



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**16/Apr/2014**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 16/Apr/2014 WEDNESDAY**

| <b>I GENERATION (MUs)</b>       |                |                 | <b>II EXCHANGES (MUs)</b>      |                |                 |
|---------------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| <b>A) MSGENCO</b>               | <b>Daily</b>   | <b>Monthly</b>  | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>  |
| 1) Thermal                      | 125.220        | 2019.479        | 1) Gujrat                      | 3.805          | 100.697         |
| 2) Hydro                        | 29.596         | 346.576         | 2) Madhya Pradesh              | 22.845         | 394.629         |
| 3) Gas                          | 11.070         | 145.180         | 3) Chattisgarh                 | 10.370         | 168.980         |
| <b>Total MSGENCO</b>            | <b>165.886</b> | <b>2511.235</b> | 4) Maharashtra Net             | 93.105         | 1399.648        |
| <b>B) 1) JSW JAIGAD</b>         | 13.803         | 228.990         | (Incl. 765kV Solapur-Raichur)  | -1.637         | -32.227         |
| 2) WPCL                         | 0.000          | 4.347           | 5) Goa                         | -6.184         | -98.603         |
| 3) ADANI                        | 33.661         | 609.491         | 6) TAPS 1&2 Injection          | 7.446          | 119.086         |
| 4) Other CPP / IPP              | 23.389         | 376.855         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 5) Wind Generation              | 7.347          | 130.407         | 8) Pench (Excess)              | 0.035          | -2.420          |
| 6) PENCH (MS)                   | 0.332          | 2.787           | <b># Total Cent. Sector</b>    | <b>131.422</b> | <b>2082.017</b> |
| 7) SOLAR                        | 0.960          | 16.634          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) 1) TPCL Thermal</b>       | 19.948         | 285.851         | 1) With TPCL (Excess)          | -21.593        | -372.969        |
| 2) TPCL Hydro                   | 4.778          | 59.571          | <b>G) Bilateral Power *</b>    |                |                 |
| <b>TOTAL TPCL</b>               | <b>24.726</b>  | <b>345.422</b>  | 1) MSEDCL Bilateral            | 21.640         | 266.771         |
| 3) REL Thermal                  | 12.512         | 198.263         | Include PX                     | 4.021          | 7.197           |
| <b>D) STATE</b>                 |                |                 | 2) MUMBAI Bilateral            | 24.534         | 396.295         |
| <b>1) Thermal (A1+C1+C3)</b>    | 157.680        | 2503.593        | Include PX                     | 1.354          | 69.254          |
| <b>2) Hydro (A2+B6+C2)</b>      | 34.706         | 408.934         | 3) MUMBAI Schedule             | 24.534         | 396.295         |
| <b>3) Gas (A3)</b>              | 11.070         | 145.180         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| <b>4) Wind (B5)</b>             | 7.347          | 130.407         | 1) MSEDCL                      | 355.207        | 5589.794        |
| <b>5) CPP/IPP (B1+B2+B3+B4)</b> | 70.853         | 643.853         | 2) TPCL                        | 38.069         | 585.850         |
| <b>6) SOLAR (B7)</b>            | 0.960          | 16.634          | 3) REL                         | 20.759         | 330.873         |
| <b>TOTAL STATE</b>              | <b>282.616</b> | <b>3848.601</b> | <b>TOTAL STATE</b>             | <b>414.035</b> | <b>6506.517</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 13 Hrs</b> | <b>B. Evening Peak at 16 Hrs</b> | <b>C. Night Minimum at 5 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 5375                             | 5261                             | 5222                             |
| MSGENCO Hydro                   | 2258                             | 1849                             | 388                              |
| MSGENCO Gas                     | 441                              | 443                              | 477                              |
| <b>MSGENCO Total Generation</b> | <b>8074</b>                      | <b>7553</b>                      | <b>6087</b>                      |
| <b>Central Sector Receipt</b>   | 6276                             | 6078                             | 4942                             |
| <b>WIND</b>                     | 64                               | 447                              | 364                              |
| <b>CPP / IPP</b>                | 2849                             | 3073                             | 3014                             |
| <b>SOLAR</b>                    | 131                              | 95                               | 0                                |
| <b>Exchange with Mumbai</b>     | -1205                            | -1212                            | -387                             |
| <b>MSEDCL DEMAND MET</b>        | 16196                            | 16042                            | 14020                            |
| <b>Load Shedding</b>            | 443                              | 228                              | 105                              |
| <b>MSEDCL DEMAND</b>            | <b>16639</b>                     | <b>16270</b>                     | <b>14125</b>                     |
| <b>TPCL GENERATION</b>          | 1257                             | 1180                             | 833                              |
| <b>R-INFRA GENERATION</b>       | 521                              | 523                              | 524                              |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2983</b>                      | <b>2915</b>                      | <b>1744</b>                      |
| <b>STATE DEMAND MET</b>         | <b>19179</b>                     | <b>18957</b>                     | <b>15764</b>                     |
| <b>STATE DEMAND</b>             | <b>19622</b>                     | <b>19185</b>                     | <b>15869</b>                     |
| <b>Frequency (Hz)</b>           | 50.05                            | 49.84                            | 49.93                            |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.18 Hz at 07:56 Hrs</b> | <b>49.58 Hz at 09:06 Hrs</b> | <b>49.91</b>         | <b>0 % of Time(min)</b>    |

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

**Shift Engineer**

**Shift Incharge**

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 16/Apr/2014

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 0.40          | 0        | 0        | 0        |
| Unit 6           | 3.23        | 38.60         | 161      | 100      | 105      |
| Unit 7           | 3.26        | 56.56         | 155      | 130      | 130      |
| Total            | 6.50        | 95.57         |          |          | 235      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 2.88        | 39.56         | 140      | 110      | 130      |
| Unit 3           | 3.08        | 46.83         | 140      | 115      | 130      |
| Unit 4           | 0.00        | 123.70        | 0        | 0        | 0        |
| Unit 5           | 8.23        | 111.99        | 420      | 0        | 350      |
| Total            | 14.20       | 322.08        |          |          | 610      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.97        | 61.06         | 180      | 158      | 170      |
| Unit 5           | 3.72        | 23.39         | 169      | 143      | 150      |
| Unit 6           | 4.98        | 72.42         | 250      | 183      | 185      |
| Unit 7           | 3.79        | 70.99         | 188      | 128      | 185      |
| Total            | 16.46       | 227.87        |          |          | 690      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.30        | 53.96         | 145      | 132      | 150      |
| Unit 2           | 3.98        | 55.31         | 169      | 159      | 170      |
| Unit 3           | 4.07        | 54.01         | 182      | 123      | 190      |
| Unit 4           | 4.67        | 74.63         | 205      | 173      | 210      |
| Unit 5           | 10.25       | 168.23        | 465      | 375      | 450      |
| Unit 6           | 9.13        | 158.24        | 405      | 340      | 425      |
| Unit 7           | 9.45        | 152.45        | 413      | 370      | 400      |
| Total            | 44.84       | 716.83        |          |          | 1995     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.52        | 64.32         | 204      | 154      | 200      |
| Unit 4           | 4.34        | 62.27         | 226      | 0        | 180      |
| Total            | 8.85        | 126.58        |          |          | 380      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.88        | 60.36         | 180      | 145      | 180      |
| Unit 2           | 3.90        | 58.84         | 185      | 135      | 180      |
| Unit 3           | 0.00        | 0.80          | 0        | 0        | 0        |
| Unit 4           | 4.87        | 72.48         | 211      | 186      | 210      |
| Unit 5           | 8.59        | 147.46        | 467      | 290      | 500      |
| Total            | 21.24       | 339.94        |          |          | 1070     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.30        | 49.62         | 185      | 170      | 180      |
| Unit 4           | 4.41        | 70.87         | 194      | 174      | 190      |
| Unit 5           | 4.42        | 70.11         | 192      | 174      | 190      |
| Total            | 13.13       | 190.61        |          |          | 560      |
| Uran             |             |               |          |          |          |
| All Units        | 11.07       | 145.18        | 562      | 439      | 540      |
| Total            | 11.07       | 145.18        |          |          | 540      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.33        | 2.79          | 54       | 0        | 0        |
| Total            | 0.33        | 2.79          |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 9.08        | 85.16         | 570      | 50       | 600      |
| Stage 4          | 12.17       | 136.83        | 1120     | 0        | 250      |
| Stage 3          | 4.54        | 48.79         | 320      | 24       | 320      |
| Kovna 12&4 Total | 21.25       | 221.98        |          |          | 850      |

| Generating unit    | Generation   |                |                |          | OLC (MW)     |
|--------------------|--------------|----------------|----------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus)  | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>25.79</b> | <b>270.77</b>  |                |          | <b>1170</b>  |
| <b>Hydro</b>       |              |                |                |          |              |
| KDPH               | 0.36         | 7.37           | 15             | 15       | 32           |
| VTRNA              | 1.20         | 20.26          | 61             | 0        | 61           |
| TILLARI            | 0.40         | 6.29           | 64             | 0        | 64           |
| BHTGR/VEER         | 0.08         | 1.08           | 4              | 3        | 3            |
| BHIRA T.R.         | 0.18         | 3.36           | 40             | 0        | 40           |
| RNGR+BHTSA         | 0.32         | 5.09           | 14             | 13       | 7            |
| BHANDARDRA         | 0.00         | 3.27           | 0              | 0        | 0            |
| ELDARY             | 0.00         | 2.05           | 0              | 0        | 0            |
| SMLHY PTN          | 0.83         | 14.35          | 35             | 34       | 8            |
| GHATGHAR           | 0.44         | 12.68          | 125            | 0        | 0            |
| <b>Total</b>       | <b>3.81</b>  | <b>75.80</b>   |                |          | <b>215</b>   |
| <b>Wind</b>        |              |                |                |          |              |
| MalharPeth         | 0.22         | 4.67           |                |          |              |
| Vankuswadi         | 0.41         | 7.60           |                |          |              |
| ATIT               | 0.03         | 0.89           |                |          |              |
| Kale               | 0.13         | 3.01           |                |          |              |
| Satara             | 1.67         | 30.52          |                |          |              |
| Shirala            | 0.20         | 3.16           |                |          |              |
| K Mahankal         | 0.01         | 0.38           |                |          |              |
| Supa               | 0.08         | 1.57           |                |          |              |
| Vita               | 0.63         | 16.54          |                |          |              |
| Dondaicha          | 2.82         | 43.57          |                |          |              |
| Sakri              | 0.30         | 4.77           |                |          |              |
| Nandurbar          | 0.37         | 5.03           |                |          |              |
| Khandke            | 0.15         | 3.91           |                |          |              |
| Khaparale          | 0.32         | 4.79           |                |          |              |
| <b>Total</b>       | <b>7.35</b>  | <b>130.41</b>  |                |          |              |
| <b>CPP</b>         |              |                |                |          |              |
| JSW JAIGAD         | 13.80        | 228.99         | 610            | 528      | 550          |
| WARDHA             | 0.00         | 4.35           | 0              | 0        | 0            |
| Adani              | 33.66        | 609.49         | 1620           | 1230     | 1823         |
| Other CPPs         | 23.39        | 376.86         |                |          | 582          |
| <b>Total</b>       | <b>70.85</b> | <b>1219.68</b> |                |          | <b>2955</b>  |
| <b>SOLAR</b>       |              |                |                |          |              |
| Total              | 0.96         | 16.63          |                |          |              |
| <b>Total</b>       | <b>0.96</b>  | <b>16.63</b>   |                |          |              |
| <b>Tata</b>        |              |                |                |          |              |
| Trombay 4          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 5          | 11.90        | 184.54         | 500            | 478      | 500          |
| Trombay 6          | 3.72         | 34.73          | 156            | 154      | 500          |
| Trombay 7A         | 2.74         | 41.74          | 115            | 110      | 120          |
| Trombay 7B         | 1.59         | 24.84          | 67             | 65       | 60           |
| Trombay 8          | 0.00         | 0.00           | 0              | 0        | 0            |
| TATA Hydro         | 4.78         | 59.57          | 458            | 0        | 447          |
| <b>Total</b>       | <b>24.73</b> | <b>345.42</b>  |                |          | <b>1627</b>  |
| <b>REL</b>         |              |                |                |          |              |
| 1&2                | 12.51        | 198.26         | 524            | 518      | 500          |
| <b>Total</b>       | <b>12.51</b> | <b>198.26</b>  |                |          | <b>500</b>   |
| <b>Cent Sect</b>   |              |                |                |          |              |
| Share              |              |                |                |          | 5961         |
| <b>Total</b>       |              |                |                |          | <b>5961</b>  |
| MS PG CL           | Thermal      | 125.22         | 2019.48        |          | 5540         |
|                    | Thml+Gas     | 136.29         | 2164.66        |          | 6080         |
|                    | Hydro        | 29.60          | 346.58         |          | 1385         |
|                    | <b>Total</b> | <b>165.89</b>  | <b>2511.24</b> |          | <b>7465</b>  |
| <b>State Total</b> |              | <b>282.62</b>  | <b>3848.60</b> |          | <b>18508</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 16/Apr/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                  | 5066        | 1048  | 562   | 6676   | 295  | 3034         | 0     | 4954        | 5347        | -903         | -727                 | 14625                 | 105                  | 14730                     | 2080                         | 16810           | 49.97         |
| 2                  | 5115        | 1051  | 538   | 6704   | 253  | 3037         | 0     | 4832        | 4810        | -788         | -571                 | 14233                 | 106                  | 14339                     | 1915                         | 16254           | 49.86         |
| 3                  | 5208        | 757   | 465   | 6430   | 292  | 3043         | 0     | 4789        | 4752        | -744         | -485                 | 14032                 | 106                  | 14138                     | 1823                         | 15961           | 49.88         |
| 4                  | 5242        | 452   | 476   | 6170   | 333  | 3118         | 0     | 4772        | 4934        | -734         | -409                 | 14146                 | 106                  | 14252                     | 1765                         | 16017           | 49.93         |
| 5                  | 5222        | 388   | 477   | 6087   | 364  | 3014         | 0     | 4772        | 4942        | -727         | -387                 | 14020                 | 105                  | 14125                     | 1744                         | 15869           | 49.93         |
| 6                  | 5216        | 573   | 467   | 6256   | 352  | 3017         | 0     | 4838        | 5098        | -693         | -449                 | 14274                 | 258                  | 14532                     | 1796                         | 16328           | 49.93         |
| 7                  | 5139        | 822   | 469   | 6430   | 332  | 3027         | 2     | 4896        | 5024        | -718         | -522                 | 14347                 | 615                  | 14962                     | 1873                         | 16835           | 49.97         |
| 8                  | 5190        | 1215  | 464   | 6869   | 308  | 3024         | 23    | 4902        | 4935        | -730         | -653                 | 14560                 | 653                  | 15213                     | 2016                         | 17229           | 50.05         |
| 9                  | 5209        | 1136  | 452   | 6797   | 372  | 2966         | 58    | 5156        | 5430        | -868         | -771                 | 14892                 | 568                  | 15460                     | 2294                         | 17754           | 49.88         |
| 10                 | 5214        | 1878  | 447   | 7539   | 222  | 2936         | 90    | 5760        | 5705        | -1094        | -1013                | 15526                 | 297                  | 15823                     | 2637                         | 18460           | 49.82         |
| 11                 | 5261        | 2100  | 445   | 7806   | 147  | 2961         | 134   | 6021        | 6245        | -1244        | -1173                | 16130                 | 257                  | 16387                     | 2899                         | 19286           | 49.82         |
| 12                 | 5288        | 2329  | 440   | 8057   | 93   | 2858         | 133   | 6087        | 6326        | -1308        | -1178                | 16299                 | 324                  | 16623                     | 2987                         | 19610           | 49.88         |
| 13                 | 5375        | 2258  | 441   | 8074   | 64   | 2849         | 131   | 6012        | 6276        | -1303        | -1205                | 16196                 | 443                  | 16639                     | 2983                         | 19622           | 50.05         |
| 14                 | 5396        | 2193  | 439   | 8028   | 85   | 2849         | 140   | 5676        | 5925        | -1229        | -1182                | 15853                 | 365                  | 16218                     | 2908                         | 19126           | 49.95         |
| 15                 | 5433        | 1934  | 439   | 7806   | 267  | 2947         | 74    | 5895        | 6019        | -1239        | -1165                | 15955                 | 262                  | 16217                     | 2924                         | 19141           | 49.80         |
| 16                 | 5261        | 1849  | 443   | 7553   | 447  | 3073         | 95    | 5960        | 6078        | -1244        | -1212                | 16042                 | 228                  | 16270                     | 2915                         | 19185           | 49.84         |
| 17                 | 5179        | 1608  | 444   | 7231   | 287  | 3005         | 47    | 5641        | 5871        | -1228        | -1152                | 15296                 | 247                  | 15543                     | 2909                         | 18452           | 49.97         |
| 18                 | 5155        | 874   | 450   | 6479   | 449  | 2969         | 28    | 5064        | 5065        | -1185        | -1215                | 13782                 | 358                  | 14140                     | 2869                         | 17009           | 50.03         |
| 19                 | 5221        | 264   | 448   | 5933   | 450  | 2963         | 5     | 4982        | 5256        | -1169        | -1150                | 13484                 | 97                   | 13581                     | 2749                         | 16330           | 49.87         |
| 20                 | 5250        | 912   | 452   | 6614   | 446  | 2798         | 0     | 5329        | 5481        | -1127        | -1027                | 14345                 | 94                   | 14439                     | 2816                         | 17255           | 49.85         |
| 21                 | 5261        | 975   | 454   | 6690   | 335  | 2805         | 0     | 5392        | 5702        | -1116        | -1048                | 14497                 | 88                   | 14585                     | 2652                         | 17237           | 49.92         |
| 22                 | 5230        | 806   | 452   | 6488   | 452  | 2913         | 0     | 5277        | 5345        | -1092        | -1032                | 14166                 | 83                   | 14249                     | 2540                         | 16789           | 49.88         |
| 23                 | 5150        | 684   | 452   | 6286   | 397  | 2847         | 0     | 5260        | 5463        | -1067        | -948                 | 14045                 | 81                   | 14126                     | 2393                         | 16519           | 49.78         |
| 24                 | 4939        | 1490  | 454   | 6883   | 305  | 2800         | 0     | 5168        | 5393        | -987         | -919                 | 14462                 | 73                   | 14535                     | 2344                         | 16879           | 49.88         |
| MUs                | 125.2<br>2  | 29.60 | 11.07 | 165.89 | 7.35 | 70.85        | 0.96  | 127.44      | 131.42      | -24.53       | -21.59               | 355.21                | 5.92                 | 361.13                    | 58.83                        | 419.96          | 49.91         |

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 16/Apr/2014**

Position as on 6.30 Hrs of 17/Apr/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                       |               |
| Khaparkheda Unit 3      | 210      | 01/04/2014   | 05.14        |            | Continued. | A.O.H.                               |               |
| Koradi Unit 5           | 200      | 10/04/2014   | 19.21        |            | Continued. | Coal conservation                    |               |
| <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 JSW (J) U2          | 300      | 28/02/2014   | 17.52        |            | Continued. | No Schedule.                         |               |
| CPP WPCL U-3            | 135      | 01/04/2014   | 00.07        |            | Continued. | No Schedule                          |               |
| Uran Unit 8             | 108      | 01/04/2014   | 12.42        |            | Continued. | Gas Shortage                         |               |
| CPP WPCL U-4            | 135      | 03/04/2014   | 00.01        |            | Continued. | No Schedule                          |               |
| CPP Adani U-4           | 660      | 14/04/2014   | 04:35        |            | Continued. | With Drawan.                         |               |
| Bhusawal Unit 4         | 500      | 14/04/2014   | 23.07        |            | Continued. | BLR T/L.                             |               |
| Paras Unit 4            | 250      | 15/04/2014   | 22.54        | 16/04/2014 | 01.21      | Flame Failure.                       |               |
| CPP Dhariwal            | 300      | 16/04/2014   | 15.28        | 16/04/2014 | 17.55      | Genretor Prot. Operation.            |               |
| Bhusawal Unit 5         | 500      | 16/04/2014   | 22.44        | 17/04/2014 | 01.53      | While shifting salven load UAT.      |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 16/Apr/2014**

Position as on 6.30 Hrs of 17/Apr/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</b> PLANNED OUTAGE |                    |                                                                            |
| Dhule-Sar'Sarovar - I                  | 15/04/2014   | 17.48        | 16/04/2014                        | 09.04              | Reactor Prot checking work. ready for charging.                            |
| <b>Voltage Level : 500KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                            |
| 765KV Akola II - Tiroda - I            | 23/03/2014   | 17.18        |                                   | Continued.         | Hand Tripped.                                                              |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                            |
| Kolhapur - Mapusa - II                 | 15/04/2014   | 16.53        | 16/04/2014                        | 08.10              | Over Voltage.                                                              |
| Kolhapur - Mapusa - I                  | 16/04/2014   | 17.24        |                                   | Continued.         | Over Volatge.                                                              |
| <b>Voltage Level : 132KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                            |
| Kanhan - Pench - I                     | 16/04/2014   | 14.03        | 16/04/2014                        | 20.00              | Over Head Crossing Work.                                                   |
| Pench-Mangar                           | 16/04/2014   | 20.36        | 16/04/2014                        | 14.00              | I/S.                                                                       |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                            |
| Koradi-Satpur                          | 16/04/2014   | 08.46        |                                   | Continued.         | Bus Fault at sarni bus 1.                                                  |
| Dhule-Sar'Sarovar - I                  | 16/04/2014   | 15.20        | 16/04/2014                        | 16.46              | D/P Y ph zone.                                                             |
| <b>IntraState</b>                      |              |              |                                   |                    |                                                                            |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                            |
| Dabhol-Nagothane - II                  | 14/04/2014   | 14.30        |                                   | Continued.         | Hot Spot on B-Ph CT.                                                       |
| Padgha - Babaleshwar - II              | 15/04/2014   | 11.51        |                                   | Continued.         | Taken on TBC,BKR O/H work at BBLSR.                                        |
| 400/220KV 500MVA ICT-II at Lonikand-II | 15/04/2014   | 12.09        | 16/04/2014                        | 13.30              | LV side CT leakage.                                                        |
| Newkoyna - Jaigad - I                  | 16/04/2014   | 09.06        | 16/04/2014                        | 19.05              | Insu.washing.                                                              |
| Warora - Wardha (PG) - II              | 16/04/2014   | 17.11        | 16/04/2014                        | 18.54              | Gas Filling.                                                               |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                            |
| TBC at Kalmeshwar                      | 16/04/2014   | 07.40        | 16/04/2014                        | 16.30              | Replacement of damaged conductor B ph.                                     |
| Butobori-INOX Ckt.                     | 16/04/2014   | 09.12        | 16/04/2014                        | 14.33              | Measurment of capacitance & Tan Delta of CTS and also Bay maintaince work. |
| 125 MVA TR - 2 at Goregoan             | 16/04/2014   | 10.47        | 16/04/2014                        | 19.48              | Maintains work.                                                            |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> FORCED OUTAGE  |                    |                                                                            |
| Babaleshwar - Ranjangaon               | 16/04/2014   | 00.12        | 17/04/2014                        | 04.20              | Repaires to Sleeve work.                                                   |
| <b>Voltage Level : 500KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                            |
| 765/400KV 1500MVA ICT at Tiroda        | 15/04/2014   | 00.25        |                                   | Continued.         | H/T.                                                                       |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                            |
| Karad - Kolhapur - I                   | 15/04/2014   | 16.42        | 16/04/2014                        | 06.33              | Over Voltage.                                                              |
| Karad-Jaigad I                         | 15/04/2014   | 17.05        | 16/04/2014                        | 06.34              | Over Voltage.                                                              |
| Bhusawal- Aurangabad                   | 15/04/2014   | 18.08        | 16/04/2014                        | 07.19              | Over Voltage.                                                              |
| Karad - Kolhapur - II                  | 16/04/2014   | 16.42        | 17/04/2014                        | 06.27              | Over Voltage.                                                              |
| Bhusawal- Aurangabad                   | 16/04/2014   | 17.48        |                                   | Continued.         | Over Volatge.                                                              |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                            |
| Chikhali - Jalna - I                   | 31/03/2014   | 17.50        |                                   | Continued.         | Jalna S/S load on 400KV A'bad S/S.                                         |
| Chikhali - Jalna - II                  | 31/03/2014   | 17.50        |                                   | Continued.         | Jalna S/S load on 400KV A'bad S/S.                                         |
| <b>Voltage Level : 132KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                            |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 16/Apr/2014**

Position as on 6.30 Hrs of 17/Apr/2014

| Name of Line                          | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage         |
|---------------------------------------|--------------|--------------|----------------------------|--------------------|--------------------------|
| Kanhan - Mansar.                      | 16/04/2014   | 14.01        | 16/04/2014                 | 20.36              | Over Head Crossing Work. |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type TRIPPED</b> |                    |                          |
| Jejuri-Koyna STG-IV                   | 16/04/2014   | 09.55        | 16/04/2014                 | 10.18              | Distance protection.     |
| Lonikand- Koyna Stage IV              | 16/04/2014   | 09.55        | 16/04/2014                 | 10.20              | Distance protection.     |
| Karad-Jaigad I                        | 16/04/2014   | 16.15        | 17/04/2014                 | 06.29              | Distance protection.     |
| 400/220 KV 315MVA ICT-II @ Karad      | 16/04/2014   | 16.41        | 16/04/2014                 | 17.49              | NDR.                     |
| 400/220KV,315MVA ICT-I at Karad       | 16/04/2014   | 16.41        | 16/04/2014                 | 17.51              | NDR.                     |
| 400/220KV,500 MVA ICT-III at Kolhapur | 16/04/2014   | 17.04        | 16/04/2014                 | 17.11              | NDR.                     |
| Parli - Solapur                       | 16/04/2014   | 17.28        | 16/04/2014                 | 19.51              | Distance protection.     |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type TRIPPED</b> |                    |                          |
| Karad - Nigade                        | 16/04/2014   | 16.17        | 16/04/2014                 | 18.00              | Distance protection.     |
| Karad-Vita-II                         | 16/04/2014   | 16.47        |                            | Continued.         | Insu. String Broken.     |
| Talangade-Mumewadi-II                 | 16/04/2014   | 17.20        | 16/04/2014                 | 19.37              | Distance protection.     |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 17/Apr/2014

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 140         |
| Unit 7             | 210                   | 145         |
|                    | <b>620</b>            | <b>285</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 125         |
| Unit 3             | 210                   | 125         |
| Unit 4             | 500                   | 0           |
| Unit 5             | 500                   | 250         |
|                    | <b>1420</b>           | <b>500</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 160         |
| Unit 5             | 210                   | 150         |
| Unit 6             | 250                   | 185         |
| Unit 7             | 250                   | 185         |
|                    | <b>1130</b>           | <b>680</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1970</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 200         |
| Unit 4             | 250                   | 200         |
|                    | <b>500</b>            | <b>400</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 500         |
|                    | <b>1340</b>           | <b>1070</b> |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 210                   | 190         |
|                    | <b>630</b>            | <b>570</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 480         |
|                    | <b>852</b>            | <b>480</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 15          |
| VTRNA              | 60                    | 61          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 64          |
| BHTGR/VEER       | 21                    | 3           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 15          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 0           |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>198</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                  | 550         |
| WARDHA           | 405                   |             |
| Adani            | 2640                  | 1356        |
| Other CPPs       | 300                   | 855         |
|                  | <b>4545</b>           | <b>2761</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                  | 6274        |
|                  | <b>3455</b>           | <b>6274</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>21940</b> | 7 of 7 | <b>18485</b> |
|--|--------------|--------|--------------|