



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**23/Nov/2014**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 23/Nov/2014 SUNDAY**

| <b>I GENERATION (MUs)</b>    |                |                 | <b>II EXCHANGES (MUs)</b>      |                |                 |
|------------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| <b>A) MSGENCO</b>            | <b>Daily</b>   | <b>Monthly</b>  | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>  |
| 1) Thermal                   | 121.435        | 2590.562        | 1) Gujrat                      | -1.121         | 70.698          |
| 2) Hydro                     | 3.676          | 161.728         | 2) Madhya Pradesh              | 10.273         | 342.800         |
| 3) Gas                       | 10.651         | 219.099         | 3) Chattisgarh                 | 7.150          | 196.360         |
| <b>Total MSGENCO</b>         | <b>135.762</b> | <b>2971.389</b> | 4) Maharashtra Net             | 81.858         | 2120.858        |
| <b>B) 1) JSW JAIGAD</b>      | 26.149         | 576.355         | (Incl. 765kV Solapur-Raichur)  | -11.728        | -242.772        |
| 2) WPCL                      | 2.654          | 59.823          | 5) Goa                         | -5.480         | -154.003        |
| 3) ADANI                     | 59.760         | 1335.870        | 6) TAPS 1&2 Injection          | 3.605          | 81.311          |
| 4) Other CPP / IPP           | 20.850         | 455.717         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 5) Wind Generation           | 2.119          | 138.708         | 8) Pench (Excess)              | -0.464         | -12.675         |
| 6) PENCH (MS)                | 0.464          | 12.675          | <b># Total Cent. Sector</b>    | <b>95.821</b>  | <b>2645.349</b> |
| 7) SOLAR                     | 0.898          | 22.235          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) 1) TPCL Thermal</b>    | 17.936         | 416.791         | 1) With TPCL (Excess)          | -18.153        | -553.807        |
| 2) TPCL Hydro                | 0.900          | 75.936          | <b>G) Bilateral Power *</b>    |                |                 |
| <b>TOTAL TPCL</b>            | <b>18.836</b>  | <b>492.727</b>  | 1) MSEDCL Bilateral            | 22.590         | 669.962         |
| 3) REL Thermal               | 11.651         | 275.305         | Include PX                     | -3.969         | 82.622          |
| <b>D) STATE</b>              |                |                 | 2) MUMBAI Bilateral            | 16.441         | 494.019         |
| <b>1) Thermal (A1+C1+C3)</b> | 151.022        | 3282.658        | Include PX                     | 2.577          | 91.829          |
| 2) Hydro (A2+B6+C2)          | 5.040          | 250.339         | 3) MUMBAI Schedule             | 16.441         | 494.564         |
| 3) Gas (A3)                  | 10.651         | 219.099         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 4) Wind (B5)                 | 2.119          | 138.708         | 1) MSEDCL                      | 326.324        | 7664.314        |
| 5) CPP/IPP (B1+B2+B3+B4)     | 109.413        | 2427.765        | 2) TPCL                        | 28.841         | 797.651         |
| 6) SOLAR (B7)                | 0.898          | 22.235          | 3) REL                         | 19.802         | 524.301         |
| <b>TOTAL STATE</b>           | <b>279.143</b> | <b>6340.804</b> | <b>TOTAL STATE</b>             | <b>374.967</b> | <b>8986.266</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 13 Hrs</b> | <b>B. Evening Peak at 14 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 5653                             | 5740                             | 4838                             |
| MSGENCO Hydro                   | 124                              | 129                              | 69                               |
| MSGENCO Gas                     | 424                              | 424                              | 452                              |
| <b>MSGENCO Total Generation</b> | <b>6201</b>                      | <b>6293</b>                      | <b>5359</b>                      |
| <b>Central Sector Receipt</b>   | <b>4485</b>                      | <b>4484</b>                      | <b>3024</b>                      |
| <b>WIND</b>                     | <b>63</b>                        | <b>32</b>                        | <b>88</b>                        |
| <b>CPP / IPP</b>                | <b>4831</b>                      | <b>4813</b>                      | <b>4330</b>                      |
| <b>SOLAR</b>                    | <b>139</b>                       | <b>129</b>                       | <b>0</b>                         |
| <b>Exchange with Mumbai</b>     | <b>-623</b>                      | <b>-666</b>                      | <b>-611</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>15113</b>                     | <b>15102</b>                     | <b>12190</b>                     |
| <b>Load Shedding</b>            | <b>128</b>                       | <b>74</b>                        | <b>55</b>                        |
| <b>MSEDCL DEMAND</b>            | <b>15241</b>                     | <b>15176</b>                     | <b>12245</b>                     |
| <b>TPCL GENERATION</b>          | <b>995</b>                       | <b>902</b>                       | <b>682</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>522</b>                       | <b>521</b>                       | <b>456</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2140</b>                      | <b>2089</b>                      | <b>1749</b>                      |
| <b>STATE DEMAND MET</b>         | <b>17253</b>                     | <b>17191</b>                     | <b>13939</b>                     |
| <b>STATE DEMAND</b>             | <b>17381</b>                     | <b>17265</b>                     | <b>13994</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.94</b>                     | <b>50.03</b>                     | <b>49.96</b>                     |

**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 21:49 Hrs</b> | <b>49.65 Hz at 18:10 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 23/Nov/2014

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 3.57        | 69.51         | 165      | 138      | 140      |
| Unit 7           | 3.80        | 82.81         | 170      | 148      | 155      |
| Total            | 7.37        | 152.32        |          |          | 295      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 3.38        | 42.96         | 155      | 130      | 135      |
| Unit 4           | 8.82        | 186.20        | 480      | 315      | 320      |
| Unit 5           | 8.81        | 152.42        | 485      | 310      | 330      |
| Total            | 21.02       | 381.58        |          |          | 785      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 3.42        | 82.75         | 155      | 135      | 143      |
| Unit 6           | 4.57        | 105.39        | 246      | 180      | 179      |
| Unit 7           | 4.57        | 105.60        | 250      | 175      | 175      |
| Total            | 12.55       | 293.73        |          |          | 497      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 3.50        | 78.22         | 153      | 139      | 150      |
| Unit 3           | 0.00        | 42.49         | 0        | 0        | 0        |
| Unit 4           | 4.31        | 92.46         | 202      | 161      | 170      |
| Unit 5           | 9.33        | 193.18        | 455      | 353      | 365      |
| Unit 6           | 9.03        | 185.71        | 410      | 355      | 365      |
| Unit 7           | 8.94        | 165.69        | 423      | 336      | 360      |
| Total            | 35.10       | 757.75        |          |          | 1410     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.58        | 106.50        | 220      | 174      | 180      |
| Unit 4           | 4.55        | 104.51        | 201      | 180      | 180      |
| Total            | 9.13        | 211.01        |          |          | 360      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.41        | 85.92         | 160      | 115      | 180      |
| Unit 2           | 3.44        | 83.70         | 160      | 125      | 180      |
| Unit 3           | 3.96        | 91.40         | 184      | 150      | 180      |
| Unit 4           | 3.86        | 90.90         | 180      | 150      | 180      |
| Unit 5           | 9.35        | 185.65        | 430      | 360      | 420      |
| Total            | 24.02       | 537.57        |          |          | 1140     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.16        | 93.42         | 195      | 165      | 190      |
| Unit 4           | 4.05        | 84.06         | 179      | 162      | 190      |
| Unit 5           | 4.04        | 79.11         | 189      | 159      | 190      |
| Total            | 12.24       | 256.59        |          |          | 570      |
| Uran             |             |               |          |          |          |
| All Units        | 10.65       | 219.10        | 463      | 423      | 460      |
| Total            | 10.65       | 219.10        |          |          | 460      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.46        | 12.68         | 40       | 0        | 0        |
| Total            | 0.46        | 12.68         |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.46        | 48.38         | 200      | 40       | 600      |
| Stage 4          | 0.00        | 16.44         | 0        | 0        | 250      |
| Stage 3          | 0.15        | 14.80         | 78       | 0        | 240      |
| Kovna 12&4 Total | 1.46        | 64.82         |          |          | 850      |

| Generating unit    | Generation    |                |                |          | OLC (MW)     |
|--------------------|---------------|----------------|----------------|----------|--------------|
|                    | Daily (Mus)   | Monthly (Mus)  | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>1.61</b>   | <b>79.61</b>   |                |          | <b>1090</b>  |
| <b>Hydro</b>       |               |                |                |          |              |
| KDPH               | 0.00          | 4.60           | 0              | 0        | 0            |
| VTRNA              | 0.97          | 21.33          | 61             | 0        | 61           |
| TILLARI            | 0.37          | 8.24           | 64             | 0        | 64           |
| BHTGR/VEER         | 0.05          | 1.80           | 3              | 2        | 3            |
| BHIRA T.R.         | 0.10          | 4.42           | 80             | 0        | 40           |
| RNGR+BHTSA         | 0.00          | 3.76           | 0              | 0        | 15           |
| BHANDARDRA         | 0.00          | 0.80           | 0              | 0        | 0            |
| ELDARY             | 0.00          | 6.62           | 0              | 0        | 13           |
| SMLHY PTN          | 0.57          | 14.32          | 32             | 21       | 12           |
| GHATGHAR           | 0.00          | 16.24          | 0              | 0        | 0            |
| <b>Total</b>       | <b>2.06</b>   | <b>82.12</b>   |                |          | <b>208</b>   |
| <b>Wind</b>        |               |                |                |          |              |
| MalharPeth         | 0.02          | 4.50           |                |          |              |
| Vankuswadi         | 0.06          | 9.14           |                |          |              |
| ATIT               | 0.00          | 0.95           |                |          |              |
| Kale               | 0.03          | 3.60           |                |          |              |
| Satara             | 1.06          | 73.06          |                |          |              |
| Shirala            | 0.03          | 5.61           |                |          |              |
| K Mahankal         | 0.01          | 0.34           |                |          |              |
| Supa               | 0.10          | 1.46           |                |          |              |
| Vita               | 0.43          | 16.79          |                |          |              |
| Dondaicha          | 0.10          | 10.55          |                |          |              |
| Sakri              | 0.00          | 1.48           |                |          |              |
| Nandurbar          | 0.14          | 4.58           |                |          |              |
| Khandke            | 0.08          | 3.15           |                |          |              |
| Khaparale          | 0.06          | 3.51           |                |          |              |
| <b>Total</b>       | <b>2.12</b>   | <b>138.71</b>  |                |          |              |
| <b>CPP</b>         |               |                |                |          |              |
| JSW JAIGAD         | 26.15         | 576.36         | 1197           | 986      | 1090         |
| WARDHA             | 2.65          | 59.82          | 114            | 108      | 110          |
| Adani              | 59.76         | 1335.87        | 2610           | 2130     | 2645         |
| Other CPPs         | 20.85         | 452.19         |                |          | 745          |
| <b>Total</b>       | <b>109.41</b> | <b>2424.24</b> |                |          | <b>4590</b>  |
| <b>SOLAR</b>       |               |                |                |          |              |
| Total              | 0.90          | 22.24          |                |          |              |
| <b>Total</b>       | <b>0.90</b>   | <b>22.24</b>   |                |          |              |
| <b>Tata</b>        |               |                |                |          |              |
| Trombay 4          | 0.00          | 0.00           | 0              | 0        | 0            |
| Trombay 5          | 9.30          | 225.98         | 496            | 315      | 500          |
| Trombay 6          | 0.00          | 78.16          | 0              | 0        | 0            |
| Trombay 7A         | 1.96          | 58.11          | 85             | 80       | 120          |
| Trombay 7B         | 1.35          | 34.86          | 57             | 55       | 60           |
| Trombay 8          | 5.32          | 19.68          | 250            | 199      | 250          |
| TATA Hydro         | 0.90          | 75.94          | 128            | 13       | 447          |
| <b>Total</b>       | <b>18.84</b>  | <b>492.73</b>  |                |          | <b>1377</b>  |
| <b>REL</b>         |               |                |                |          |              |
| 1&2                | 11.65         | 275.30         | 523            | 450      | 500          |
| <b>Total</b>       | <b>11.65</b>  | <b>275.30</b>  |                |          | <b>500</b>   |
| <b>Cent Sect</b>   |               |                |                |          |              |
| Share              |               |                |                |          | 4682         |
| <b>Total</b>       |               |                |                |          | <b>4682</b>  |
| MS<br>PG<br>CL     | Thermal       | 121.44         | 2590.56        |          | 5057         |
|                    | Thml+Gas      | 132.09         | 2809.66        |          | 5517         |
|                    | Hydro         | 3.68           | 161.73         |          | 1298         |
|                    | <b>Total</b>  | <b>135.76</b>  | <b>2971.39</b> |          | <b>6815</b>  |
| <b>State Total</b> |               | <b>279.14</b>  | <b>6340.80</b> |          | <b>17964</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 23/Nov/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                  | 4828        | 64   | 449   | 5341   | 74   | 4493         | 0     | 3451        | 3365        | -615         | -976                 | 12310                 | 86                   | 12396                     | 2113                         | 14509           | 49.96         |
| 2                  | 4834        | 64   | 452   | 5350   | 97   | 4427         | 0     | 3331        | 3248        | -566         | -801                 | 12338                 | 55                   | 12393                     | 1939                         | 14332           | 50.03         |
| 3                  | 4839        | 69   | 452   | 5360   | 99   | 4335         | 0     | 3149        | 3181        | -566         | -693                 | 12289                 | 55                   | 12344                     | 1830                         | 14174           | 49.99         |
| 4                  | 4838        | 69   | 452   | 5359   | 88   | 4330         | 0     | 3149        | 3024        | -566         | -611                 | 12190                 | 55                   | 12245                     | 1749                         | 13994           | 49.96         |
| 5                  | 4826        | 74   | 452   | 5352   | 78   | 4471         | 0     | 3192        | 3337        | -608         | -583                 | 12655                 | 56                   | 12711                     | 1719                         | 14430           | 49.92         |
| 6                  | 4881        | 63   | 453   | 5397   | 55   | 4558         | 0     | 3944        | 3672        | -668         | -618                 | 13081                 | 64                   | 13145                     | 1753                         | 14898           | 49.99         |
| 7                  | 4996        | 73   | 463   | 5532   | 51   | 4569         | 0     | 4508        | 4212        | -678         | -624                 | 13773                 | 86                   | 13859                     | 1761                         | 15620           | 49.99         |
| 8                  | 5099        | 78   | 460   | 5637   | 42   | 4587         | 17    | 4556        | 4738        | -613         | -554                 | 14503                 | 86                   | 14589                     | 1771                         | 16360           | 49.90         |
| 9                  | 5092        | 192  | 455   | 5739   | 39   | 4726         | 47    | 4429        | 4268        | -563         | -477                 | 14380                 | 82                   | 14462                     | 1862                         | 16324           | 50.02         |
| 10                 | 5122        | 208  | 433   | 5763   | 60   | 4734         | 94    | 4544        | 4410        | -655         | -583                 | 14505                 | 75                   | 14580                     | 1982                         | 16562           | 49.99         |
| 11                 | 5062        | 283  | 434   | 5779   | 64   | 4843         | 124   | 4631        | 4702        | -783         | -707                 | 14821                 | 63                   | 14884                     | 2107                         | 16991           | 49.95         |
| 12                 | 5185        | 281  | 423   | 5889   | 86   | 4846         | 129   | 4637        | 4761        | -775         | -630                 | 15097                 | 65                   | 15162                     | 2152                         | 17314           | 49.92         |
| 13                 | 5653        | 124  | 424   | 6201   | 63   | 4831         | 139   | 4539        | 4485        | -688         | -623                 | 15113                 | 128                  | 15241                     | 2140                         | 17381           | 49.94         |
| 14                 | 5740        | 129  | 424   | 6293   | 32   | 4813         | 129   | 4384        | 4484        | -685         | -666                 | 15102                 | 74                   | 15176                     | 2089                         | 17265           | 50.03         |
| 15                 | 5654        | 124  | 425   | 6203   | 28   | 4802         | 108   | 4500        | 4407        | -763         | -639                 | 14926                 | 64                   | 14990                     | 2065                         | 17055           | 49.99         |
| 16                 | 5135        | 284  | 430   | 5849   | 33   | 4755         | 73    | 4523        | 4922        | -728         | -626                 | 15021                 | 61                   | 15082                     | 2055                         | 17137           | 49.95         |
| 17                 | 5021        | 327  | 435   | 5783   | 56   | 4670         | 35    | 4343        | 4332        | -570         | -642                 | 14250                 | 64                   | 14314                     | 2033                         | 16347           | 49.99         |
| 18                 | 4925        | 139  | 440   | 5504   | 109  | 4531         | 3     | 4158        | 3968        | -538         | -831                 | 13320                 | 68                   | 13388                     | 2063                         | 15451           | 49.95         |
| 19                 | 4978        | 248  | 454   | 5680   | 178  | 4681         | 0     | 4420        | 4280        | -731         | -999                 | 13860                 | 71                   | 13931                     | 2252                         | 16183           | 49.96         |
| 20                 | 5011        | 198  | 445   | 5654   | 178  | 4652         | 0     | 4581        | 3908        | -873         | -924                 | 13488                 | 73                   | 13561                     | 2309                         | 15870           | 50.04         |
| 21                 | 4980        | 195  | 446   | 5621   | 168  | 4383         | 0     | 4326        | 3735        | -839         | -1104                | 12818                 | 67                   | 12885                     | 2274                         | 15159           | 50.09         |
| 22                 | 4914        | 132  | 450   | 5496   | 145  | 4084         | 0     | 3614        | 3713        | -840         | -1124                | 12329                 | 65                   | 12394                     | 2257                         | 14651           | 50.14         |
| 23                 | 4924        | 129  | 450   | 5503   | 148  | 4062         | 0     | 3421        | 3365        | -788         | -1081                | 12015                 | 65                   | 12080                     | 2209                         | 14289           | 50.01         |
| 24                 | 4898        | 129  | 450   | 5477   | 148  | 4230         | 0     | 3381        | 3304        | -743         | -1037                | 12140                 | 65                   | 12205                     | 2156                         | 14361           | 50.09         |
| MUs                | 121.44      | 3.68 | 10.65 | 135.76 | 2.12 | 109.41       | 0.90  | 97.71       | 95.82       | -16.44       | -18.15               | 326.32                | 1.69                 | 328.02                    | 48.64                        | 376.66          | 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 23/Nov/2014**

Position as on 6.30 Hrs of 24/Nov/2014

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date | Sync. Time | Reason of Outage                 | Expected Date |
|-------------------------|----------|--------------|--------------|-----------|------------|----------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |           |            |                                  |               |
| Parli Unit 3            | 210      | 13/02/2013   | 23.50        |           | Continued. | Water Shortage                   |               |
| Koyna Unit 11           | 80       | 23/09/2014   | 02.30        |           | Continued. | Stator Earth Fault               |               |
| Cent_Sect Tarapur 1     | 160      | 12/10/2014   | 22.39        |           | Continued. | Refuelling work.(60Days)         |               |
| <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                |               |
| Parli Unit 4            | 210      | 13/10/2014   | 10.49        |           | Continued. | Coal Shortage.                   |               |
| CPP WPCL U-1            | 135      | 30/10/2014   | 00.43        |           | Continued. | ESP Bag Filter Damaged           |               |
| CPP IPL U-2             | 270      | 30/10/2014   | 16.16        |           | Continued. | Gen.Diff.Protection operated     |               |
| CPP WPCL U-4            | 135      | 01/11/2014   | 00.19        |           | Continued. | Withdrawn                        |               |
| Chandrapur Unit 3       | 210      | 12/11/2014   | 20.58        |           | Continued. | Coal Shortage.                   |               |
| CPP WPCL U-3            | 135      | 15/11/2014   | 00.01        |           | Continued. | ID fan vibration high problem    |               |
| Uran Unit 7             | 108      | 17/11/2014   | 17.16        |           | Continued. | Gas Shortage.                    |               |
| Tata Trombay 6          | 500      | 21/11/2014   | 21.11        |           | Continued. | Economic Shut Down               |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 23/Nov/2014**

Position as on 6.30 Hrs of 24/Nov/2014

| Name of Line                                        | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                 |
|-----------------------------------------------------|--------------|--------------|-----------------------------------|-------------------|--------------------------------------------------|
| <b>InterState</b>                                   |              |              |                                   |                   |                                                  |
| <b>Voltage Level : 220KV</b>                        |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                  |
| Tarapur - Borivali                                  | 21/11/2014   | 14.51        |                                   | Continued.        | Mumbai Strengthening work (for 5 Days)           |
| Boiser-Boiser(PGCIL)-I                              | 23/11/2014   | 06.08        | 23/11/2014                        | 09.45             | Testing Work & Attending Hot Spot.               |
| <b>Voltage Level : 400KV</b>                        |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                  |
| Kolhapur - Mapusa - I                               | 21/11/2014   | 20.23        | 23/11/2014                        | 09.19             | Over Voltage                                     |
| Dhule-Sar'Sarovar - I                               | 22/11/2014   | 19.58        | 23/11/2014                        | 09.19             | Over Voltage.                                    |
| Kolhapur-Mapusa-II                                  | 23/11/2014   | 16.39        |                                   | Continued.        | Over Voltage.                                    |
| Dhule-Sar'Sarovar - I                               | 23/11/2014   | 20.03        |                                   | Continued.        | Over Voltage.                                    |
| Kolhapur-Solapur(PGCIL)-I                           | 23/11/2014   | 22.10        | 24/11/2014                        | 07.10             | Over Voltage.                                    |
| <b>Voltage Level : 220KV</b>                        |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                  |
| Talegaon Ambi - Talegaon(PG)                        | 24/11/2014   | 01.52        | 24/11/2014                        | 03.11             | Y Ph. CT Burst, Tripped from Ambi end only.      |
| <b>IntraState</b>                                   |              |              |                                   |                   |                                                  |
| <b>Voltage Level : 400KV</b>                        |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                  |
| 400/220KV 500MVA ,GT-5 at Deepnagar                 | 22/09/2014   | 10.50        |                                   | Continued.        | Repl.damaged poles of main CB pole.              |
| New Koyna - Dabhol - I                              | 05/11/2014   | 09.05        |                                   | Continued.        | Insulator washing, (RFC from 20.00Hrs)           |
| 400/220 KV 315 MVA ICT-II @ Nagothane.              | 12/11/2014   | 13.02        |                                   | Continued.        | Shifted to TBC for BKR overloading.(2Days).      |
| 400/11.5/6.6 KV 70 MVA Station T/F 5A @ Khaparkheda | 18/11/2014   | 10.50        |                                   | Continued.        | Oil Pump Repl and oil filtration work.           |
| Chandrapur II - Dhariwal - I                        | 18/11/2014   | 15.49        |                                   | Continued.        | To check C.T. & P.T.                             |
| 400/11.5 KV 80 MVA Stn T/F - I @ Chandrapur         | 19/11/2014   | 08.55        |                                   | Continued.        | Testing work by MSPGCL.                          |
| 400/220 KV 600 MVA ICT - IV @ Padgha                | 22/11/2014   | 22.38        | 24/11/2014                        | 06.58             | Oil Filtretion Work.                             |
| 400/220 KV 500 MVA ICT - I @ Warora                 | 23/11/2014   | 08.10        |                                   | Continued.        | Leakage in Nitrogen Cylinder of B Ph CTR System. |
| Talegaon PG - Aurangabad - II                       | 24/11/2014   | 05.27        |                                   | Continued.        | To Attend Hot Spot.                              |
| <b>Voltage Level : 220KV</b>                        |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                  |
| 220/110KV, 200MVA T/F-III at Mudshingi              | 17/11/2014   | 09.00        |                                   | Continued.        | To repl.BKR pole,Taken on TBC.                   |
| Apta - Taloja                                       | 22/11/2014   | 12.55        |                                   | Continued.        | Taken on TBC.                                    |
| Trombay(T)-Trombay(M)Tie-II                         | 23/11/2014   | 07.55        | 23/11/2014                        | 13.06             | Project Work of New 220KV Trombay-Salset-3 Bay.  |
| Chikhali - Jalna - I                                | 23/11/2014   | 09.10        | 23/11/2014                        | 18.25             | For Balance Rectification Work.                  |
| Talegaon ( Ambi) - General Motor                    | 23/11/2014   | 09.47        | 23/11/2014                        | 14.30             | R.M.Work.                                        |
| <b>Voltage Level : 220KV</b>                        |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                  |
| Trombay(T)-Trombay(M)Tie-I                          | 23/11/2014   | 14.34        | 23/11/2014                        | 18.36             | Hot Spot Attending Work.                         |
| <b>Voltage Level : 400KV</b>                        |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                  |
| Karad - Kolhapur - I                                | 22/11/2014   | 16.58        | 23/11/2014                        | 09.28             | Over Voltage.                                    |
| Bhusawal- Aurangabad                                | 22/11/2014   | 20.08        |                                   | Continued.        | Over Voltage.                                    |
| Karad-Jaigad I                                      | 22/11/2014   | 20.55        | 23/11/2014                        | 10.33             | Over Voltage.                                    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 23/Nov/2014**

Position as on 6.30 Hrs of 24/Nov/2014

| Name of Line                             | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage               |
|------------------------------------------|--------------|--------------|---------------------------------|--------------------|--------------------------------|
| Lonikand- Koyna Stage IV                 | 22/11/2014   | 21.44        | 23/11/2014                      | 06.30              | Over Voltage.                  |
| Karad - Kolhapur - II                    | 23/11/2014   | 16.03        |                                 | Continued.         | Over Voltage.                  |
| Lonikand- Koyna Stage IV                 | 23/11/2014   | 21.55        | 24/11/2014                      | 07.03              | Over Voltage.                  |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                |
| Padgha-Temghar I                         | 23/11/2014   | 18.18        | 23/11/2014                      | 20.31              | To Control Padgha ICT Loading. |
| Padgha - Temghar - II                    | 23/11/2014   | 18.18        | 23/11/2014                      | 20.31              | To Control Padgha ICT Loading. |
| <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                   |
| 220/22KV 100MVA T/F-I at Kamba           | 21/11/2014   | 10.04        |                                 | Continued.         | Differential operated          |
| Lote - N.Koyna                           | 23/11/2014   | 15.26        | 23/11/2014                      | 17.36              | Distance Protection.           |
| Talegaon ( Ambi) - General Motor         | 24/11/2014   | 01.52        | 24/11/2014                      | 02.51              | Y Ph. CT Burst.                |
| 220/22 KV 50 MVA ICT- I @ Talegaon(Ambi) | 24/11/2014   | 01.52        |                                 | Continued.         | Y Ph C T Burst.                |
| Urse-Talegaon AMBI I                     | 24/11/2014   | 01.52        | 24/11/2014                      | 03.12              | Y Ph. CT Burst.                |
| Bus Coupler @ Talegaon (Ambi)            | 24/11/2014   | 01.52        | 24/11/2014                      | 02.50              | Y Ph. CT Burst.                |
| Kharepatan-Pawas                         | 24/11/2014   | 05.21        | 24/11/2014                      | 05.46              | Distance Protection.           |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 24/Nov/2014

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 120         |
| Unit 7             | 210                   | 150         |
|                    | <b>620</b>            | <b>270</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 140         |
| Unit 4             | 500                   | 320         |
| Unit 5             | 500                   | 370         |
|                    | <b>1420</b>           | <b>830</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 140         |
| Unit 6             | 250                   | 180         |
| Unit 7             | 250                   | 180         |
|                    | <b>1130</b>           | <b>500</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1540</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 180         |
| Unit 4             | 250                   | 180         |
|                    | <b>500</b>            | <b>360</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 185         |
| Unit 4             | 210                   | 185         |
| Unit 5             | 500                   | 420         |
|                    | <b>1340</b>           | <b>1150</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                   | 460         |
|                    | <b>852</b>            | <b>460</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    |             |
| VTRNA              | 60                    | 61          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 64          |
| BHTGR/VEER       | 21                    | 4           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    |             |
| BHANDARDRA       | 45                    |             |
| ELDARY           | 23                    |             |
| SMLHY PTN        | 12                    | 24          |
| GHATGHAR         | 250                   |             |
|                  | <b>611</b>            | <b>193</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                  | 1088        |
| WARDHA           | 405                   | 115         |
| Adani            | 2640                  | 2645        |
| Other CPPs       | 300                   | 745         |
|                  | <b>4545</b>           | <b>4593</b> |
| <b>SOLAR</b>     |                       |             |
| Total            | 0                     |             |
|                  | <b>0</b>              |             |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 0           |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1377</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 5117        |
|                  | <b>3455</b>           | <b>5117</b> |