



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**05/Feb/2015**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 05/Feb/2015 THURSDAY**

| <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                   | 133.032        | 618.005         | 1) Gujrat                      | 0.525          | 11.818          |
| 2) Hydro                     | 7.187          | 38.740          | 2) Madhya Pradesh              | 13.394         | 69.853          |
| 3) Gas                       | 11.285         | 45.480          | 3) Chattisgarh                 | 6.360          | 28.800          |
| <b>Total MSGENCO</b>         | <b>151.504</b> | <b>702.225</b>  | 4) Maharashtra Net             | 98.106         | 480.328         |
| <b>B) 1) JSW JAIGAD</b>      | 12.186         | 83.697          | (Incl. 765kV Solapur-Raichur)  | -9.808         | -43.623         |
| 2) WPCL                      | 2.742          | 13.746          | 5) Goa                         | -6.682         | -30.741         |
| 3) ADANI                     | 41.650         | 210.580         | 6) TAPS 1&2 Injection          | 3.721          | 18.397          |
| 4) Other CPP / IPP           | 25.387         | 129.805         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 5) Wind Generation           | 7.530          | 32.892          | 8) Pench (Excess)              | -0.462         | -2.341          |
| 6) PENCH (MS)                | 0.462          | 2.341           |                                |                |                 |
| 7) SOLAR                     | 1.133          | 5.370           | <b># Total Cent. Sector</b>    | <b>114.962</b> | <b>576.114</b>  |
| <b>C) 1) TPCL Thermal</b>    | 9.310          | 46.019          | <b>F) Other Exchanges</b>      |                |                 |
| 2) TPCL Hydro                | 5.803          | 24.663          | 1) With TPCL (Excess)          | -29.367        | -137.671        |
| <b>TOTAL TPCL</b>            | <b>15.113</b>  | <b>70.682</b>   | <b>G) Bilateral Power *</b>    |                |                 |
| 3) REL Thermal               | 5.605          | 28.281          | 1) MSEDCL Bilateral            | 25.619         | 126.410         |
| <b>D) STATE</b>              |                |                 | Include PX                     | 0.700          | 3.984           |
| <b>1) Thermal (A1+C1+C3)</b> | 147.947        | 692.305         | 2) MUMBAI Bilateral            | 25.053         | 113.097         |
| 2) Hydro (A2+B6+C2)          | 13.452         | 65.744          | Include PX                     | 5.637          | 25.189          |
| 3) Gas (A3)                  | 11.285         | 45.480          | 3) MUMBAI Schedule             | 25.053         | 113.097         |
| 4) Wind (B5)                 | 7.530          | 32.892          | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 5) CPP/IPP (B1+B2+B3+B4)     | 81.965         | 437.828         | 1) MSEDCL                      | 328.189        | 1619.099        |
| 6) SOLAR (B7)                | 1.133          | 5.370           | 2) TPCL                        | 30.975         | 147.627         |
| <b>TOTAL STATE</b>           | <b>263.312</b> | <b>1279.619</b> | 3) REL                         | 19.111         | 89.007          |
|                              |                |                 | <b>TOTAL STATE</b>             | <b>378.275</b> | <b>1855.733</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 14 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 5843                             | 6115                             | 4928                             |
| MSGENCO Hydro                   | 565                              | 266                              | 144                              |
| MSGENCO Gas                     | 464                              | 432                              | 484                              |
| <b>MSGENCO Total Generation</b> | <b>6872</b>                      | <b>6813</b>                      | <b>5556</b>                      |
| <b>Central Sector Receipt</b>   | 5962                             | 5475                             | 3431                             |
| <b>WIND</b>                     | 457                              | 272                              | 441                              |
| <b>CPP / IPP</b>                | 3583                             | 3457                             | 3237                             |
| <b>SOLAR</b>                    | 159                              | 176                              | 0                                |
| <b>Exchange with Mumbai</b>     | -1527                            | -1469                            | -838                             |
| <b>MSEDCL DEMAND MET</b>        | 15519                            | 14744                            | 11854                            |
| <b>Load Shedding</b>            | 907                              | 913                              | 55                               |
| <b>MSEDCL DEMAND</b>            | <b>16426</b>                     | <b>15657</b>                     | <b>11909</b>                     |
| <b>TPCL GENERATION</b>          | 855                              | 722                              | 352                              |
| <b>R-INFRA GENERATION</b>       | 255                              | 260                              | 195                              |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2637</b>                      | <b>2451</b>                      | <b>1385</b>                      |
| <b>STATE DEMAND MET</b>         | <b>18156</b>                     | <b>17195</b>                     | <b>13239</b>                     |
| <b>STATE DEMAND</b>             | <b>19063</b>                     | <b>18108</b>                     | <b>13294</b>                     |
| <b>Frequency (Hz)</b>           | 50.00                            | 50.01                            | 49.99                            |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.34 Hz at 18:01 Hrs</b> | <b>49.79 Hz at 15:36 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 05/Feb/2015

| 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           | 3.91        | 19.53         | 175      | 125      | 163      |
| Unit 7           | 3.95        | 18.63         | 175      | 145      | 162      |
| Total            | 7.86        | 38.16         |          |          | 325      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 10.90       | 53.46         | 510      | 355      | 470      |
| Unit 5           | 10.54       | 21.63         | 500      | 340      | 442      |
| Total            | 21.44       | 75.08         |          |          | 912      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.72        | 18.34         | 163      | 143      | 155      |
| Unit 5           | 3.57        | 17.90         | 160      | 143      | 140      |
| Unit 6           | 4.73        | 23.81         | 240      | 186      | 185      |
| Unit 7           | 4.59        | 23.59         | 245      | 161      | 185      |
| Total            | 16.61       | 83.64         |          |          | 665      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 3.12        | 14.89         | 134      | 125      | 130      |
| Unit 3           | 3.63        | 21.12         | 210      | 0        | 210      |
| Unit 4           | 1.90        | 8.96          | 178      | 0        | 0        |
| Unit 5           | 10.15       | 49.46         | 470      | 368      | 450      |
| Unit 6           | 9.26        | 46.53         | 410      | 347      | 430      |
| Unit 7           | 10.06       | 49.10         | 473      | 355      | 450      |
| Total            | 38.11       | 190.06        |          |          | 1670     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.20        | 23.40         | 244      | 190      | 220      |
| Unit 4           | 5.15        | 23.84         | 230      | 190      | 220      |
| Total            | 10.35       | 47.25         |          |          | 440      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.74        | 20.30         | 175      | 130      | 205      |
| Unit 2           | 3.42        | 18.98         | 160      | 115      | 180      |
| Unit 3           | 4.37        | 23.21         | 206      | 165      | 210      |
| Unit 4           | 4.26        | 22.29         | 205      | 159      | 210      |
| Unit 5           | 11.33       | 56.40         | 505      | 416      | 500      |
| Total            | 27.13       | 141.18        |          |          | 1305     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 3.23        | 7.60          | 190      | 0        | 200      |
| Unit 4           | 3.90        | 13.49         | 190      | 48       | 200      |
| Unit 5           | 4.39        | 21.54         | 194      | 169      | 200      |
| Total            | 11.52       | 42.63         |          |          | 600      |
| Uran             |             |               |          |          |          |
| All Units        | 11.28       | 45.48         | 492      | 432      | 485      |
| Total            | 11.28       | 45.48         |          |          | 485      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.46        | 2.34          | 27       | 12       |          |
| Total            | 0.46        | 2.34          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.13        | 12.86         | 385      | 35       | 600      |
| Stage 4          | 0.30        | 4.66          | 166      | 0        | 250      |
| Stage 3          | 0.60        | 3.99          | 160      | 0        | 320      |
| Kovna 12&4 Total | 2.43        | 17.52         |          |          | 850      |

| Generating unit    | Generation   |               |                |          | OLC (MW)     |
|--------------------|--------------|---------------|----------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus) | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>3.04</b>  | <b>21.52</b>  |                |          | <b>1170</b>  |
| <b>Hydro</b>       |              |               |                |          |              |
| KDPH               | 0.87         | 2.12          | 37             | 36       | 36           |
| VTRNA              | 0.00         | 0.00          | 0              | 0        |              |
| TILLARI            | 0.00         | 0.98          | 0              | 0        |              |
| BHTGR/VEER         | 0.08         | 0.40          | 4              | 3        | 4            |
| BHIRA T.R.         | 0.26         | 1.16          | 80             | 0        | 80           |
| RNGR+BHTSA         | 0.35         | 1.74          | 15             | 14       | 15           |
| BHANDARDRA         | 0.00         | 0.00          | 0              | 0        |              |
| ELDARY             | 0.29         | 1.49          | 13             | 12       | 13           |
| SMLHY PTN          | 0.93         | 4.25          | 46             | 36       | 10           |
| GHATGHAR           | 1.37         | 5.10          | 250            | 0        |              |
| <b>Total</b>       | <b>4.15</b>  | <b>17.22</b>  |                |          | <b>158</b>   |
| <b>Wind</b>        |              |               |                |          |              |
| MalharPeth         | 0.13         | 0.75          |                |          |              |
| Vankuswadi         | 0.35         | 1.46          |                |          |              |
| ATIT               | 0.03         | 0.13          |                |          |              |
| Kale               | 0.13         | 0.60          |                |          |              |
| Satara             | 3.57         | 15.47         |                |          |              |
| Shirala            | 0.24         | 1.09          |                |          |              |
| K Mahankal         | 0.03         | 0.12          |                |          |              |
| Supa               | 0.03         | 0.21          |                |          |              |
| Vita               | 1.12         | 5.20          |                |          |              |
| Dondaicha          | 1.19         | 3.94          |                |          |              |
| Sakri              | 0.12         | 0.44          |                |          |              |
| Nandurbar          | 0.34         | 1.86          |                |          |              |
| Khandke            | 0.13         | 1.19          |                |          |              |
| Khaparale          | 0.11         | 0.44          |                |          |              |
| <b>Total</b>       | <b>7.53</b>  | <b>32.89</b>  |                |          |              |
| <b>CPP</b>         |              |               |                |          |              |
| JSW JAIGAD         | 12.19        | 83.70         | 554            | 450      | 491          |
| WARDHA             | 2.74         | 13.75         | 122            | 100      | 120          |
| Adani              | 41.65        | 210.58        | 1780           | 1690     | 1804         |
| Other CPPs         | 25.39        | 129.80        |                |          |              |
| <b>Total</b>       | <b>81.96</b> | <b>437.83</b> |                |          | <b>2415</b>  |
| <b>SOLAR</b>       |              |               |                |          |              |
| Total              | 1.13         | 5.37          |                |          |              |
| <b>Total</b>       | <b>1.13</b>  | <b>5.37</b>   |                |          |              |
| <b>Tata</b>        |              |               |                |          |              |
| Trombay 4          | 0.00         | 0.00          | 0              | 0        | 0            |
| Trombay 5          | 0.00         | 0.00          | 0              | 0        | 0            |
| Trombay 6          | 3.60         | 17.98         | 152            | 149      | 500          |
| Trombay 7A         | 0.00         | 0.00          | 0              | 0        | 0            |
| Trombay 7B         | 0.00         | 0.00          | 0              | 0        | 0            |
| Trombay 8          | 5.70         | 28.04         | 254            | 201      | 250          |
| TATA Hydro         | 5.80         | 24.66         | 466            | 0        | 447          |
| <b>Total</b>       | <b>15.11</b> | <b>70.68</b>  |                |          | <b>1197</b>  |
| <b>REL</b>         |              |               |                |          |              |
| 1&2                | 5.60         | 28.28         | 260            | 194      | 250          |
| <b>Total</b>       | <b>5.60</b>  | <b>28.28</b>  |                |          | <b>250</b>   |
| <b>Cent Sect</b>   |              |               |                |          |              |
| Share              |              |               |                |          |              |
| <b>Total</b>       |              |               |                |          |              |
| MS PG CL           | Thermal      | 133.03        | 618.00         |          | 5917         |
|                    | Thml+Gas     | 144.32        | 663.48         |          | 6402         |
|                    | Hydro        | 7.19          | 38.74          |          | 1328         |
|                    | <b>Total</b> | <b>151.50</b> | <b>702.22</b>  |          | <b>7730</b>  |
| <b>State Total</b> |              | <b>263.31</b> | <b>1279.62</b> |          | <b>12337</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 05/Feb/2015

| 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                  | 4680        | 149  | 476   | 5305   | 430  | 3195         | 0     | 4240        | 4240        | -705         | -1016                | 12169                 | 112                  | 12281                     | 1561                         | 13842           | 50.02         |
| 2                  | 4789        | 144  | 478   | 5411   | 397  | 3244         | 0     | 4117        | 3849        | -678         | -914                 | 12002                 | 55                   | 12057                     | 1460                         | 13517           | 49.98         |
| 3                  | 4891        | 145  | 485   | 5521   | 431  | 3225         | 0     | 3702        | 3695        | -653         | -869                 | 12016                 | 55                   | 12071                     | 1414                         | 13485           | 49.98         |
| 4                  | 4928        | 144  | 484   | 5556   | 441  | 3237         | 0     | 3610        | 3431        | -641         | -838                 | 11854                 | 55                   | 11909                     | 1385                         | 13294           | 49.99         |
| 5                  | 4958        | 149  | 486   | 5593   | 409  | 3196         | 0     | 3845        | 3696        | -645         | -857                 | 12052                 | 57                   | 12109                     | 1404                         | 13513           | 50.00         |
| 6                  | 4979        | 144  | 488   | 5611   | 385  | 3267         | 0     | 4454        | 4390        | -675         | -932                 | 12738                 | 81                   | 12819                     | 1478                         | 14297           | 50.00         |
| 7                  | 5493        | 174  | 492   | 6159   | 441  | 3416         | 2     | 4895        | 5119        | -753         | -944                 | 14220                 | 142                  | 14362                     | 1628                         | 15990           | 49.97         |
| 8                  | 5682        | 458  | 490   | 6630   | 391  | 3582         | 6     | 5233        | 5626        | -902         | -928                 | 15327                 | 152                  | 15479                     | 1861                         | 17340           | 49.94         |
| 9                  | 5694        | 692  | 490   | 6876   | 328  | 3532         | 44    | 5745        | 5755        | -1052        | -1042                | 15505                 | 171                  | 15676                     | 2073                         | 17749           | 49.95         |
| 10                 | 5664        | 813  | 490   | 6967   | 262  | 3540         | 101   | 5929        | 6224        | -1254        | -1251                | 15859                 | 573                  | 16432                     | 2366                         | 18798           | 49.94         |
| 11                 | 5734        | 838  | 488   | 7060   | 304  | 3561         | 132   | 6071        | 6002        | -1433        | -1460                | 15612                 | 717                  | 16329                     | 2557                         | 18886           | 50.00         |
| 12                 | 5843        | 565  | 464   | 6872   | 457  | 3583         | 159   | 6104        | 5962        | -1474        | -1527                | 15519                 | 907                  | 16426                     | 2637                         | 19063           | 50.00         |
| 13                 | 6113        | 324  | 434   | 6871   | 401  | 3528         | 167   | 5595        | 5490        | -1430        | -1475                | 15003                 | 1064                 | 16067                     | 2579                         | 18646           | 49.99         |
| 14                 | 6115        | 266  | 432   | 6813   | 272  | 3457         | 176   | 5371        | 5475        | -1308        | -1469                | 14744                 | 913                  | 15657                     | 2451                         | 18108           | 50.01         |
| 15                 | 6171        | 271  | 437   | 6879   | 185  | 3544         | 159   | 5422        | 5450        | -1325        | -1355                | 14887                 | 677                  | 15564                     | 2479                         | 18043           | 49.95         |
| 16                 | 6038        | 382  | 445   | 6865   | 153  | 3494         | 98    | 5470        | 5552        | -1331        | -1369                | 14816                 | 561                  | 15377                     | 2476                         | 17853           | 49.92         |
| 17                 | 6041        | 382  | 450   | 6873   | 122  | 3531         | 66    | 5432        | 5228        | -1326        | -1389                | 14451                 | 548                  | 14999                     | 2497                         | 17496           | 49.99         |
| 18                 | 6022        | 145  | 458   | 6625   | 139  | 3549         | 23    | 4311        | 4010        | -1160        | -1365                | 12994                 | 338                  | 13332                     | 2478                         | 15810           | 50.06         |
| 19                 | 5988        | 174  | 458   | 6620   | 232  | 3478         | 0     | 4138        | 4077        | -1230        | -1413                | 13011                 | 134                  | 13145                     | 2464                         | 15609           | 50.03         |
| 20                 | 5770        | 196  | 465   | 6431   | 264  | 3547         | 0     | 4842        | 4542        | -1232        | -1455                | 13349                 | 101                  | 13450                     | 2500                         | 15950           | 49.99         |
| 21                 | 5661        | 188  | 465   | 6314   | 261  | 3390         | 0     | 4738        | 4668        | -1079        | -1449                | 13209                 | 86                   | 13295                     | 2335                         | 15630           | 50.02         |
| 22                 | 5396        | 157  | 470   | 6023   | 271  | 3335         | 0     | 4127        | 4438        | -1021        | -1454                | 12638                 | 78                   | 12716                     | 2203                         | 14919           | 50.07         |
| 23                 | 5223        | 146  | 480   | 5849   | 262  | 3247         | 0     | 3808        | 4102        | -930         | -1380                | 12105                 | 76                   | 12181                     | 1991                         | 14172           | 49.98         |
| 24                 | 5159        | 141  | 480   | 5780   | 292  | 3287         | 0     | 3949        | 3941        | -816         | -1216                | 12109                 | 68                   | 12177                     | 1808                         | 13985           | 50.01         |
| MUs                | 133.03      | 7.19 | 11.28 | 151.50 | 7.53 | 81.96        | 1.13  | 115.15      | 114.96      | -25.05       | -29.37               | 328.19                | 7.72                 | 335.91                    | 50.08                        | 386.00          | 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 05/Feb/2015**

Position as on 6.30 Hrs of 06/Feb/2015

| 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                   |               |
| Cent_Sect Tarapur 1     | 160      | 12/10/2014   | 22.39        |            | Continued. | Refuelling work.(60Days)         |               |
| Hydro GhatgharU2        | 125      | 23/12/2014   | 08.30        |            | Continued. | Annual Overhaul                  |               |
| Tata Trombay 5          | 500      | 03/01/2015   | 20.30        |            | Continued. | Annual Maintenance               |               |
| Bhusawal Unit 3         | 210      | 20/01/2015   | 08.02        |            | Continued. | Annual Overhaul                  | 10/02/2015    |
| <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                     |               |
| 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                |               |
| Bhusawal Unit 2         | 210      | 13/09/2014   | 12.43        |            | Continued. | Economic shutdown                |               |
| CPP WPCL U-1            | 135      | 30/10/2014   | 00.43        |            | Continued. | ESP Bag Filter Damaged           |               |
| Tata Trombay 7B         | 60       | 11/12/2014   | 20.39        |            | Continued. | Rotor Fault.                     | 25/02/2015    |
| Tata Trombay 7A         | 120      | 11/12/2014   | 21.51        |            | Continued. | Rotor Fault.                     | 25/02/2015    |
| REL 2                   | 250      | 04/01/2015   | 01.55        |            | Continued. | Stator E/F.                      |               |
| CPP Adani U-4           | 660      | 04/01/2015   | 03.24        |            | Continued. | MOV Leakage                      |               |
| CPP WPCL U-4            | 135      | 25/01/2015   | 22.27        |            | Continued. | ID Fan problem                   |               |
| Uran Unit 8             | 108      | 26/01/2015   | 12.22        |            | Continued. | Gas Shortage                     |               |
| CPP IPL U-1             | 270      | 27/01/2015   | 21.55        |            | Continued. | Coal Shortage                    |               |
| Uran Unit 5             | 108      | 01/02/2015   | 00.08        |            | Continued. | Gas Shortage                     |               |
| Nasik Unit 3            | 210      | 02/02/2015   | 00.00        | 05/02/2015 | 02.10      | Valve Problem                    |               |
| Chandrapur Unit 4       | 210      | 02/02/2015   | 22.17        | 05/02/2015 | 09.12      | Main Steam Valve Leakage         |               |
| Nasik Unit 4            | 210      | 03/02/2015   | 05.27        | 05/02/2015 | 00.00      | Boiler Tube Leakage              |               |
| CPP JSW (J) U1          | 300      | 03/02/2015   | 14:20        |            | Continued. | P.A Fan Problem.                 |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 05/Feb/2015**

Position as on 6.30 Hrs of 06/Feb/2015

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date | Sync. Time | Reason of Outage                | Expected Date |
|-------------------------|----------|--------------|--------------|-----------|------------|---------------------------------|---------------|
| CPP JSW (J) U3          | 300      | 03/02/2015   | 21.27        |           | Continued. | Due to Unavailability of Load.. |               |
| Chandrapur Unit 3       | 210      | 05/02/2015   | 19.02        |           | Continued. | BLR T/L.                        |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 05/Feb/2015**

Position as on 6.30 Hrs of 06/Feb/2015

| Name of Line                                 | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                           |
|----------------------------------------------|--------------|--------------|-----------------------------------|-------------------|------------------------------------------------------------|
| <b>InterState</b>                            |              |              |                                   |                   |                                                            |
| <b>Voltage Level : 500KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                            |
| 765KV Akola II - Tiroda - I                  | 05/02/2015   | 07.29        | 05/02/2015                        | 17.46             | LILO Work at Koradi II.                                    |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                            |
| Padgha -Tarapur - I                          | 05/02/2015   | 10.31        | 05/02/2015                        | 20.23             | Insulator Repl.work.                                       |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                            |
| Tarapur - Borivali                           | 21/11/2014   | 14.51        |                                   | Continued.        | Mumbai Strengthening work.                                 |
| Talegaon PG-Talegaon AMBI-II                 | 05/02/2015   | 19.03        |                                   | Continued.        | CT Repl.Work.                                              |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                            |
| Kolhapur-Mapusa-II                           | 04/02/2015   | 16.44        | 05/02/2015                        | 08.11             | Over Voltage.                                              |
| Dhule-Sar'Sarovar - I                        | 04/02/2015   | 20.07        | 05/02/2015                        | 09.34             | Over Voltage.                                              |
| Kolhapur-Solapur(PGCIL)-I                    | 04/02/2015   | 21.39        | 05/02/2015                        | 06.51             | Over Voltage.                                              |
| Kolhapur - Mapusa - I                        | 05/02/2015   | 16.30        |                                   | Continued.        | Over Voltage.                                              |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                            |
| Dabhol-Nagothane - II                        | 31/01/2015   | 03.10        |                                   | Continued.        | Over Voltage(RFC 20.45Hrs)                                 |
| Dhule-Sar'Sarovar - II                       | 05/02/2015   | 18.00        | 06/02/2015                        | 06.11             | Over Voltage.                                              |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                            |
| Nasik - Navasari - II                        | 05/02/2015   | 15.08        | 05/02/2015                        | 19.00             | R-Ph insulator string decapped.                            |
| <b>IntraState</b>                            |              |              |                                   |                   |                                                            |
| <b>Voltage Level : 500KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                            |
| Aptcl (Akola 2) 765/400kv ICT 1500 MVA       | 05/02/2015   | 09.50        | 05/02/2015                        | 17.47             | To replace spare ICT unit of ICT with original B-Ph unit.  |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                            |
| 400/220KV 315MVA ICT- I @ Chandrapur         | 03/02/2015   | 08.24        |                                   | Continued.        | Replacement of LV Bushing.                                 |
| Karad - Lonikand                             | 05/02/2015   | 10.01        |                                   | Continued.        | Hot Spot and reay testing work.                            |
| 400/220KV 220KV Main bay CB ICT II at Jejuri | 05/02/2015   | 10.07        | 05/02/2015                        | 12.46             | Annual Maint & Testing work.                               |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                            |
| Ghodbandar - Bhoisor (MSETCL)                | 25/11/2014   | 11.36        |                                   | Continued.        | Erection & Stringing Work.                                 |
| TBC @ 400 KV Parli-II                        | 07/01/2015   | 15.48        |                                   | Continued.        | Shifting of CR Panel from 220KV Girawali C/R to 400KV C/R. |
| 220/100KV 200MVA ICT-II at Kalwa             | 05/02/2015   | 09.24        | 05/02/2015                        | 17.08             | CT Tan delta and Relay testing work.                       |
| Nagothane - ACCIL                            | 05/02/2015   | 10.11        | 05/02/2015                        | 17.39             | To attend hot spot.                                        |
| Mudshingi-Talangade ckt-I                    | 05/02/2015   | 11.51        | 05/02/2015                        | 14.48             | Q.M.Work.                                                  |
| Pusad - Yavatmal                             | 05/02/2015   | 12.18        | 05/02/2015                        | 16.55             | Attending oil leakage of Y-Ph CT.                          |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                            |
| 400/220KV 500MVA ICT-II at Warora            | 16/01/2015   | 10.43        |                                   | Continued.        | CTR problem.                                               |
| Bableshwar-Taptitanda II                     | 28/01/2015   | 19.24        |                                   | Continued.        | Over Voltage.                                              |
| Karad-Jaigad I                               | 04/02/2015   | 16.35        | 05/02/2015                        | 07.29             | Over Voltage.                                              |
| Bhusawal- Aurangabad                         | 04/02/2015   | 17.35        | 05/02/2015                        | 07.32             | Over Voltage.                                              |
| Lonikand- Koyna Stage IV                     | 05/02/2015   | 01.14        | 05/02/2015                        | 06.30             | Over Voltage.                                              |
| Karad - Kolhapur - II                        | 05/02/2015   | 16.35        |                                   | Continued.        | Over Voltage.                                              |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 05/Feb/2015**

Position as on 6.30 Hrs of 06/Feb/2015

| Name of Line                         | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage    |
|--------------------------------------|--------------|--------------|---------------------------------|--------------------|---------------------|
| Karad-Jaigad II                      | 05/02/2015   | 16.39        |                                 | Continued.         | Over Voltage.       |
| Bhusawal- Aurangabad                 | 05/02/2015   | 17.11        |                                 | Continued.         | Over Voltage.       |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                     |
| Nanded - Ghatodi                     | 05/02/2015   | 12.14        | 05/02/2015                      | 17.02              | Pusad-Y'mal outage. |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                    |                     |
| Dabhol - New Koyna - I               | 25/01/2015   | 18.00        |                                 | Continued.         | Over Voltage        |
| 765KV Koradi-III -- Tiroda - II      | 06/02/2015   | 02.51        |                                 | Continued.         | Over Voltage.       |
| Padgha - Babaleshwar - II            | 06/02/2015   | 03.17        |                                 | Continued.         | Dist.Prot.          |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                    |                     |
| 220/110KV 200MVA ICT-III at Borivali | 21/09/2014   | 09.16        |                                 | Continued.         | monkey fault        |
| 220/132KV 100 MVA,ICT-I at Jeur      | 31/12/2014   | 21.28        |                                 | Continued.         | Diff.Prot.Optd.     |



# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 06/Feb/2015

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 160         |
| Unit 7             | 210                   | 170         |
|                    | <b>620</b>            | <b>330</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 500                   | 365         |
| Unit 5             | 500                   | 360         |
|                    | <b>1420</b>           | <b>725</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 157         |
| Unit 5             | 210                   | 157         |
| Unit 6             | 250                   | 187         |
| Unit 7             | 250                   | 187         |
|                    | <b>1130</b>           | <b>688</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 130         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 180         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 410         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1620</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 220         |
| Unit 4             | 250                   | 220         |
|                    | <b>500</b>            | <b>440</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 205         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 500         |
|                    | <b>1340</b>           | <b>1305</b> |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 200         |
|                    | <b>630</b>            | <b>600</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 485         |
|                    | <b>852</b>            | <b>485</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                    | 36          |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 0           |
| BHTGR/VEER       | 21                    | 4           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    |             |
| BHANDARDRA       | 45                    |             |
| ELDARY           | 23                    | 15          |
| SMLHY PTN        | 12                    | 22          |
| GHATGHAR         | 250                   |             |
|                  | <b>611</b>            | <b>157</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                  | 490         |
| WARDHA           | 405                   | 107         |
| Adani            | 2640                  | 1804        |
| Other CPPs       | 300                   | 745         |
|                  | <b>4545</b>           | <b>3146</b> |
| <b>SOLAR</b>     |                       |             |
| Total            | 0                     |             |
|                  | <b>0</b>              |             |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 0           |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 0           |
| Trombay 7B       | 60                    | 0           |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1197</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 250         |
|                  | <b>500</b>            | <b>250</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 6058        |
|                  | <b>3455</b>           | <b>6058</b> |

|  |              |              |
|--|--------------|--------------|
|  | <b>21940</b> | <b>18171</b> |
|--|--------------|--------------|