       | 07/09/2013   | 22.38        |                                   | Continued.        | Y Phase Breaker Pole Stucked up, hence TBC Brkr Mechanically H/T. |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                   |
| Kandalgaon - ONGC                            | 22/09/2013   | 15.07        | 22/09/2013                        | 18.58             | Attending hot spot.                                               |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                   |
| 400/220 KV 100 MVA                           | 12/07/2012   | 07.11        |                                   | Continued.        | Main Buchholz prot. operated                                      |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 22/Sep/2013**

Position as on 6.30 Hrs of 23/Sep/2013

| Name of Line                         | Tripped Date | Tripped Time | Synchronised Date               | Synchronised Time | Reason of Outage                                                              |
|--------------------------------------|--------------|--------------|---------------------------------|-------------------|-------------------------------------------------------------------------------|
| Spare Unit @ Koradi                  |              |              |                                 |                   |                                                                               |
| Deepnagar-Aurangabad-I               | 07/09/2013   | 22.56        |                                 | Continued.        | Over Voltage.                                                                 |
| Karad - Newkoyna - I                 | 18/09/2013   | 01.54        |                                 | Continued.        | Over Voltage                                                                  |
| Lonikand- Koyna Stage IV             | 22/09/2013   | 01.25        | 22/09/2013                      | 09.02             | Over Voltage.                                                                 |
| Karad-Jaigad I                       | 23/09/2013   | 00.01        |                                 | Continued.        | Over Voltage.                                                                 |
| Lonikand- Koyna Stage IV             | 23/09/2013   | 00.04        |                                 | Continued.        | Over Voltage.                                                                 |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b> |                   |                                                                               |
| Chikhali - Jalna - II                | 24/07/2013   | 19.26        |                                 | Continued.        | To Avoid Overloading by Taking Line in Grid, Handtripped @ Chikhali End Only. |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                                               |
| Dabhol - New Koyna - I               | 07/09/2013   | 01.24        |                                 | Continued.        | Over Voltage.                                                                 |
| Chandrapur - Parli - II              | 21/09/2013   | 15.18        |                                 | Continued.        | Over Voltage.                                                                 |
| Karad - Kolhapur - II                | 21/09/2013   | 23.57        |                                 | Continued.        | Over Voltage.                                                                 |
| Akola - Indiabull (Nandgaonpeth)     | 22/09/2013   | 06.04        | 22/09/2013                      | 09.01             | Over Voltage.                                                                 |
| Koradi - New Koradi                  | 22/09/2013   | 06.04        |                                 | Continued.        | Over Voltage.                                                                 |
| Koradi - II - Indiabull              | 22/09/2013   | 06.04        | 22/09/2013                      | 18.47             | Over Voltage.                                                                 |
| Akola - Indiabull (Nandgaonpeth)     | 22/09/2013   | 15.01        |                                 | Continued.        | Over Voltage.                                                                 |
| Koradi - II - Indiabull              | 23/09/2013   | 00.01        |                                 | Continued.        | Over Voltage.                                                                 |
| Karad - Kolhapur - I                 | 23/09/2013   | 03.37        | 23/09/2013                      | 06.51             | Over Voltage.                                                                 |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                                               |
| 220/100 KV, 200MVA ICT - I at Padgha | 07/06/2013   | 17.48        |                                 | Continued.        | Diff. Protection                                                              |
| Butibori-Abhijeet ckt.               | 19/09/2013   | 19.29        |                                 | Continued.        | Due to Rain Water Entered in Switchyard & Control Room.                       |
| 220/132KV 100MVA ICT-I at Dondaicha  | 22/09/2013   | 07.10        | 22/09/2013                      | 18.47             | PDR Optd.                                                                     |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                                               |
| Chinchwad - Ganeshkhind              | 19/09/2013   | 18.08        |                                 | Continued.        | Distance Protection. Conductor Broken, Y-B                                    |
| Mansar - Pench                       | 21/09/2013   | 16.04        | 22/09/2013                      | 13.48             | Y & B Ph. CT Jumper Open @ Mansar End.                                        |
| Paras-Akot                           | 22/09/2013   | 15.42        | 22/09/2013                      | 16.05             | Dist Prot.                                                                    |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 23/Sep/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 100         |
| Unit 7             | 210                   | 0           |
|                    | <b>620</b>            | <b>100</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 140         |
| Unit 4             | 500                   | 269         |
| Unit 5             | 500                   |             |
|                    | <b>1420</b>           | <b>409</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   |             |
| Unit 4             | 210                   | 140         |
| Unit 5             | 210                   | 75          |
| Unit 6             | 250                   | 163         |
| Unit 7             | 250                   | 180         |
|                    | <b>1130</b>           | <b>558</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 120         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 140         |
| Unit 4             | 210                   | 150         |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 250         |
| Unit 7             | 500                   | 250         |
|                    | <b>2340</b>           | <b>910</b>  |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 148         |
| Unit 4             | 250                   | 145         |
|                    | <b>500</b>            | <b>293</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 190         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 0           |
|                    | <b>1340</b>           | <b>730</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 185         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 210                   | 180         |
|                    | <b>630</b>            | <b>545</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 350         |
|                    | <b>852</b>            | <b>350</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                    | 60          |
| BHTGR/VEER       | 21                    | 5           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 20          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 20          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>145</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       | 1200                  | 783         |
| WARDHA           | 405                   | 320         |
| Adani            | 1320                  | 1234        |
| Other CPPs       | 300                   | 400         |
|                  | <b>3225</b>           | <b>2737</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 0           |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1377</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 3521        |
|                  | <b>3455</b>           | <b>3521</b> |