



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**03/Oct/2014**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 03/Oct/2014 FRIDAY**

| I GENERATION (MUs)       |                |                | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly        | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 115.506        | 338.376        | 1) Gujrat                      | 12.321         | 29.521          |
| 2) Hydro                 | 2.800          | 18.537         | 2) Madhya Pradesh              | 18.476         | 61.728          |
| 3) Gas                   | 10.290         | 30.975         | 3) Chattisgarh                 | 7.610          | 24.950          |
| <b>Total MSGENCO</b>     | <b>128.596</b> | <b>387.888</b> | 4) Maharashtra Net             | 96.107         | 322.598         |
| B) 1) JSW JAIGAD         | 26.779         | 82.496         | (Incl. 765kV Solapur-Raichur)  | -14.765        | -36.646         |
| 2) WPCL                  | 4.280          | 15.190         | 5) Goa                         | -6.106         | -19.842         |
| 3) ADANI                 | 44.660         | 134.360        | 6) TAPS 1&2 Injection          | 7.125          | 21.580          |
| 4) Other CPP / IPP       | 16.385         | 51.736         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 5) Wind Generation       | 1.195          | 8.167          | 8) Pench (Excess)              | -0.957         | -2.608          |
| 6) PENCH (MS)            | 0.957          | 2.608          |                                |                |                 |
| 7) SOLAR                 | 1.008          | 3.164          | <b># Total Cent. Sector</b>    | <b>134.576</b> | <b>437.927</b>  |
| C) 1) TPCL Thermal       | 18.525         | 58.102         | <b>F) Other Exchanges</b>      |                |                 |
| 2) TPCL Hydro            | 0.189          | 4.964          | 1) With TPCL (Excess)          | -23.331        | -72.616         |
| <b>TOTAL TPCL</b>        | <b>18.714</b>  | <b>63.066</b>  | <b>G) Bilateral Power *</b>    |                |                 |
| 3) REL Thermal           | 12.265         | 37.251         | 1) MSEDCL Bilateral            | 42.050         | 146.458         |
| <b>D) STATE</b>          |                |                | Include PX                     | 8.449          | 54.808          |
| 1) Thermal (A1+C1+C3)    | 146.296        | 433.729        | 2) MUMBAI Bilateral            | 23.550         | 72.785          |
| 2) Hydro (A2+B6+C2)      | 3.946          | 26.109         | Include PX                     | 1.355          | 6.374           |
| 3) Gas (A3)              | 10.290         | 30.975         | 3) MUMBAI Schedule             | 23.550         | 72.970          |
| 4) Wind (B5)             | 1.195          | 8.167          | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 5) CPP/IPP (B1+B2+B3+B4) | 92.104         | 283.782        | 1) MSEDCL                      | 335.105        | 1050.920        |
| 6) SOLAR (B7)            | 1.008          | 3.164          | 2) TPCL                        | 33.936         | 108.279         |
| <b>TOTAL STATE</b>       | <b>254.839</b> | <b>785.926</b> | 3) REL                         | 20.373         | 64.677          |
|                          |                |                | <b>TOTAL STATE</b>             | <b>389.414</b> | <b>1223.876</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 4 Hrs |
|---------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                 | 5209                      | 5233                      | 4738                      |
| MSGENCO Hydro                   | 74                        | 41                        | 126                       |
| MSGENCO Gas                     | 424                       | 421                       | 438                       |
| <b>MSGENCO Total Generation</b> | <b>5707</b>               | <b>5695</b>               | <b>5302</b>               |
| <b>Central Sector Receipt</b>   | <b>6122</b>               | <b>5655</b>               | <b>5737</b>               |
| <b>WIND</b>                     | <b>47</b>                 | <b>54</b>                 | <b>31</b>                 |
| <b>CPP / IPP</b>                | <b>3916</b>               | <b>3990</b>               | <b>3858</b>               |
| <b>SOLAR</b>                    | <b>229</b>                | <b>106</b>                | <b>0</b>                  |
| <b>Exchange with Mumbai</b>     | <b>-1055</b>              | <b>-982</b>               | <b>-568</b>               |
| <b>MSEDCL DEMAND MET</b>        | <b>15018</b>              | <b>14569</b>              | <b>14381</b>              |
| <b>Load Shedding</b>            | <b>141</b>                | <b>82</b>                 | <b>59</b>                 |
| <b>MSEDCL DEMAND</b>            | <b>15159</b>              | <b>14651</b>              | <b>14440</b>              |
| <b>TPCL GENERATION</b>          | <b>831</b>                | <b>832</b>                | <b>800</b>                |
| <b>R-INFRA GENERATION</b>       | <b>519</b>                | <b>520</b>                | <b>519</b>                |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2405</b>               | <b>2334</b>               | <b>1887</b>               |
| <b>STATE DEMAND MET</b>         | <b>17423</b>              | <b>16903</b>              | <b>16268</b>              |
| <b>STATE DEMAND</b>             | <b>17564</b>              | <b>16985</b>              | <b>16327</b>              |
| <b>Frequency (Hz)</b>           | <b>50.00</b>              | <b>49.98</b>              | <b>49.97</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.               | MINIMUM FREQ.                | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz     |
|-----------------------------|------------------------------|---------------|-------------------------|
| <b>50.3 Hz at 17.04 Hrs</b> | <b>49.81 Hz at 00.06 Hrs</b> | <b>49.99</b>  | <b>0 % of Time(min)</b> |

\* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 03/Oct/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           | 3.13        | 9.32          | 140      | 119      | 115      |
| Unit 7           | 3.24        | 7.98          | 160      | 110      | 130      |
| Total            | 6.37        | 17.29         |          |          | 245      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 1.43        | 7.52          | 145      | 0        | 130      |
| Unit 4           | 8.12        | 23.96         | 420      | 295      | 350      |
| Unit 5           | 7.91        | 23.36         | 430      | 280      | 300      |
| Total            | 17.46       | 54.83         |          |          | 780      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.54        | 5.82          | 155      | 135      | 145      |
| Unit 5           | 3.76        | 11.08         | 163      | 149      | 157      |
| Unit 6           | 4.72        | 14.77         | 245      | 185      | 190      |
| Unit 7           | 4.84        | 14.94         | 250      | 185      | 190      |
| Total            | 16.85       | 46.62         |          |          | 682      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 3.24        | 6.01          | 149      | 77       | 140      |
| Unit 3           | 3.76        | 8.35          | 172      | 124      | 175      |
| Unit 4           | 4.12        | 12.81         | 194      | 150      | 200      |
| Unit 5           | 8.86        | 27.73         | 425      | 320      | 350      |
| Unit 6           | 8.34        | 24.85         | 400      | 305      | 350      |
| Unit 7           | 8.64        | 25.79         | 425      | 326      | 350      |
| Total            | 36.96       | 105.55        |          |          | 1565     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.44        | 13.03         | 208      | 167      | 230      |
| Unit 4           | 4.74        | 11.18         | 211      | 185      | 230      |
| Total            | 9.18        | 24.21         |          |          | 460      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.42        | 10.56         | 160      | 130      | 170      |
| Unit 2           | 2.62        | 9.25          | 155      | 0        | 170      |
| Unit 3           | 3.61        | 11.97         | 161      | 140      | 170      |
| Unit 4           | 3.50        | 11.75         | 154      | 142      | 170      |
| Unit 5           | 7.52        | 21.98         | 345      | 290      | 350      |
| Total            | 20.66       | 65.52         |          |          | 1030     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.03        | 12.28         | 190      | 160      | 180      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 4.00        | 12.08         | 188      | 158      | 170      |
| Total            | 8.03        | 24.36         |          |          | 350      |
| Uran             |             |               |          |          |          |
| All Units        | 10.29       | 30.98         | 440      | 416      | 440      |
| Total            | 10.29       | 30.98         |          |          | 440      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.96        | 2.61          | 52       | 0        |          |
| Total            | 0.96        | 2.61          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.50        | 7.94          | 225      | 20       | 600      |
| Stage 4          | 0.13        | 4.33          | 103      | 0        | 250      |
| Stage 3          | 0.67        | 2.97          | 152      | 0        | 240      |
| Kovna 12&4 Total | 1.63        | 12.28         |          |          | 850      |

| Generating unit    | Generation   |               |               |          | OLC (MW)     |
|--------------------|--------------|---------------|---------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus) | Max (MW)      | Min (MW) |              |
| <b>Total</b>       | <b>2.30</b>  | <b>15.25</b>  |               |          | <b>1090</b>  |
| <b>Hydro</b>       |              |               |               |          |              |
| KDPH               | 0.00         | 0.00          | 0             | 0        | 0            |
| VTRNA              | 0.00         | 0.13          | 0             | 0        | 0            |
| TILLARI            | 0.06         | 0.43          | 56            | 0        | 0            |
| BHTGR/VEER         | 0.00         | 0.00          | 0             | 0        | 0            |
| BHIRA T.R.         | 0.10         | 0.84          | 40            | 0        | 80           |
| RNGR+BHTSA         | 0.00         | 0.00          | 0             | 0        | 0            |
| BHANDARDRA         | 0.00         | 0.00          | 0             | 0        | 0            |
| ELDARY             | 0.00         | 0.00          | 0             | 0        | 0            |
| SMLHY PTN          | 0.09         | 0.37          | 11            | 1        | 20           |
| GHATGHAR           | 0.25         | 1.52          | 125           | 0        | 0            |
| <b>Total</b>       | <b>0.50</b>  | <b>3.29</b>   |               |          | <b>100</b>   |
| <b>Wind</b>        |              |               |               |          |              |
| MalharPeth         | 0.04         | 0.26          |               |          |              |
| Vankuswadi         | 0.06         | 0.53          |               |          |              |
| ATIT               | 0.00         | 0.06          |               |          |              |
| Kale               | 0.03         | 0.21          |               |          |              |
| Satara             | 0.66         | 5.05          |               |          |              |
| Shirala            | 0.05         | 0.33          |               |          |              |
| K Mahankal         | 0.00         | 0.02          |               |          |              |
| Supa               | 0.04         | 0.14          |               |          |              |
| Vita               | 0.06         | 0.88          |               |          |              |
| Dondaicha          | 0.10         | 0.19          |               |          |              |
| Sakri              | 0.00         | 0.01          |               |          |              |
| Nandurbar          | 0.04         | 0.18          |               |          |              |
| Khandke            | 0.07         | 0.22          |               |          |              |
| Khaparale          | 0.04         | 0.09          |               |          |              |
| <b>Total</b>       | <b>1.20</b>  | <b>8.17</b>   |               |          |              |
| <b>CPP</b>         |              |               |               |          |              |
| JSW JAIGAD         | 26.78        | 82.50         | 1198          | 983      | 1100         |
| WARDHA             | 4.28         | 15.19         | 181           | 172      | 230          |
| Adani              | 44.66        | 134.36        | 2040          | 1690     | 1553         |
| Other CPPs         | 16.38        | 51.74         |               |          | 713          |
| <b>Total</b>       | <b>92.10</b> | <b>283.78</b> |               |          | <b>3596</b>  |
| <b>SOLAR</b>       |              |               |               |          |              |
| Total              | 1.01         | 3.16          |               |          |              |
| <b>Total</b>       | <b>1.01</b>  | <b>3.16</b>   |               |          |              |
| <b>Tata</b>        |              |               |               |          |              |
| Trombay 4          | 0.00         | 0.00          | 0             | 0        | 0            |
| Trombay 5          | 10.46        | 34.03         | 500           | 321      | 500          |
| Trombay 6          | 3.71         | 11.21         | 156           | 153      | 500          |
| Trombay 7A         | 2.75         | 8.10          | 115           | 114      | 120          |
| Trombay 7B         | 1.61         | 4.76          | 68            | 66       | 60           |
| Trombay 8          | 0.00         | 0.00          | 0             | 0        | 0            |
| TATA Hydro         | 0.19         | 4.96          | 44            | 0        | 447          |
| <b>Total</b>       | <b>18.71</b> | <b>63.07</b>  |               |          | <b>1627</b>  |
| <b>REL</b>         |              |               |               |          |              |
| 1&2                | 12.26        | 37.25         | 523           | 472      | 500          |
| <b>Total</b>       | <b>12.26</b> | <b>37.25</b>  |               |          | <b>500</b>   |
| <b>Cent Sect</b>   |              |               |               |          |              |
| Share              |              |               |               |          | 5892         |
| <b>Total</b>       |              |               |               |          | <b>5892</b>  |
| MS<br>PG<br>CL     | Thermal      | 115.51        | 338.38        |          | 5112         |
|                    | Thml+Gas     | 125.80        | 369.35        |          | 5552         |
|                    | Hydro        | 2.80          | 18.54         |          | 1190         |
|                    | <b>Total</b> | <b>128.60</b> | <b>387.89</b> |          | <b>6742</b>  |
| <b>State Total</b> |              | <b>254.84</b> | <b>785.93</b> |          | <b>18357</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 03/Oct/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                  | 4587        | 262  | 438   | 5287   | 33   | 3572         | 0     | 5633        | 6444        | -814         | -1036                | 14333                 | 90                   | 14423                     | 2249                         | 16672           | 49.94         |
| 2                  | 4653        | 253  | 440   | 5346   | 35   | 3808         | 0     | 5660        | 5984        | -732         | -933                 | 14280                 | 59                   | 14339                     | 2109                         | 16448           | 49.93         |
| 3                  | 4660        | 121  | 437   | 5218   | 36   | 3892         | 0     | 5606        | 5978        | -680         | -768                 | 14379                 | 59                   | 14438                     | 1981                         | 16419           | 49.94         |
| 4                  | 4738        | 126  | 438   | 5302   | 31   | 3858         | 0     | 5391        | 5737        | -669         | -568                 | 14381                 | 59                   | 14440                     | 1887                         | 16327           | 49.97         |
| 5                  | 4772        | 126  | 438   | 5336   | 37   | 3909         | 0     | 5359        | 5819        | -669         | -499                 | 14624                 | 60                   | 14684                     | 1845                         | 16529           | 49.95         |
| 6                  | 4772        | 306  | 438   | 5516   | 33   | 4048         | 0     | 5477        | 5886        | -637         | -545                 | 14988                 | 95                   | 15083                     | 1893                         | 16976           | 49.96         |
| 7                  | 4897        | 171  | 440   | 5508   | 39   | 4071         | 6     | 5590        | 5770        | -619         | -550                 | 14894                 | 137                  | 15031                     | 1901                         | 16932           | 49.99         |
| 8                  | 4940        | 64   | 440   | 5444   | 35   | 4076         | 24    | 5299        | 5197        | -675         | -576                 | 14250                 | 129                  | 14379                     | 1929                         | 16308           | 50.07         |
| 9                  | 4949        | 54   | 429   | 5432   | 24   | 3861         | 63    | 5092        | 5035        | -770         | -675                 | 13790                 | 107                  | 13897                     | 2034                         | 15931           | 50.00         |
| 10                 | 4861        | 91   | 428   | 5380   | 26   | 3593         | 102   | 5350        | 5549        | -985         | -814                 | 13885                 | 79                   | 13964                     | 2172                         | 16136           | 49.98         |
| 11                 | 4817        | 119  | 420   | 5356   | 30   | 3584         | 115   | 5865        | 6044        | -1117        | -995                 | 14183                 | 78                   | 14261                     | 2315                         | 16576           | 49.95         |
| 12                 | 4832        | 270  | 417   | 5519   | 41   | 3713         | 133   | 5986        | 6388        | -1213        | -1130                | 14713                 | 78                   | 14791                     | 2395                         | 17186           | 49.93         |
| 13                 | 5209        | 74   | 424   | 5707   | 47   | 3916         | 229   | 5918        | 6122        | -1238        | -1055                | 15018                 | 141                  | 15159                     | 2405                         | 17564           | 50.00         |
| 14                 | 5233        | 41   | 421   | 5695   | 54   | 3990         | 106   | 5433        | 5655        | -1211        | -982                 | 14569                 | 82                   | 14651                     | 2334                         | 16985           | 49.98         |
| 15                 | 5257        | 46   | 421   | 5724   | 51   | 3937         | 107   | 5352        | 5577        | -1158        | -1025                | 14422                 | 63                   | 14485                     | 2375                         | 16860           | 49.99         |
| 16                 | 4931        | 41   | 416   | 5388   | 43   | 3958         | 73    | 5350        | 5548        | -1189        | -1055                | 14005                 | 63                   | 14068                     | 2409                         | 16477           | 49.97         |
| 17                 | 4733        | 41   | 420   | 5194   | 41   | 3781         | 37    | 4836        | 4993        | -1131        | -1007                | 13089                 | 63                   | 13152                     | 2372                         | 15524           | 50.13         |
| 18                 | 4709        | 66   | 421   | 5196   | 80   | 3540         | 13    | 4428        | 4711        | -1083        | -1121                | 12451                 | 63                   | 12514                     | 2325                         | 14839           | 50.04         |
| 19                 | 4723        | 113  | 421   | 5257   | 50   | 3688         | 0     | 4878        | 5127        | -1187        | -1308                | 12845                 | 63                   | 12908                     | 2493                         | 15401           | 50.07         |
| 20                 | 4723        | 201  | 422   | 5346   | 94   | 3974         | 0     | 5333        | 5438        | -1201        | -1312                | 13540                 | 63                   | 13603                     | 2628                         | 16231           | 50.00         |
| 21                 | 4619        | 21   | 424   | 5064   | 52   | 3960         | 0     | 5344        | 5625        | -1203        | -1285                | 13442                 | 63                   | 13505                     | 2607                         | 16112           | 49.98         |
| 22                 | 4653        | 41   | 430   | 5124   | 78   | 3808         | 0     | 4955        | 5355        | -1127        | -1382                | 13020                 | 63                   | 13083                     | 2587                         | 15670           | 50.02         |
| 23                 | 4614        | 106  | 432   | 5152   | 110  | 3778         | 0     | 4935        | 5236        | -1190        | -1415                | 12900                 | 63                   | 12963                     | 2561                         | 15524           | 49.97         |
| 24                 | 4624        | 46   | 435   | 5105   | 95   | 3789         | 0     | 4825        | 5358        | -1048        | -1295                | 13104                 | 63                   | 13167                     | 2504                         | 15671           | 49.95         |
| MUs                | 115.51      | 2.80 | 10.29 | 128.60 | 1.20 | 92.10        | 1.01  | 127.90      | 134.58      | -23.55       | -23.33               | 335.10                | 1.88                 | 336.99                    | 54.31                        | 391.30          | 49.99         |

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss  
# Without Applying Load Diversity Factor

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 03/Oct/2014**

Position as on 6.30 Hrs of 04/Oct/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                     |               |
| Chandrapur Unit 1       | 210      | 28/08/2014   | 07.15        |            | Continued. | economic shutdown                     |               |
| Uran Unit 8             | 108      | 04/09/2014   | 19.33        |            | Continued. | Gas Shortage                          |               |
| 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).               |               |
| Nasik Unit 4            | 210      | 30/09/2014   | 13.00        |            | Continued. | ID Fan Problem                        |               |
| CPP IPL U-2             | 270      | 01/10/2014   | 08.10        |            | Continued. | Coal Shortage                         |               |
| CPP Adani U1            | 660      | 03/10/2014   | 08.11        |            | Continued. | Gen. T/F R-Phase Bushing Replacement. |               |
| Bhusawal Unit 3         | 210      | 03/10/2014   | 10.54        |            | Continued. | Flame Failure.                        |               |
| Koyna Unit 1            | 75       | 03/10/2014   | 19:10        | 03/10/2014 | 21:35      | LBB Operated.                         |               |
| Koyna Unit 2            | 75       | 03/10/2014   | 19:10        | 03/10/2014 | 20:45      | LBB Operated.                         |               |
| Koyna Unit 4            | 75       | 03/10/2014   | 19:10        | 03/10/2014 | 20:40      | LBB Operated.                         |               |
| Koyna Unit 3            | 75       | 03/10/2014   | 19:10        | 03/10/2014 | 20:55      | LBB Operated.                         |               |
| Khaparkheda Unit 2      | 210      | 03/10/2014   | 20.05        |            | Continued. | Coal Shortage.                        |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 03/Oct/2014**

Position as on 6.30 Hrs of 04/Oct/2014

| Name of Line                               | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                        |
|--------------------------------------------|--------------|--------------|-----------------------------------|--------------------|---------------------------------------------------------|
| <b>InterState</b>                          |              |              |                                   |                    |                                                         |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                         |
| Kolhapur-Mapusa-II                         | 02/10/2014   | 21.57        |                                   | Continued.         | Over Voltage                                            |
| Dabhol-Nagothane-II                        | 03/10/2014   | 16.35        |                                   | Continued.         | D.T.Recive                                              |
| Kolhapur-Solapur(PGCIL)-I                  | 03/10/2014   | 17.01        |                                   | Continued.         | Over Voltage.                                           |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                         |
| Dhule-Sar'Sarovar - I                      | 03/10/2014   | 13.37        |                                   | Continued.         | Trriped R-E Fault.Ready for charging from 22 Hrs.       |
| <b>Voltage Level : 132KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                         |
| Pench - Kanhan                             | 03/10/2014   | 14.24        |                                   | Continued.         | Dist. Protection Optd.                                  |
| <b>IntraState</b>                          |              |              |                                   |                    |                                                         |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                         |
| 400/220KV 500MVA ,GT-5 at Deepnagar        | 22/09/2014   | 10.50        |                                   | Continued.         | Repl.damaged poles of main CB pole.                     |
| 400/220 KV 500 MVA ICT - II at Khaparkheda | 03/10/2014   | 10.18        | 03/10/2014                        | 18.05              | For retrofitting of Faulty Diff.Relay.                  |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                         |
| Karad - Kolhapur - II                      | 02/10/2014   | 16.51        | 03/10/2014                        | 10.35              | Over Voltage                                            |
| Karad-Jaigad I                             | 02/10/2014   | 17.51        |                                   | Continued.         | Over Voltage                                            |
| Bhusawal- Aurangabad                       | 02/10/2014   | 18.06        |                                   | Continued.         | Over Voltage                                            |
| Karad - Kolhapur - II                      | 03/10/2014   | 15.54        |                                   | Continued.         | Over Voltage.                                           |
| Lonikand- Koyna Stage IV                   | 03/10/2014   | 16.05        | 04/10/2014                        | 06.41              | Over Voltage.                                           |
| Khadka - Aurangabad                        | 03/10/2014   | 18.06        | 04/10/2014                        | 06.41              | Over Voltage.                                           |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                         |
| Babaleshwar - Ranjangaon                   | 03/10/2014   | 10.41        | 03/10/2014                        | 17.07              | To Cont.Loading on BBLR ICT.                            |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                         |
| Karad-New Koyna II                         | 03/10/2014   | 17.10        | 03/10/2014                        | 18.30              | Dist.Protection.                                        |
| Deepnagar-Waluj I                          | 04/10/2014   | 06.17        |                                   | Continued.         | Dist.Protection.                                        |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                         |
| 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 |
| 220/33 kv 100 MVA ICT - II @ Boisar        | 03/10/2014   | 15.41        | 03/10/2014                        | 18.32              | Diff.optd                                               |
| 220/100kv 200 MVA ICT-2 @ PAL              | 03/10/2014   | 17.35        | 03/10/2014                        | 22.05              | Diff.optd                                               |
| Lote- Dasturi                              | 03/10/2014   | 18.05        |                                   | Continued.         | Dist.Protection.                                        |
| Pophali - Kandalgaon                       | 03/10/2014   | 19:10        | 04/10/2014                        | 00:35              | LBB Operated.                                           |
| Pophali - Pedambe - I                      | 03/10/2014   | 19:10        | 03/10/2014                        | 20:55              | LBB Operated.                                           |
| Pophali - KDPH                             | 03/10/2014   | 19:10        | 03/10/2014                        | 21:00              | LBB Operated.                                           |
| <b>Voltage Level : 132KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                         |
| Girwali - Renapur                          | 03/10/2014   | 09.05        |                                   | Continued.         | Dist. Protection.                                       |
| Parbhani-Parthur                           | 03/10/2014   | 20.01        | 03/10/2014                        | 20.12              | Dist.Protection.                                        |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 04/Oct/2014

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 130         |
| Unit 7             | 210                   | 155         |
|                    | <b>620</b>            | <b>285</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 500                   | 350         |
| Unit 5             | 500                   | 350         |
|                    | <b>1420</b>           | <b>700</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 151         |
| Unit 5             | 210                   | 165         |
| Unit 6             | 250                   | 186         |
| Unit 7             | 250                   | 186         |
|                    | <b>1130</b>           | <b>688</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 350         |
| Unit 6             | 500                   | 300         |
| Unit 7             | 500                   | 350         |
|                    | <b>2340</b>           | <b>1530</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 200         |
| Unit 4             | 250                   | 230         |
|                    | <b>500</b>            | <b>430</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 170         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 170         |
| Unit 5             | 500                   | 350         |
|                    | <b>1340</b>           | <b>860</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 172         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 172         |
|                    | <b>630</b>            | <b>344</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 440         |
|                    | <b>852</b>            | <b>440</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    | 0           |
|                    | <b>53</b>             | <b>0</b>    |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 0           |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 0           |
| BHTGR/VEER       | 21                    | 0           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 0           |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 11          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>91</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                   | 180         |
| Adani            | 2640                  | 1100        |
| Other CPPs       | 300                   | 719         |
|                  | <b>4545</b>           | <b>3099</b> |
| <b>SOLAR</b>     |                       |             |
| Total            | 0                     |             |
|                  | <b>0</b>              |             |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 0           |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1627</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 6939        |
|                  | <b>3455</b>           | <b>6939</b> |

|  |              |              |
|--|--------------|--------------|
|  | <b>21940</b> | <b>18623</b> |
|--|--------------|--------------|