



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**29/Sep/2014**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 29/Sep/2014 MONDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                  |
|--------------------------|----------------|-----------------|--------------------------------|----------------|------------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly          |
| 1) Thermal               | 93.911         | 2739.587        | 1) Gujrat                      | 9.149          | 138.105          |
| 2) Hydro                 | 34.837         | 605.986         | 2) Madhya Pradesh              | 17.784         | 450.174          |
| 3) Gas                   | 8.424          | 286.323         | 3) Chattisgarh                 | 8.400          | 202.610          |
| <b>Total MSGENCO</b>     | <b>137.172</b> | <b>3631.896</b> | 4) Maharashtra Net             | 118.526        | 2704.418         |
| B) 1) JSW JAIGAD         | 28.928         | 789.177         | (Incl. 765kV Solapur-Raichur)  | -4.521         | -176.600         |
| 2) WPCL                  | 5.519          | 108.610         | 5) Goa                         | -6.543         | -186.298         |
| 3) ADANI                 | 35.010         | 604.213         | 6) TAPS 1&2 Injection          | 7.134          | 212.754          |
| 4) Other CPP / IPP       | 24.770         | 445.363         | 7) RGPPL Injection             | 0.000          | 0.000            |
| 5) Wind Generation       | 4.752          | 543.344         | 8) Pench (Excess)              | -0.590         | -16.683          |
| 6) PENCH (MS)            | 0.590          | 16.683          |                                |                |                  |
| 7) SOLAR                 | 1.041          | 24.822          | <b># Total Cent. Sector</b>    | <b>153.860</b> | <b>3505.080</b>  |
| C) 1) TPCL Thermal       | 16.162         | 438.549         | <b>F) Other Exchanges</b>      |                |                  |
| 2) TPCL Hydro            | 8.319          | 140.507         | 1) With TPCL (Excess)          | -28.959        | -734.163         |
| <b>TOTAL TPCL</b>        | <b>24.481</b>  | <b>579.056</b>  | <b>G) Bilateral Power *</b>    |                |                  |
| 3) REL Thermal           | 12.492         | 348.292         | 1) MSEDCL Bilateral            | 56.618         | 840.594          |
| <b>D) STATE</b>          |                |                 | Include PX                     | 25.480         | 150.045          |
| 1) Thermal (A1+C1+C3)    | 122.565        | 3526.428        | 2) MUMBAI Bilateral            | 26.104         | 652.894          |
| 2) Hydro (A2+B6+C2)      | 43.746         | 763.176         | Include PX                     | 5.722          | 118.958          |
| 3) Gas (A3)              | 8.424          | 286.323         | 3) MUMBAI Schedule             | 28.300         | 667.509          |
| 4) Wind (B5)             | 4.752          | 543.344         | <b>H) ENERGY CATERED (MUs)</b> |                |                  |
| 5) CPP/IPP (B1+B2+B3+B4) | 94.227         | 1947.363        | 1) MSEDCL                      | 362.683        | 8935.025         |
| 6) SOLAR (B7)            | 1.041          | 24.822          | 2) TPCL                        | 41.779         | 1059.623         |
| <b>TOTAL STATE</b>       | <b>274.755</b> | <b>7091.456</b> | 3) REL                         | 24.152         | 601.869          |
|                          |                |                 | <b>TOTAL STATE</b>             | <b>428.614</b> | <b>10596.517</b> |

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

| PARTICULARS                     | A. Morning Peak at 13 Hrs | B. Evening Peak at 14 Hrs | C. Night Minimum at 3 Hrs |
|---------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                 | 4039                      | 4105                      | 3782                      |
| MSGENCO Hydro                   | 1267                      | 1535                      | 1232                      |
| MSGENCO Gas                     | 403                       | 400                       | 278                       |
| <b>MSGENCO Total Generation</b> | <b>5709</b>               | <b>6040</b>               | <b>5292</b>               |
| <b>Central Sector Receipt</b>   | <b>7392</b>               | <b>7226</b>               | <b>5399</b>               |
| <b>WIND</b>                     | <b>287</b>                | <b>254</b>                | <b>188</b>                |
| <b>CPP / IPP</b>                | <b>3930</b>               | <b>3919</b>               | <b>3980</b>               |
| <b>SOLAR</b>                    | <b>145</b>                | <b>126</b>                | <b>0</b>                  |
| <b>Exchange with Mumbai</b>     | <b>-1616</b>              | <b>-1527</b>              | <b>-777</b>               |
| <b>MSEDCL DEMAND MET</b>        | <b>15871</b>              | <b>16061</b>              | <b>14109</b>              |
| <b>Load Shedding</b>            | <b>864</b>                | <b>797</b>                | <b>150</b>                |
| <b>MSEDCL DEMAND</b>            | <b>16735</b>              | <b>16858</b>              | <b>14259</b>              |
| <b>TPCL GENERATION</b>          | <b>1135</b>               | <b>1138</b>               | <b>725</b>                |
| <b>R-INFRA GENERATION</b>       | <b>521</b>                | <b>521</b>                | <b>522</b>                |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>3272</b>               | <b>3186</b>               | <b>2024</b>               |
| <b>STATE DEMAND MET</b>         | <b>19143</b>              | <b>19247</b>              | <b>16133</b>              |
| <b>STATE DEMAND</b>             | <b>20007</b>              | <b>20044</b>              | <b>16283</b>              |
| <b>Frequency (Hz)</b>           | <b>49.74</b>              | <b>49.77</b>              | <b>49.88</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz |
|-----------------------|-----------------------|---------------|---------------------|
| 50.08 Hz at 20:05 Hrs | 49.38 Hz at 09:26 Hrs | 49.79         | 0 % of Time(min)    |

\* 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 29/Sep/2014

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 0.00        | 72.14         | 0        | 0        | 0        |
| Unit 7           | 3.01        | 80.10         | 146      | 95       | 150      |
| Total            | 3.01        | 152.23        |          |          | 150      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 8.92          | 0        | 0        | 0        |
| Unit 3           | 3.08        | 45.21         | 140      | 115      | 130      |
| Unit 4           | 0.00        | 31.84         | 0        | 0        | 0        |
| Unit 5           | 9.44        | 246.68        | 480      | 305      | 450      |
| Total            | 12.52       | 332.66        |          |          | 580      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 3.77        | 102.70        | 160      | 146      | 160      |
| Unit 6           | 4.83        | 141.99        | 231      | 144      | 190      |
| Unit 7           | 5.18        | 135.47        | 236      | 180      | 220      |
| Total            | 13.78       | 380.16        |          |          | 570      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 3.39        | 59.73         | 158      | 119      | 140      |
| Unit 3           | 0.00        | 66.78         | 0        | 0        | 0        |
| Unit 4           | 3.88        | 98.48         | 177      | 135      | 210      |
| Unit 5           | 9.94        | 165.44        | 440      | 390      | 300      |
| Unit 6           | 0.00        | 154.98        | 0        | 0        | 0        |
| Unit 7           | 6.99        | 194.55        | 352      | 229      | 400      |
| Total            | 24.20       | 739.95        |          |          | 1050     |
| Paras            |             |               |          |          |          |
| Unit 3           | 1.83        | 77.20         | 159      | 0        | 0        |
| Unit 4           | 4.12        | 128.63        | 190      | 97       | 250      |
| Total            | 5.95        | 205.83        |          |          | 250      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.58        | 86.00         | 180      | 130      | 170      |
| Unit 2           | 3.40        | 100.68        | 160      | 120      | 170      |
| Unit 3           | 4.11        | 110.69        | 186      | 145      | 170      |
| Unit 4           | 4.04        | 86.75         | 193      | 145      | 170      |
| Unit 5           | 6.72        | 209.42        | 360      | 220      | 350      |
| Total            | 21.84       | 593.54        |          |          | 1030     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.27        | 113.88        | 200      | 160      | 177      |
| Unit 4           | 4.16        | 104.50        | 190      | 162      | 172      |
| Unit 5           | 4.18        | 116.84        | 192      | 156      | 177      |
| Total            | 12.61       | 335.22        |          |          | 526      |
| Uran             |             |               |          |          |          |
| All Units        | 8.42        | 286.32        | 434      | 270      | 440      |
| Total            | 8.42        | 286.32        |          |          | 440      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.59        | 16.68         | 27       | 23       | 0        |
| Total            | 0.59        | 16.68         |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 6.76        | 143.11        | 540      | 50       | 600      |
| Stage 4          | 22.09       | 269.76        | 1120     | 608      | 250      |
| Stage 3          | 5.27        | 96.57         | 240      | 74       | 240      |
| Kovna 12&4 Total | 28.85       | 412.87        |          |          | 850      |

| Generating unit    | Generation   |                |                |          | OLC (MW)     |
|--------------------|--------------|----------------|----------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus)  | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>34.12</b> | <b>509.44</b>  |                |          | <b>1090</b>  |
| <b>Hydro</b>       |              |                |                |          |              |
| KDPH               | 0.02         | 7.42           | 18             | 0        | 0            |
| VTRNA              | 0.00         | 11.63          | 0              | 0        | 0            |
| TILLARI            | 0.06         | 12.44          | 60             | 0        | 60           |
| BHTGR/VEER         | 0.11         | 3.77           | 5              | 4        | 5            |
| BHIRA T.R.         | 0.43         | 11.04          | 80             | 0        | 80           |
| RNGR+BHTSA         | 0.00         | 1.25           | 0              | 0        | 0            |
| BHANDARDRA         | 0.00         | 6.12           | 0              | 0        | 0            |
| ELDARY             | 0.00         | 0.00           | 0              | 0        | 0            |
| SMLHY PTN          | 0.10         | 23.85          | 12             | 1        | 10           |
| GHATGHAR           | 0.00         | 19.02          | 0              | 0        | 0            |
| <b>Total</b>       | <b>0.72</b>  | <b>96.55</b>   |                |          | <b>155</b>   |
| <b>Wind</b>        |              |                |                |          |              |
| MalharPeth         | 0.11         | 16.54          |                |          |              |
| Vankuswadi         | 0.22         | 27.53          |                |          |              |
| ATIT               | 0.02         | 3.60           |                |          |              |
| Kale               | 0.08         | 10.98          |                |          |              |
| Satara             | 3.09         | 251.20         |                |          |              |
| Shirala            | 0.12         | 15.40          |                |          |              |
| K Mahankal         | 0.01         | 1.66           |                |          |              |
| Supa               | 0.09         | 8.63           |                |          |              |
| Vita               | 0.51         | 51.40          |                |          |              |
| Dondaicha          | 0.11         | 91.71          |                |          |              |
| Sakri              | 0.01         | 13.65          |                |          |              |
| Nandurbar          | 0.13         | 16.90          |                |          |              |
| Khandke            | 0.19         | 18.47          |                |          |              |
| Khaparale          | 0.07         | 15.66          |                |          |              |
| <b>Total</b>       | <b>4.75</b>  | <b>543.34</b>  |                |          |              |
| <b>CPP</b>         |              |                |                |          |              |
| JSW JAIGAD         | 28.93        | 789.18         | 1210           | 1203     | 1100         |
| WARDHA             | 5.52         | 108.61         | 233            | 225      | 220          |
| Adani              | 35.01        | 604.21         | 1540           | 1380     | 1553         |
| Other CPPs         | 24.77        | 445.36         |                |          | 968          |
| <b>Total</b>       | <b>94.23</b> | <b>1947.36</b> |                |          | <b>3841</b>  |
| <b>SOLAR</b>       |              |                |                |          |              |
| Total              | 1.04         | 24.82          |                |          |              |
| <b>Total</b>       | <b>1.04</b>  | <b>24.82</b>   |                |          |              |
| <b>Tata</b>        |              |                |                |          |              |
| Trombay 4          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 5          | 11.93        | 286.89         | 503            | 483      | 500          |
| Trombay 6          | 0.00         | 36.25          | 0              | 0        | 0            |
| Trombay 7A         | 2.64         | 71.50          | 118            | 104      | 120          |
| Trombay 7B         | 1.59         | 43.91          | 68             | 64       | 60           |
| Trombay 8          | 0.00         | 0.00           | 0              | 0        | 0            |
| TATA Hydro         | 8.32         | 140.51         | 471            | 39       | 447          |
| <b>Total</b>       | <b>24.48</b> | <b>579.06</b>  |                |          | <b>1127</b>  |
| <b>REL</b>         |              |                |                |          |              |
| 1&2                | 12.49        | 348.29         | 523            | 517      | 500          |
| <b>Total</b>       | <b>12.49</b> | <b>348.29</b>  |                |          | <b>500</b>   |
| <b>Cent Sect</b>   |              |                |                |          |              |
| Share              |              |                |                |          | 7449         |
| <b>Total</b>       |              |                |                |          | <b>7449</b>  |
| MS PG CL           | Thermal      | 93.91          | 2739.59        |          | 4156         |
|                    | Thml+Gas     | 102.34         | 3025.91        |          | 4596         |
|                    | Hydro        | 34.84          | 605.99         |          | 1245         |
|                    | <b>Total</b> | <b>137.17</b>  | <b>3631.90</b> |          | <b>5841</b>  |
| <b>State Total</b> |              | <b>274.76</b>  | <b>7091.46</b> |          | <b>18758</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 29/Sep/2014

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |      | TOTAL  | WIND | CPP /<br>IPP | SOLAR | CS<br>SHARE | CS<br>RECPT | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEM.<br>MET | LOAD<br>SHEDDI<br>NG | MSEDCL<br>DEM.<br>WITH LS | TPCL + R<br>-INFRA<br>DEMAND | STATE<br>DEMAND | FREQ.<br>(Hz) |
|--------------------|-------------|-------|------|--------|------|--------------|-------|-------------|-------------|--------------|----------------------|-----------------------|----------------------|---------------------------|------------------------------|-----------------|---------------|
|                    | THM         | HY    | GAS  |        |      |              |       |             |             |              |                      |                       |                      |                           |                              |                 |               |
| 1                  | 3790        | 1587  | 274  | 5651   | 155  | 3990         | 0     | 5608        | 5709        | -829         | -826                 | 14702                 | 122                  | 14824                     | 2420                         | 17244           | 49.81         |
| 2                  | 3784        | 1427  | 274  | 5485   | 161  | 4016         | 0     | 5613        | 5407        | -681         | -862                 | 14230                 | 131                  | 14361                     | 2161                         | 16522           | 49.85         |
| 3                  | 3782        | 1232  | 278  | 5292   | 188  | 3980         | 0     | 5662        | 5399        | -658         | -777                 | 14109                 | 150                  | 14259                     | 2024                         | 16283           | 49.88         |
| 4                  | 3742        | 1255  | 272  | 5269   | 197  | 4015         | 0     | 5761        | 5850        | -658         | -682                 | 14673                 | 156                  | 14829                     | 1948                         | 16777           | 49.85         |
| 5                  | 3654        | 1478  | 274  | 5406   | 224  | 3996         | 0     | 5710        | 5604        | -658         | -697                 | 14557                 | 199                  | 14756                     | 1930                         | 16686           | 49.89         |
| 6                  | 3574        | 1694  | 275  | 5543   | 237  | 3975         | 0     | 5885        | 5825        | -647         | -720                 | 14883                 | 439                  | 15322                     | 1989                         | 17311           | 49.79         |
| 7                  | 3605        | 1420  | 275  | 5300   | 271  | 3979         | 10    | 6445        | 6502        | -664         | -762                 | 15324                 | 927                  | 16251                     | 2106                         | 18357           | 49.84         |
| 8                  | 3638        | 1218  | 282  | 5138   | 231  | 3940         | 29    | 6474        | 6586        | -664         | -708                 | 15239                 | 955                  | 16194                     | 2220                         | 18414           | 49.74         |
| 9                  | 3785        | 1441  | 272  | 5498   | 222  | 3972         | 82    | 6617        | 6863        | -1034        | -906                 | 15754                 | 819                  | 16573                     | 2532                         | 19105           | 49.69         |
| 10                 | 3837        | 1909  | 270  | 6016   | 254  | 3944         | 120   | 6938        | 6755        | -1137        | -1283                | 15832                 | 546                  | 16378                     | 2946                         | 19324           | 49.64         |
| 11                 | 3894        | 1527  | 283  | 5704   | 315  | 3939         | 148   | 7253        | 7466        | -1607        | -1512                | 16084                 | 545                  | 16629                     | 3170                         | 19799           | 49.58         |
| 12                 | 3913        | 1462  | 336  | 5711   | 304  | 3942         | 150   | 7300        | 7156        | -1665        | -1619                | 15667                 | 698                  | 16365                     | 3273                         | 19638           | 49.73         |
| 13                 | 4039        | 1267  | 403  | 5709   | 287  | 3930         | 145   | 7158        | 7392        | -1670        | -1616                | 15871                 | 864                  | 16735                     | 3272                         | 20007           | 49.74         |
| 14                 | 4105        | 1535  | 400  | 6040   | 254  | 3919         | 126   | 6911        | 7226        | -1571        | -1527                | 16061                 | 797                  | 16858                     | 3186                         | 20044           | 49.77         |
| 15                 | 4182        | 1625  | 408  | 6215   | 202  | 3896         | 116   | 7033        | 7184        | -1593        | -1605                | 16033                 | 660                  | 16693                     | 3266                         | 19959           | 49.75         |
| 16                 | 4130        | 1799  | 412  | 6341   | 185  | 3881         | 58    | 7073        | 7190        | -1617        | -1606                | 16075                 | 659                  | 16734                     | 3271                         | 20005           | 49.81         |
| 17                 | 4093        | 1496  | 414  | 6003   | 177  | 3863         | 38    | 6622        | 6835        | -1607        | -1602                | 15338                 | 678                  | 16016                     | 3263                         | 19279           | 49.78         |
| 18                 | 4159        | 1232  | 429  | 5820   | 164  | 3855         | 18    | 5905        | 5746        | -1590        | -1513                | 14115                 | 854                  | 14969                     | 3171                         | 18140           | 49.80         |
| 19                 | 4158        | 1190  | 428  | 5776   | 129  | 3868         | 1     | 5926        | 6050        | -1498        | -1482                | 14368                 | 523                  | 14891                     | 3143                         | 18034           | 49.76         |
| 20                 | 4169        | 1615  | 432  | 6216   | 163  | 3856         | 0     | 6124        | 6315        | -1522        | -1524                | 15053                 | 637                  | 15690                     | 3187                         | 18877           | 49.88         |
| 21                 | 4101        | 1318  | 432  | 5851   | 130  | 3839         | 0     | 6122        | 6503        | -1404        | -1447                | 14902                 | 469                  | 15371                     | 3069                         | 18440           | 49.95         |
| 22                 | 4030        | 1234  | 434  | 5698   | 124  | 3880         | 0     | 5920        | 6269        | -1239        | -1377                | 14621                 | 278                  | 14899                     | 2940                         | 17839           | 49.90         |
| 23                 | 3927        | 1399  | 434  | 5760   | 98   | 3866         | 0     | 5898        | 6027        | -1092        | -1202                | 14576                 | 140                  | 14716                     | 2773                         | 17489           | 49.78         |
| 24                 | 3820        | 1477  | 433  | 5730   | 80   | 3886         | 0     | 5790        | 6001        | -996         | -1104                | 14616                 | 130                  | 14746                     | 2672                         | 17418           | 49.78         |
| MUs                | 93.91       | 34.84 | 8.42 | 137.17 | 4.75 | 94.23        | 1.04  | 151.75      | 153.86      | -28.30       | -28.96               | 362.68                | 12.38                | 375.06                    | 65.93                        | 440.99          | 49.79         |

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 29/Sep/2014**

Position as on 6.30 Hrs of 30/Sep/2014

| 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                       |               |
| Koyna Unit 11           | 80       | 23/09/2014   | 02.30        |            | Continued. | Stator Earth Fault                   |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                      |               |
| Dabhol 1B               | 230      | 28/05/2013   | 22.02        |            | Continued. | Gas shortage.                        |               |
| Dabhol 3A               | 230      | 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                         |               |
| Dabhol 2B               | 230      | 08/08/2013   | 15.03        |            | Continued. | Gas Shortage                         |               |
| Dabhol 3X               | 290      | 29/12/2013   | 05.47        |            | Continued. | Gas Shortage                         |               |
| Dabhol 3B               | 230      | 29/12/2013   | 06.14        |            | Continued. | Gas Shortage                         |               |
| Tata Trombay 8          | 250      | 09/01/2014   | 22.54        |            | Continued. | Emergency H/T,Fire at turbine track. |               |
| CPP WPCL U-1            | 135      | 30/01/2014   | 12.45        |            | Continued. | turbine vibration                    |               |
| CPP WPCL U-2            | 135      | 18/02/2014   | 00.02        |            | Continued. | Ash Conveying problem                |               |
| CPP Dhariwal            | 300      | 28/05/2014   | 02.27        |            | Continued. | PA Fan Vibration Problem. (U-1).     |               |
| Koradi Unit 5           | 200      | 17/06/2014   | 11.53        |            | Continued. | economic shutdown                    |               |
| Parli Unit 4            | 210      | 29/06/2014   | 10.19        |            | Continued. | Water Shortage                       |               |
| Chandrapur Unit 1       | 210      | 28/08/2014   | 07.15        |            | Continued. | economic shutdown                    |               |
| Uran Unit 8             | 108      | 04/09/2014   | 19.33        |            | Continued. | Gas Shortage                         |               |
| Tata Trombay 6          | 500      | 11/09/2014   | 07.58        |            | Continued. | Economic shutdown                    |               |
| Bhusawal Unit 2         | 210      | 13/09/2014   | 12.43        |            | Continued. | Economic shutdown                    |               |
| CPP Adani U-2           | 660      | 15/09/2014   | 11.28        |            | Continued. | GT Blast(fire on Y-Ph).              |               |
| Bhusawal Unit 4         | 500      | 25/09/2014   | 21.16        |            | Continued. | Economizer Tube Leakage.             |               |
| Paras Unit 3            | 250      | 27/09/2014   | 13.26        | 29/09/2014 | 10.42      | D.C.supply fail                      |               |
| Chandrapur Unit 3       | 210      | 27/09/2014   | 17.43        |            | Continued. | Drum level low                       |               |
| Chandrapur Unit 6       | 500      | 27/09/2014   | 21.57        |            | Continued. | BTL                                  |               |
| Koradi Unit 6           | 210      | 28/09/2014   | 09.45        | 30/09/2014 | 05.16      | BLR T/L.                             |               |
| Uran Unit 6             | 108      | 28/09/2014   | 20.50        | 29/09/2014 | 10.30      | BLR Prot.                            |               |
| Paras Unit 4            | 250      | 29/09/2014   | 23.37        |            | Continued. | Blr Validity Renevoation.            |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 29/Sep/2014**

Position as on 6.30 Hrs of 30/Sep/2014

| Name of Line                          | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                        |
|---------------------------------------|--------------|--------------|-----------------------------------|--------------------|---------------------------------------------------------|
| <b>InterState</b>                     |              |              |                                   |                    |                                                         |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                         |
| A bus @ khargher                      | 27/09/2014   | 08.45        |                                   | Continued.         | BKR.CRM & Timing                                        |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                         |
| Kolhapur - Mapusa - I                 | 28/09/2014   | 16.48        | 29/09/2014                        | 09.46              | Over Voltage.                                           |
| Kolhapur - Mapusa - II                | 29/09/2014   | 17.17        |                                   | Continued.         | Over Voltage.                                           |
| <b>IntraState</b>                     |              |              |                                   |                    |                                                         |
| <b>Voltage Level : 500KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                         |
| HVDC POLE II - CHDPR                  | 20/09/2014   | 21.23        |                                   | Continued.         | For attending gas leakage, taken on TBC.                |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                         |
| 400/220KV 500MVA ,GT-5 at Deepnagar   | 22/09/2014   | 10.50        |                                   | Continued.         | Repl.damaged poles of main CB pole.                     |
| 400/220KV,315 MVA ICT-I at Kolhapur.  | 29/09/2014   | 10.34        | 29/09/2014                        | 14.36              | CT Tan delta measurement and testing work.              |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                         |
| Bus coupler at Kharghar               | 27/09/2014   | 08.45        |                                   | Continued.         | BKR.CRM & Timing                                        |
| Kolhapur-Sawantwadi                   | 29/09/2014   | 14.45        | 29/09/2014                        | 17.38              | Q.M.Work.Cand tan delta testing work of CT.             |
| 220/66KV 150 MVA ICT- II @ Gadchandur | 29/09/2014   | 16.20        |                                   | Continued.         | Overhauling of main breaker(ICT on TBC).                |
| <b>Voltage Level : 110KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                         |
| Kalwa-Kalyan-Salsette - I             | 28/09/2014   | 06.17        |                                   | Continued.         | Replacement of TBC & line side gods at kalyan end       |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                         |
| Karad - Kolhapur - I                  | 28/09/2014   | 16.45        | 29/09/2014                        | 06.41              | Over Voltage.                                           |
| Bhusawal- Aurangabad                  | 28/09/2014   | 17.09        | 29/09/2014                        | 06.29              | Over Voltage.                                           |
| Karad - Kolhapur - II                 | 29/09/2014   | 16.37        |                                   | Continued.         | Over Voltage.                                           |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                         |
| Bale-Osmanbad                         | 27/09/2014   | 10.44        |                                   | Continued.         | To control line loading                                 |
| Aurangabad-Jalna-II                   | 29/09/2014   | 08.32        | 29/09/2014                        | 23.22              | To control A'bad ICT O/L.                               |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                         |
| Dabhol - New Koyna - I                | 29/09/2014   | 20.41        | 29/09/2014                        | 18.21              | Over Voltage.                                           |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                         |
| 220/100KV 200 MVA ICT III at Borivali | 21/09/2014   | 09.16        |                                   | Continued.         | Bus fault due to monkey.                                |
| Aurangabad - Bhenda                   | 26/09/2014   | 07.10        |                                   | Continued.         | Bus bar prot.operated 220kv bhenda ckt B phase ct.burst |
| Bhosari-C'enka                        | 29/09/2014   | 00.13        | 29/09/2014                        | 05.04              | Dist Prot.                                              |
| Dondaicha - Jamde - I                 | 29/09/2014   | 12.52        | 29/09/2014                        | 13.30              | B/U Prot Optd.                                          |
| Dondaicha - Jamde - II.               | 29/09/2014   | 12.52        | 29/09/2014                        | 13.30              | B/U Prot Optd.                                          |
| Kolhapur - Sawantwadi - II            | 29/09/2014   | 16.48        | 29/09/2014                        | 17.45              | Dist.Prot.                                              |
| <b>Voltage Level : 132KV</b>          |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                         |
| Nanded - Kandhar                      | 28/09/2014   | 14.46        | 29/09/2014                        | 10.40              | Dist.Prot.                                              |
| Durugwada-Lalkhedi                    | 29/09/2014   | 16.05        | 29/09/2014                        | 16.18              | Dist Prot.                                              |
| <b>Voltage Level : 100KV</b>          |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                         |
| Kalwa - Vashi - I                     | 29/09/2014   | 00.12        | 29/09/2014                        | 00.17              | At Kalwa end only,FTR Optd.                             |
| Kalwa - Nocil - I                     | 29/09/2014   | 00.12        | 29/09/2014                        | 00.24              | At Kalwa end only,FTR Optd.                             |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 29/Sep/2014**

Position as on 6.30 Hrs of 30/Sep/2014

| Name of Line       | Tripped Date | Tripped Time | Synchronise d Date | Synchronise d Time | Reason of Outage            |
|--------------------|--------------|--------------|--------------------|--------------------|-----------------------------|
| Kalwa - Nocil - II | 29/09/2014   | 00.12        | 29/09/2014         | 00.24              | At Kalwa end only,FTR Optd. |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 30/Sep/2014

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 50          |
| Unit 7             | 210                   | 160         |
|                    | <b>620</b>            | <b>210</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 130         |
| Unit 4             | 500                   | 0           |
| Unit 5             | 500                   | 310         |
|                    | <b>1420</b>           | <b>440</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 160         |
| Unit 6             | 250                   | 225         |
| Unit 7             | 250                   | 225         |
|                    | <b>1130</b>           | <b>610</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 0           |
| Unit 7             | 500                   | 350         |
|                    | <b>2340</b>           | <b>1090</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 180         |
| Unit 4             | 250                   | 0           |
|                    | <b>500</b>            | <b>180</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 170         |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 170         |
| Unit 5             | 500                   | 350         |
|                    | <b>1340</b>           | <b>1030</b> |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 172         |
| Unit 4             | 210                   | 172         |
| Unit 5             | 210                   | 172         |
|                    | <b>630</b>            | <b>516</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 440         |
|                    | <b>852</b>            | <b>440</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                    | 6           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 0           |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    |             |
| SMLHY PTN        | 12                    | 10          |
| GHATGHAR         | 250                   |             |
|                  | <b>611</b>            | <b>156</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                  | 1100        |
| WARDHA           | 405                   | 230         |
| Adani            | 2640                  | 1553        |
| Other CPPs       | 300                   | 958         |
|                  | <b>4545</b>           | <b>3841</b> |
| <b>SOLAR</b>     |                       |             |
| Total            | 0                     |             |
|                  | <b>0</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                   | 0           |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1127</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 6589        |
|                  | <b>3455</b>           | <b>6589</b> |