



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**11/Dec/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 11/Dec/2013 WEDNESDAY**

| <b>I GENERATION (MUs)</b> |                |                 | <b>II EXCHANGES (MUs)</b>      |                |                 |
|---------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| <b>A) MSGENCO</b>         | <b>Daily</b>   | <b>Monthly</b>  | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>  |
| 1) Thermal                | 117.914        | 1147.787        | 1) Gujrat                      | 11.538         | 154.422         |
| 2) Hydro                  | 17.684         | 184.932         | 2) Madhya Pradesh              | 17.595         | 215.962         |
| 3) Gas                    | 7.565          | 80.181          | 3) Chattisgarh                 | 9.800          | 115.350         |
| <b>Total MSGENCO</b>      | <b>143.163</b> | <b>1412.900</b> | 4) Maharashtra                 | 70.909         | 878.743         |
| <b>B) 1) JSW JAIGAD</b>   | 19.370         | 213.068         | 5) Goa                         | -5.712         | -60.208         |
| 2) WPCL                   | 7.891          | 83.571          | 6) TAPS 1&2 Injection          | 3.894          | 42.342          |
| 3) ADANI                  | 26.950         | 309.900         | 7) RGPPL Injection             | 6.603          | 32.159          |
| 4) Other CPP / IPP        | 8.516          | 84.957          | 8) Pench (Excess)              | -0.448         | -4.334          |
| 5) Wind Generation        | 3.219          | 45.930          | <b># Total Cent. Sector</b>    | <b>114.179</b> | <b>1374.436</b> |
| 6) PENCH (MS)             | 0.448          | 4.334           | <b>F) Other Exchanges</b>      |                |                 |
| 7) SOLAR                  | 0.965          | 8.613           | 1) With TPCL (Excess)          | -19.344        | -197.339        |
| <b>C) 1) TPCL Thermal</b> | 18.450         | 209.230         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 5.191          | 51.953          | 1) MSEDCL Bilateral            | 30.682         | 326.772         |
| <b>TOTAL TPCL</b>         | <b>23.641</b>  | <b>261.183</b>  | Include PX                     | 0.314          | 9.832           |
| 3) REL Thermal            | 7.639          | 123.048         | 2) MUMBAI Bilateral            | 19.124         | 194.445         |
| <b>D) STATE</b>           |                |                 | Include PX                     | 5.480          | 40.023          |
| 1) Thermal (A1+C1+C3)     | 144.003        | 1480.065        | 3) MUMBAI Schedule             | 19.124         | 197.244         |
| 2) Hydro (A2+B6+C2)       | 23.323         | 241.219         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 7.565          | 80.181          | 1) MSEDCL                      | 305.357        | 3340.370        |
| 4) Wind (B5)              | 3.219          | 45.930          | 2) TPCL                        | 33.365         | 375.779         |
| 5) CPP/IPP (B1+B2+B3+B4)  | 62.727         | 408.546         | 3) REL                         | 17.259         | 205.790         |
| 6) SOLAR (B7)             | 0.965          | 8.613           | <b>TOTAL STATE</b>             | <b>355.981</b> | <b>3921.939</b> |
| <b>TOTAL STATE</b>        | <b>241.802</b> | <b>2264.554</b> |                                |                |                 |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 2 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 5192                             | 4810                             | 4724                             |
| MSGENCO Hydro                   | 2151                             | 1586                             | 98                               |
| MSGENCO Gas                     | 304                              | 301                              | 322                              |
| <b>MSGENCO Total Generation</b> | <b>7647</b>                      | <b>6697</b>                      | <b>5144</b>                      |
| <b>Central Sector Receipt</b>   | <b>5023</b>                      | <b>5195</b>                      | <b>3999</b>                      |
| <b>WIND</b>                     | <b>89</b>                        | <b>45</b>                        | <b>165</b>                       |
| <b>CPP / IPP</b>                | <b>2807</b>                      | <b>2784</b>                      | <b>2393</b>                      |
| <b>SOLAR</b>                    | <b>123</b>                       | <b>43</b>                        | <b>0</b>                         |
| <b>Exchange with Mumbai</b>     | <b>-1059</b>                     | <b>-838</b>                      | <b>-707</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>14630</b>                     | <b>13976</b>                     | <b>10994</b>                     |
| <b>Load Shedding</b>            | <b>684</b>                       | <b>502</b>                       | <b>9</b>                         |
| <b>MSEDCL DEMAND</b>            | <b>15314</b>                     | <b>14478</b>                     | <b>11003</b>                     |
| <b>TPCL GENERATION</b>          | <b>1269</b>                      | <b>1275</b>                      | <b>610</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>263</b>                       | <b>414</b>                       | <b>194</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2591</b>                      | <b>2527</b>                      | <b>1511</b>                      |
| <b>STATE DEMAND MET</b>         | <b>17221</b>                     | <b>16503</b>                     | <b>12505</b>                     |
| <b>STATE DEMAND</b>             | <b>17905</b>                     | <b>17005</b>                     | <b>12514</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.96</b>                     | <b>49.92</b>                     | <b>50.00</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.38 Hz at 23.58 Hrs</b> | <b>49.56 Hz at 07.17 Hrs</b> | <b>49.98</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 11/Dec/2013

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 2.36        | 24.82         | 145      | 0        | 135      |
| Unit 6           | 3.35        | 36.40         | 170      | 114      | 120      |
| Unit 7           | 3.77        | 41.17         | 190      | 113      | 160      |
| Total            | 9.47        | 102.38        |          |          | 415      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.53        | 39.50         | 155      | 135      | 150      |
| Unit 3           | 2.12        | 37.64         | 155      | 0        | 150      |
| Unit 4           | 4.26        | 8.02          | 190      | 150      | 215      |
| Unit 5           | 7.03        | 23.26         | 335      | 235      |          |
| Total            | 16.94       | 108.43        |          |          | 515      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.98        | 42.91         | 180      | 149      | 150      |
| Unit 5           | 3.80        | 28.56         | 175      | 149      | 160      |
| Unit 6           | 4.65        | 48.66         | 216      | 154      | 160      |
| Unit 7           | 4.58        | 46.92         | 220      | 152      | 160      |
| Total            | 17.02       | 167.05        |          |          | 630      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.97        | 33.94         | 137      | 112      | 125      |
| Unit 2           | 3.06        | 34.20         | 138      | 114      | 125      |
| Unit 3           | 3.00        | 43.46         | 180      | 74       | 170      |
| Unit 4           | 3.30        | 47.18         | 210      | 28       | 180      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 9.44        | 78.61         | 430      | 365      | 375      |
| Unit 7           | 9.11        | 100.84        | 407      | 340      | 370      |
| Total            | 30.88       | 338.23        |          |          | 1345     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.35        | 53.25         | 250      | 192      | 240      |
| Unit 4           | 5.35        | 56.95         | 247      | 193      | 240      |
| Total            | 10.70       | 110.21        |          |          | 480      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.34        | 14.09         | 155      | 115      | 180      |
| Unit 2           | 3.02        | 32.87         | 155      | 85       | 160      |
| Unit 3           | 0.66        | 21.86         | 139      | 0        | 0        |
| Unit 4           | 4.31        | 44.85         | 210      | 152      | 190      |
| Unit 5           | 8.91        | 89.06         | 430      | 290      | 450      |
| Total            | 20.25       | 202.73        |          |          | 980      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.21        | 35.38         | 185      | 165      | 190      |
| Unit 4           | 4.18        | 46.76         | 187      | 163      | 190      |
| Unit 5           | 4.25        | 36.63         | 188      | 171      | 190      |
| Total            | 12.64       | 118.76        |          |          | 570      |
| Uran             |             |               |          |          |          |
| All Units        | 7.56        | 80.18         | 331      | 297      | 300      |
| Total            | 7.56        | 80.18         |          |          | 300      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.45        | 4.33          | 51       | 0        |          |
| Total            | 0.45        | 4.33          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 4.46        | 47.16         | 555      | 40       | 600      |
| Stage 4          | 6.85        | 69.67         | 1115     | 0        | 250      |
| Stage 3          | 2.44        | 25.05         | 320      | 0        | 320      |
| Kovna 12&4 Total | 11.31       | 116.83        |          |          | 850      |

| Generating unit    | Generation   |               |                |          | OLC (MW)     |
|--------------------|--------------|---------------|----------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus) | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>13.76</b> | <b>141.89</b> |                |          | <b>1170</b>  |
| <b>Hydro</b>       |              |               |                |          |              |
| KDPH               | 0.31         | 5.32          | 19             | 0        | 20           |
| VTRNA              | 0.00         | 0.00          | 0              | 0        | 0            |
| TILLARI            | 0.00         | 0.00          | 0              | 0        | 0            |
| BHTGR/VEER         | 0.08         | 0.91          | 4              | 3        | 6            |
| BHIRA T.R.         | 0.24         | 3.08          | 40             | 0        | 40           |
| RNGR+BHTSA         | 0.38         | 4.20          | 16             | 15       | 6            |
| BHANDARDRA         | 0.00         | 0.00          | 0              | 0        | 6            |
| ELDARY             | 0.00         | 0.00          | 0              | 0        |              |
| SMLHY PTN          | 1.00         | 10.88         | 49             | 38       | 6            |
| GHATGHAR           | 1.92         | 18.66         | 250            | 0        |              |
| <b>Total</b>       | <b>3.93</b>  | <b>43.05</b>  |                |          | <b>84</b>    |
| <b>Wind</b>        |              |               |                |          |              |
| MalharPeth         | 0.20         | 2.79          |                |          |              |
| Vankuswadi         | 0.42         | 5.71          |                |          |              |
| ATIT               | 1.16         | 2.21          |                |          |              |
| Kale               | 0.18         | 2.14          |                |          |              |
| Satara             | 0.25         | 16.39         |                |          |              |
| Shirala            | 0.22         | 2.10          |                |          |              |
| K Mahankal         | 0.02         | 0.87          |                |          |              |
| Supa               | 0.04         | 0.64          |                |          |              |
| Vita               | 0.37         | 5.93          |                |          |              |
| Dondaicha          | 0.23         | 4.05          |                |          |              |
| Sakri              | 0.01         | 0.46          |                |          |              |
| Nandurbar          | 0.02         | 0.31          |                |          |              |
| Khandke            | 0.05         | 1.13          |                |          |              |
| Khaparale          | 0.07         | 1.20          |                |          |              |
| <b>Total</b>       | <b>3.22</b>  | <b>45.93</b>  |                |          |              |
| <b>CPP</b>         |              |               |                |          |              |
| JSW JAIGAD         | 19.37        | 213.07        | 904            | 674      | 830          |
| WARDHA             | 7.89         | 83.57         | 341            | 296      | 340          |
| Adani              | 26.95        | 309.90        | 1230           | 880      | 1234         |
| Other CPPs         | 8.52         | 84.96         |                |          |              |
| <b>Total</b>       | <b>62.73</b> | <b>691.50</b> |                |          | <b>2404</b>  |
| <b>SOLAR</b>       |              |               |                |          |              |
| Total              | 0.96         | 8.61          |                |          |              |
| <b>Total</b>       | <b>0.96</b>  | <b>8.61</b>   |                |          |              |
| <b>Tata</b>        |              |               |                |          |              |
| Trombay 4          | 0.00         | 0.00          | 0              | 0        | 0            |
| Trombay 5          | 10.32        | 117.94        | 502            | 315      | 500          |
| Trombay 6          | 0.00         | 0.00          | 0              | 0        | 0            |
| Trombay 7A         | 1.45         | 15.82         | 62             | 59       | 120          |
| Trombay 7B         | 1.15         | 12.69         | 50             | 47       | 60           |
| Trombay 8          | 5.53         | 62.78         | 252            | 185      | 250          |
| TATA Hydro         | 5.19         | 51.95         | 459            | 0        | 447          |
| <b>Total</b>       | <b>23.64</b> | <b>261.18</b> |                |          | <b>1377</b>  |
| <b>REL</b>         |              |               |                |          |              |
| 1&2                | 7.64         | 123.05        | 523            | 191      | 250          |
| <b>Total</b>       | <b>7.64</b>  | <b>123.05</b> |                |          | <b>250</b>   |
| <b>Cent Sect</b>   |              |               |                |          |              |
| Share              |              |               |                |          | 5151         |
| <b>Total</b>       |              |               |                |          | <b>5151</b>  |
| MS PG CL           | Thermal      | 117.91        | 1147.79        |          | 4935         |
|                    | Thml+Gas     | 125.48        | 1227.97        |          | 5235         |
|                    | Hydro        | 17.68         | 184.93         |          | 1254         |
|                    | <b>Total</b> | <b>143.16</b> | <b>1412.90</b> |          | <b>6489</b>  |
| <b>State Total</b> |              | <b>241.80</b> | <b>2264.55</b> |          | <b>15671</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 11/Dec/2013

| 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                  | 4707        | 97    | 322  | 5126   | 167  | 2269         | 0     | 4312        | 4524        | -718         | -823                 | 11263                 | 61                   | 11324                     | 1624                         | 12948           | 49.98         |
| 2                  | 4724        | 98    | 322  | 5144   | 165  | 2393         | 0     | 4078        | 3999        | -671         | -707                 | 10994                 | 9                    | 11003                     | 1511                         | 12514           | 50.00         |
| 3                  | 4760        | 98    | 322  | 5180   | 125  | 2430         | 0     | 4060        | 4049        | -653         | -634                 | 11150                 | 9                    | 11159                     | 1437                         | 12596           | 50.00         |
| 4                  | 4826        | 97    | 322  | 5245   | 126  | 2431         | 0     | 4188        | 4050        | -629         | -592                 | 11260                 | 16                   | 11276                     | 1394                         | 12670           | 50.09         |
| 5                  | 4815        | 102   | 325  | 5242   | 100  | 2434         | 0     | 4437        | 4290        | -641         | -579                 | 11487                 | 69                   | 11556                     | 1382                         | 12938           | 50.00         |
| 6                  | 5106        | 98    | 330  | 5534   | 160  | 2496         | 0     | 4769        | 4583        | -604         | -530                 | 12243                 | 230                  | 12473                     | 1507                         | 13980           | 49.97         |
| 7                  | 5206        | 198   | 331  | 5735   | 172  | 2527         | 0     | 4639        | 4702        | -571         | -538                 | 12598                 | 683                  | 13281                     | 1665                         | 14946           | 49.84         |
| 8                  | 5253        | 737   | 331  | 6321   | 186  | 2582         | 14    | 4626        | 4583        | -496         | -455                 | 13271                 | 895                  | 14166                     | 1791                         | 15957           | 49.83         |
| 9                  | 5191        | 1210  | 326  | 6727   | 144  | 2667         | 61    | 4764        | 4938        | -651         | -575                 | 14013                 | 862                  | 14875                     | 1999                         | 16874           | 49.94         |
| 10                 | 5167        | 1726  | 317  | 7210   | 136  | 2784         | 99    | 4882        | 5014        | -786         | -835                 | 14458                 | 658                  | 15116                     | 2328                         | 17444           | 49.99         |
| 11                 | 5197        | 1948  | 308  | 7453   | 132  | 2790         | 141   | 5131        | 5163        | -1019        | -1040                | 14666                 | 611                  | 15277                     | 2552                         | 17829           | 49.97         |
| 12                 | 5192        | 2151  | 304  | 7647   | 89   | 2807         | 123   | 5189        | 5023        | -1067        | -1059                | 14630                 | 684                  | 15314                     | 2591                         | 17905           | 49.96         |
| 13                 | 5167        | 1664  | 302  | 7133   | 63   | 2794         | 135   | 5486        | 5385        | -1048        | -1052                | 14461                 | 822                  | 15283                     | 2588                         | 17871           | 49.92         |
| 14                 | 5163        | 950   | 297  | 6410   | 54   | 2807         | 155   | 5397        | 5602        | -951         | -996                 | 14059                 | 719                  | 14778                     | 2500                         | 17278           | 50.02         |
| 15                 | 5054        | 1352  | 299  | 6705   | 51   | 2774         | 92    | 5218        | 5344        | -941         | -969                 | 14037                 | 598                  | 14635                     | 2529                         | 17164           | 49.91         |
| 16                 | 4820        | 1969  | 298  | 7087   | 49   | 2797         | 99    | 5104        | 5128        | -943         | -906                 | 14304                 | 519                  | 14823                     | 2525                         | 17348           | 49.83         |
| 17                 | 4810        | 1586  | 301  | 6697   | 45   | 2784         | 43    | 5099        | 5145        | -890         | -838                 | 13926                 | 502                  | 14428                     | 2527                         | 16955           | 49.92         |
| 18                 | 4855        | 596   | 305  | 5756   | 83   | 2781         | 3     | 4931        | 4664        | -904         | -828                 | 12509                 | 616                  | 13125                     | 2535                         | 15660           | 49.92         |
| 19                 | 4820        | 323   | 310  | 5453   | 121  | 2773         | 0     | 5079        | 5223        | -997         | -839                 | 12781                 | 492                  | 13273                     | 2608                         | 15881           | 49.96         |
| 20                 | 4714        | 166   | 311  | 5191   | 144  | 2697         | 0     | 5156        | 5019        | -853         | -863                 | 12198                 | 517                  | 12715                     | 2585                         | 15300           | 49.93         |
| 21                 | 4672        | 159   | 317  | 5148   | 176  | 2669         | 0     | 5015        | 4995        | -809         | -955                 | 12033                 | 354                  | 12387                     | 2397                         | 14784           | 50.10         |
| 22                 | 4703        | 125   | 322  | 5150   | 284  | 2586         | 0     | 4973        | 4456        | -767         | -940                 | 11536                 | 206                  | 11742                     | 2216                         | 13958           | 50.16         |
| 23                 | 4533        | 117   | 321  | 4971   | 380  | 2387         | 0     | 4791        | 4610        | -770         | -993                 | 11355                 | 143                  | 11498                     | 2027                         | 13525           | 50.08         |
| 24                 | 4459        | 117   | 322  | 4898   | 67   | 2268         | 0     | 4345        | 4744        | -745         | -798                 | 11179                 | 134                  | 11313                     | 1806                         | 13119           | 50.13         |
| MUs                | 117.91      | 17.68 | 7.56 | 143.16 | 3.22 | 62.73        | 0.96  | 115.67      | 115.23      | -19.12       | -19.34               | 306.41                | 10.41                | 316.82                    | 50.62                        | 367.44          | 49.98         |

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 11/Dec/2013**

Position as on 6.30 Hrs of 12/Dec/2013

| 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                     |               |
| Chandrapur Unit 5       | 500      | 14/07/2013   | 00.01        |            | Continued. | Condenser replacement work.        |               |
| Cent_Sect Tarapur 2     | 160      | 24/11/2013   | 20.42        |            | Continued. | Maint.work.                        | 13/12/2013    |
| <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                       |               |
| Tata Trombay 6          | 500      | 19/07/2013   | 23.54        |            | Continued. | Economic shut down.                |               |
| Dabhol 2B               | 230      | 08/08/2013   | 15.03        |            | Continued. | Gas Shortage                       |               |
| CPP VIPL                | 300      | 02/10/2013   | 00.45        |            | Continued. | Turbine bearing vibration high.    |               |
| CPP JSW (J) U2          | 300      | 21/10/2013   | 00.00        |            | Continued. | Lack of Shedule.                   |               |
| CPP WPCL U-3            | 135      | 10/11/2013   | 6.10         |            | Continued. | I D Fan Problem                    |               |
| CPP INDIABULLS          | 270      | 25/11/2013   | 00:00        |            | Continued. | Non-availability of coal           |               |
| Uran Unit 5             | 108      | 25/11/2013   | 21.33        |            | Continued. | Gas Shortage.                      |               |
| CPP Adani U-3           | 660      | 01/12/2013   | 23.49        |            | Continued. | TO ATTEND OIL LEAKAGE BEARING NO 7 |               |
| Uran Unit A0            | 120      | 04/12/2013   | 13.26        |            | Continued. | GAS RESTRICTION                    |               |
| Uran Unit 6             | 108      | 04/12/2013   | 13.26        |            | Continued. | Gas Restriction                    |               |
| Khaparkheda Unit 3      | 210      | 07/12/2013   | 02.14        | 11/12/2013 | 17.35      | Furnace Pressure high.             |               |
| REL 2                   | 250      | 10/12/2013   | 07.28        | 11/12/2013 | 15.30      | BLR T/L.                           |               |
| Bhusawal Unit 3         | 210      | 11/12/2013   | 14.31        |            | Continued. | BLR T/L.                           |               |
| Koradi Unit 5           | 200      | 11/12/2013   | 15.17        | 11/12/2013 | 18.52      | Turbine Problem.                   |               |
| Koradi Unit 5           | 200      | 11/12/2013   | 19.02        | 11/12/2013 | 21.01      | Problem in CW Pump.                |               |
| Chandrapur Unit 4       | 210      | 11/12/2013   | 23.21        |            | Continued. | BLR T/L.                           |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 11/Dec/2013**

Position as on 6.30 Hrs of 12/Dec/2013

| Name of Line                         | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                          |
|--------------------------------------|--------------|--------------|-----------------------------------|--------------------|-----------------------------------------------------------|
| <b>InterState</b>                    |              |              |                                   |                    |                                                           |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                           |
| Padgha-Bhoisor (PGCIL)               | 11/12/2013   | 10.10        | 11/12/2013                        | 19.56              | A/R out, on line PID Work.                                |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                           |
| Borivali -Tarapur                    | 07/12/2013   | 10.15        |                                   | Continued.         | MUMBAI STRENGTHENING WORK                                 |
| Nasik-Navsari-I                      | 11/12/2013   | 10.23        | 11/12/2013                        | 19.05              | For conversion stn to DTN at Nasik end.                   |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                           |
| Kolhapur-Solapur(PGCIL)-I            | 03/12/2013   | 16:42        | 11/12/2013                        | 10.21              | Over Voltage.                                             |
| A'bad-Talegaon PG-1                  | 07/12/2013   | 10.12        |                                   | Continued.         | line ready for charging                                   |
| Kolhapur - Mapusa - II               | 10/12/2013   | 16.46        | 11/12/2013                        | 08.56              | Over Voltage.                                             |
| 765 KV Seoni-Wardha-II               | 10/12/2013   | 1:24         |                                   | Continued.         | H/T TO CONTROL O/V                                        |
| Dhule-Sar'Sarovar - II               | 10/12/2013   | 23.36        | 11/12/2013                        | 07.42              | Over Voltage.                                             |
| Kolhapur - Mapusa - I                | 11/12/2013   | 16.34        |                                   | Continued.         | Over Voltage.                                             |
| Kolhapur-Solapur(PGCIL)-I            | 11/12/2013   | 16.58        |                                   | Continued.         | Over Voltage.                                             |
| Dhule-Sar'Sarovar - II               | 11/12/2013   | 23.50        |                                   | Continued.         | Over Voltage.                                             |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                           |
| Wardha - Deoli (PGCIL)               | 05/12/2013   | 19.30        |                                   | Continued.         | To control L/L due to 220KV Wardha-Warora Outage.         |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                           |
| Karad - Solapur (PGCIL)              | 08/12/2013   | 23.03        | 11/12/2013                        | 08.38              | TRIPPED ON OVER VOLTAGE                                   |
| 765 KV Wardha - Seoni - I            | 11/12/2013   | 19:57        |                                   | Continued.         | TRIPPED ON O/V                                            |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                           |
| Talangde - Chikodi                   | 11/12/2013   | 10.40        | 11/12/2013                        | 17.40              | Dist.Prot.                                                |
| <b>IntraState</b>                    |              |              |                                   |                    |                                                           |
| <b>Voltage Level : 500KV</b>         |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                           |
| HVDC POLE I -CHDPR                   | 11/12/2013   | 20.19        | 11/12/2013                        | 22.53              | To Top Up Converter Transformer Oil.                      |
| HCDC Pole-II @Padghe                 | 11/12/2013   | 23.50        | 12/12/2013                        | 00.15              | Electronic card replacement.                              |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                           |
| 400/132 KV 200 MVA ICT - II @ Khadka | 11/11/2013   | 09.07        |                                   | Continued.         | Replacement of Old 200 MVA ICT Under LES Upto 04/01/2014. |
| 400/220KV 315 MVA ICT-I @ Padgha     | 26/11/2013   | 10.25        |                                   | Continued.         | Taken on TBC LV Side.(15 Days)                            |
| 400/220KV 315MVA ICT- I @ Chandrapur | 04/12/2013   | 11.20        |                                   | Continued.         | Taken on TBC LV Side for Breaker Work.                    |
| Babaleshwar - Bhusawal               | 11/12/2013   | 09.25        | 11/12/2013                        | 17.20              | Hot Spot.                                                 |
| Chandrapur - Parli - III             | 11/12/2013   | 12.34        | 11/12/2013                        | 13.09              | Hot Spot, on Y-Ph line isolator by Hotline.               |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                           |
| Chalisgaon-Khadka II                 | 07/10/2013   | 11.37        |                                   | Continued.         | Modification of existing Khadka-Chalisgaon line.          |
| Bus Sectioniser @ Apta               | 04/12/2013   | 09.57        |                                   | Continued.         | Replacement of Isolator & 6 No's of CT's Upto 8.12.13.    |
| Pusad-Nanded                         | 05/12/2013   | 06.03        |                                   | Continued.         | 220KV Ghatodi S/S LILO Work.                              |
| Ghodbandar - Bhoisor (MSETCL)        | 07/12/2013   | 10.38        |                                   | Continued.         | MUMBAI STRENGTHENING WORK                                 |
| Kandalgaon-Bhira                     | 10/12/2013   | 09.10        | 11/12/2013                        | 12.20              | Repl.of Bus Isolator work.                                |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 11/Dec/2013**

Position as on 6.30 Hrs of 12/Dec/2013

| Name of Line                           | Tripped Date | Tripped Time | Synchronise d Date               | Synchronise d Time | Reason of Outage                                         |
|----------------------------------------|--------------|--------------|----------------------------------|--------------------|----------------------------------------------------------|
| 220/132 KV 150 MVA T/F-I @ Boiser      | 10/12/2013   | 13.04        |                                  | Continued.         | Vaccum and drying process due to moisture in WDG.of ICT. |
| Khaperkheda-Purti                      | 10/12/2013   | 15.26        | 11/12/2013                       | 15.34              | For diversion Ckt.                                       |
| Pedambe -Nerale                        | 11/12/2013   | 08.40        | 11/12/2013                       | 18.30              | Insulator Repl.Work.                                     |
| Wathar - Mudshingi                     | 11/12/2013   | 09.40        |                                  | Continued.         | Repl.of old insulator.                                   |
| Theur-Phursungi-I                      | 11/12/2013   | 10.10        | 11/12/2013                       | 18.55              | Half Yearly Maint.                                       |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type FORCED OUTAGE</b> |                    |                                                          |
| Dabhol - New Koyna - I                 | 30/11/2013   | 21.54        |                                  | Continued.         | H/T TO CONTROL OVER VOLTAGE                              |
| Chandrapur - Parli - II                | 11/12/2013   | 14.00        |                                  | Continued.         | Hot Spot RFC 19.22 Hrs.                                  |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                                          |
| 400/220 KV 100 MVA Spare Unit @ Koradi | 12/07/2012   | 07.11        |                                  | Continued.         | Main Buchholz prot.operated                              |
| Deepnagar-Waluj I                      | 03/12/2013   | 12:08        |                                  | Continued.         | To attend Y ph ISO. at Waluj end.                        |
| Dabhol-Nagothane - II                  | 06/12/2013   | 21:31        |                                  | Continued.         | OVERVOLTAGE                                              |
| Karad - Kolhapur - II                  | 08/12/2013   | 16.36        |                                  | Continued.         | OVER VOLTAGE                                             |
| Bhusawal- Aurangabad                   | 10/12/2013   | 17.06        |                                  | Continued.         | Over Voltage.                                            |
| Karad-Jaigad I                         | 10/12/2013   | 20.27        | 11/12/2013                       | 08.46              | Over Voltage.                                            |
| Lonikand- Koyna Stage IV               | 10/12/2013   | 21.58        | 11/12/2013                       | 08.50              | Over Voltage.                                            |
| Karad-Jaigad I                         | 11/12/2013   | 17.05        |                                  | Continued.         | Over Voltage.                                            |
| Lonikand- Koyna Stage IV               | 11/12/2013   | 21.13        |                                  | Continued.         | Over Voltage.                                            |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                                          |
| Chikhali - Jalna - I                   | 17/11/2013   | 18.00        |                                  | Continued.         | AFTER TAKEN IN/S,A'BAD ICT 3                             |
| Aurangabad - Babaleshwar               | 30/11/2013   | 9.24         |                                  | Continued.         | TO CONTROL A'BAD ICT LOADING                             |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type TRIPPED</b>       |                    |                                                          |
| Babaleshwar - Bhusawal                 | 11/12/2013   | 18.37        | 11/12/2013                       | 18.43              | PDR,Taken I/S Through TBC at BBLSR End.                  |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type TRIPPED</b>       |                    |                                                          |
| 220/100 KV,200MVA ICT - I at Padgha    | 07/06/2013   | 17.48        |                                  | Continued.         | Diff.Protection                                          |
| Talandge - Sawantwadi - II.            | 29/10/2013   | 17.30        |                                  | Continued.         | Dist Prot.                                               |
| Vita - Lamboti                         | 11/12/2013   | 16.45        | 11/12/2013                       | 22.16              | Dist Prot.                                               |
| <b>Voltage Level : 132KV</b>           |              |              | <b>Outage Type TRIPPED</b>       |                    |                                                          |
| Paras-Malkapur                         | 11/12/2013   | 10.22        | 11/12/2013                       | 10.27              | Dist.Prot.                                               |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 12/Dec/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 135         |
| Unit 6             | 210                   | 120         |
| Unit 7             | 210                   | 140         |
|                    | <b>620</b>            | <b>395</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 500                   | 250         |
| Unit 5             | 500                   |             |
|                    | <b>1420</b>           | <b>400</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 180         |
| Unit 5             | 210                   | 170         |
| Unit 6             | 250                   | 220         |
| Unit 7             | 250                   | 220         |
|                    | <b>1130</b>           | <b>790</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 140         |
| Unit 2             | 210                   | 125         |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 390         |
| Unit 7             | 500                   | 380         |
|                    | <b>2340</b>           | <b>1205</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 240         |
| Unit 4             | 250                   | 240         |
|                    | <b>500</b>            | <b>480</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 130         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 450         |
|                    | <b>1340</b>           | <b>1120</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                   | 300         |
|                    | <b>852</b>            | <b>300</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                    | 18          |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 0           |
| BHTGR/VEER       | 21                    | 5           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 15          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 10          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>88</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                  | 825         |
| WARDHA           | 405                   | 340         |
| Adani            | 1980                  | 1234        |
| Other CPPs       | 300                   |             |
|                  | <b>3885</b>           | <b>2399</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                  | 4952        |
|                  | <b>3455</b>           | <b>4952</b> |