



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**30/Dec/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 30/Dec/2013 MONDAY**

| <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                | 113.274        | 3318.994        | 1) Gujrat                      | 9.988          | 364.094          |
| 2) Hydro                  | 11.316         | 496.606         | 2) Madhya Pradesh              | 20.423         | 542.504          |
| 3) Gas                    | 5.945          | 188.917         | 3) Chattisgarh                 | 10.880         | 299.240          |
| <b>Total MSGENCO</b>      | <b>130.535</b> | <b>4004.517</b> | 4) Maharashtra                 | 71.648         | 2198.135         |
| <b>B) 1) JSW JAIGAD</b>   | 19.539         | 551.714         | 5) Goa                         | -5.600         | -164.463         |
| 2) WPCL                   | 5.405          | 211.372         | 6) TAPS 1&2 Injection          | 7.638          | 130.187          |
| 3) ADANI                  | 40.230         | 949.960         | 7) RGPPL Injection             | 0.000          | 145.632          |
| 4) Other CPP / IPP        | 13.022         | 300.140         | 8) Pench (Excess)              | -0.154         | -12.734          |
| 5) Wind Generation        | 4.100          | 116.991         | <b># Total Cent. Sector</b>    | <b>114.823</b> | <b>3502.595</b>  |
| 6) PENCH (MS)             | 0.154          | 12.734          | <b>F) Other Exchanges</b>      |                |                  |
| 7) SOLAR                  | 0.581          | 24.116          | 1) With TPCL (Excess)          | -15.166        | -468.980         |
| <b>C) 1) TPCL Thermal</b> | 17.212         | 543.250         | <b>G) Bilateral Power *</b>    |                |                  |
| 2) TPCL Hydro             | 4.100          | 118.862         | 1) MSEDCL Bilateral            | 27.874         | 729.053          |
| <b>TOTAL TPCL</b>         | <b>21.312</b>  | <b>662.112</b>  | Include PX                     | 0.000          | -14.033          |
| 3) REL Thermal            | 11.240         | 340.748         | 2) MUMBAI Bilateral            | 14.932         | 448.598          |
|                           |                |                 | Include PX                     | 2.562          | 50.840           |
| <b>D) STATE</b>           |                |                 | 3) MUMBAI Schedule             | 14.932         | 451.397          |
| 1) Thermal (A1+C1+C3)     | 141.726        | 4202.992        | <b>H) ENERGY CATERED (MUs)</b> |                |                  |
| 2) Hydro (A2+B6+C2)       | 15.570         | 628.202         | 1) MSEDCL                      | 313.223        | 9205.159         |
| 3) Gas (A3)               | 5.945          | 188.917         | 2) TPCL                        | 31.197         | 959.385          |
| 4) Wind (B5)              | 4.100          | 116.991         | 3) REL                         | 16.319         | 512.215          |
| 5) CPP/IPP (B1+B2+B3+B4)  | 78.196         | 1103.456        | <b>TOTAL STATE</b>             | <b>360.739</b> | <b>10676.759</b> |
| 6) SOLAR (B7)             | 0.581          | 24.116          |                                |                |                  |
| <b>TOTAL STATE</b>        | <b>246.118</b> | <b>6264.674</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 3 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 4949                             | 4901                             | 4506                             |
| MSGENCO Hydro                   | 1258                             | 823                              | 153                              |
| MSGENCO Gas                     | 259                              | 257                              | 238                              |
| <b>MSGENCO Total Generation</b> | <b>6466</b>                      | <b>5981</b>                      | <b>4897</b>                      |
| <b>Central Sector Receipt</b>   | <b>5185</b>                      | <b>5077</b>                      | <b>4130</b>                      |
| <b>WIND</b>                     | <b>191</b>                       | <b>89</b>                        | <b>145</b>                       |
| <b>CPP / IPP</b>                | <b>3494</b>                      | <b>3487</b>                      | <b>2736</b>                      |
| <b>SOLAR</b>                    | <b>91</b>                        | <b>22</b>                        | <b>0</b>                         |
| <b>Exchange with Mumbai</b>     | <b>-787</b>                      | <b>-676</b>                      | <b>-293</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>14640</b>                     | <b>13980</b>                     | <b>11615</b>                     |
| <b>Load Shedding</b>            | <b>947</b>                       | <b>406</b>                       | <b>0</b>                         |
| <b>MSEDCL DEMAND</b>            | <b>15587</b>                     | <b>14386</b>                     | <b>11615</b>                     |
| <b>TPCL GENERATION</b>          | <b>1234</b>                      | <b>1147</b>                      | <b>594</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>527</b>                       | <b>526</b>                       | <b>389</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2548</b>                      | <b>2349</b>                      | <b>1276</b>                      |
| <b>STATE DEMAND MET</b>         | <b>17188</b>                     | <b>16329</b>                     | <b>12891</b>                     |
| <b>STATE DEMAND</b>             | <b>18135</b>                     | <b>16735</b>                     | <b>12891</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.94</b>                     | <b>50.09</b>                     | <b>50.30</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.54 Hz at 04.58 Hrs</b> | <b>49.76 Hz at 08.08 Hrs</b> | <b>50.11</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 30/Dec/2013

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 45.77         | 0        | 0        | 0        |
| Unit 6           | 0.00        | 78.03         | 0        | 0        | 0        |
| Unit 7           | 0.00        | 94.30         | 0        | 0        | 0        |
| Total            | 0.00        | 218.10        |          |          | 0        |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.21        | 95.61         | 145      | 125      | 140      |
| Unit 3           | 3.32        | 96.61         | 145      | 130      | 140      |
| Unit 4           | 8.90        | 143.32        | 415      | 315      | 340      |
| Unit 5           | 6.70        | 129.38        | 330      | 235      | 0        |
| Total            | 22.12       | 464.92        |          |          | 620      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.58        | 114.74        | 163      | 135      | 155      |
| Unit 5           | 3.63        | 101.05        | 163      | 126      | 145      |
| Unit 6           | 4.25        | 128.52        | 184      | 157      | 175      |
| Unit 7           | 4.12        | 123.56        | 183      | 158      | 155      |
| Total            | 15.58       | 467.87        |          |          | 630      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.38        | 96.34         | 149      | 134      | 140      |
| Unit 2           | 3.29        | 70.67         | 142      | 127      | 140      |
| Unit 3           | 4.24        | 107.88        | 200      | 149      | 170      |
| Unit 4           | 4.73        | 122.60        | 211      | 168      | 205      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 9.15        | 257.98        | 415      | 343      | 380      |
| Unit 7           | 8.87        | 270.03        | 411      | 295      | 380      |
| Total            | 33.66       | 925.49        |          |          | 1415     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.68        | 130.34        | 212      | 180      | 210      |
| Unit 4           | 4.99        | 154.35        | 222      | 188      | 220      |
| Total            | 9.67        | 284.69        |          |          | 430      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.07        | 72.18         | 165      | 85       | 180      |
| Unit 2           | 2.86        | 62.43         | 165      | 80       | 160      |
| Unit 3           | 3.89        | 87.00         | 170      | 153      | 190      |
| Unit 4           | 0.00        | 110.94        | 0        | 0        | 0        |
| Unit 5           | 9.65        | 266.03        | 465      | 353      | 450      |
| Total            | 19.47       | 598.57        |          |          | 980      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.28        | 114.56        | 195      | 166      | 190      |
| Unit 4           | 4.22        | 127.27        | 184      | 165      | 190      |
| Unit 5           | 4.27        | 117.52        | 190      | 168      | 190      |
| Total            | 12.77       | 359.35        |          |          | 570      |
| Uran             |             |               |          |          |          |
| All Units        | 5.94        | 188.92        | 265      | 238      | 235      |
| Total            | 5.94        | 188.92        |          |          | 235      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.15        | 12.73         | 53       | 0        |          |
| Total            | 0.15        | 12.73         |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.81        | 119.28        | 395      | 40       | 600      |
| Stage 4          | 2.57        | 175.46        | 545      | 0        | 250      |
| Stage 3          | 1.03        | 62.85         | 160      | 0        | 320      |
| Kovna 12&4 Total | 5.38        | 294.74        |          |          | 850      |

| Generating unit    | Generation    |                |                |          | OLC (MW)     |
|--------------------|---------------|----------------|----------------|----------|--------------|
|                    | Daily (Mus)   | Monthly (Mus)  | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>6.41</b>   | <b>357.58</b>  |                |          | <b>1170</b>  |
| <b>Hydro</b>       |               |                |                |          |              |
| KDPH               | 0.46          | 13.03          | 19             | 18       | 18           |
| VTRNA              | 0.00          | 0.00           | 0              | 0        | 0            |
| TILLARI            | 0.00          | 0.00           | 0              | 0        | 0            |
| BHTGR/VEER         | 0.06          | 1.86           | 3              | 2        | 2            |
| BHIRA T.R.         | 0.06          | 6.58           | 37             | 0        | 40           |
| RNGR+BHTSA         | 0.36          | 11.36          | 16             | 15       | 16           |
| BHANDARDRA         | 0.48          | 13.25          | 21             | 20       | 23           |
| ELDARY             | 0.33          | 3.10           | 15             | 10       | 15           |
| SMLHY PTN          | 0.97          | 30.78          | 48             | 37       | 12           |
| GHATGHAR           | 2.18          | 59.07          | 250            | 0        | 0            |
| <b>Total</b>       | <b>4.90</b>   | <b>139.02</b>  |                |          | <b>126</b>   |
| <b>Wind</b>        |               |                |                |          |              |
| MalharPeth         | 0.10          | 6.88           |                |          |              |
| Vankuswadi         | 0.20          | 13.63          |                |          |              |
| ATIT               | 0.02          | 4.96           |                |          |              |
| Kale               | 0.05          | 4.85           |                |          |              |
| Satara             | 1.50          | 41.71          |                |          |              |
| Shirala            | 0.04          | 4.81           |                |          |              |
| K Mahankal         | 0.03          | 2.18           |                |          |              |
| Supa               | 0.20          | 1.89           |                |          |              |
| Vita               | 0.37          | 11.75          |                |          |              |
| Dondaicha          | 0.78          | 13.74          |                |          |              |
| Sakri              | 0.10          | 1.51           |                |          |              |
| Nandurbar          | 0.06          | 1.06           |                |          |              |
| Khandke            | 0.54          | 4.73           |                |          |              |
| Khaparale          | 0.11          | 3.28           |                |          |              |
| <b>Total</b>       | <b>4.10</b>   | <b>116.99</b>  |                |          |              |
| <b>CPP</b>         |               |                |                |          |              |
| JSW JAIGAD         | 19.54         | 551.71         | 900            | 699      | 820          |
| WARDHA             | 5.40          | 211.37         | 241            | 29       | 238          |
| Adani              | 40.23         | 949.96         | 1830           | 1280     | 1851         |
| Other CPPs         | 13.02         | 300.06         |                |          | 245          |
| <b>Total</b>       | <b>78.20</b>  | <b>2013.11</b> |                |          | <b>3154</b>  |
| <b>SOLAR</b>       |               |                |                |          |              |
| Total              | 0.58          | 24.12          |                |          |              |
| <b>Total</b>       | <b>0.58</b>   | <b>24.12</b>   |                |          |              |
| <b>Tata</b>        |               |                |                |          |              |
| Trombay 4          | 0.00          | 0.00           | 0              | 0        | 0            |
| Trombay 5          | 9.77          | 308.81         | 502            | 315      | 500          |
| Trombay 6          | 0.00          | 0.00           | 0              | 0        | 0            |
| Trombay 7A         | 1.19          | 39.03          | 50             | 49       | 120          |
| Trombay 7B         | 0.98          | 31.55          | 41             | 40       | 60           |
| Trombay 8          | 5.28          | 163.86         | 252            | 185      | 250          |
| TATA Hydro         | 4.10          | 118.86         | 406            | 0        | 447          |
| <b>Total</b>       | <b>21.31</b>  | <b>662.11</b>  |                |          | <b>1377</b>  |
| <b>REL</b>         |               |                |                |          |              |
| 1&2                | 11.24         | 340.75         | 527            | 386      | 500          |
| <b>Total</b>       | <b>11.24</b>  | <b>340.75</b>  |                |          | <b>500</b>   |
| <b>Cent Sect</b>   |               |                |                |          |              |
| Share              |               |                |                |          | 5094         |
| <b>Total</b>       |               |                |                |          | <b>5094</b>  |
| MS PG CL           | Thermal       | 113.27         | 3318.99        |          | 4645         |
|                    | Thml+Gas      | 119.22         | 3507.91        |          | 4880         |
|                    | Hydro         | 11.32          | 496.61         |          | 1296         |
|                    | <b>Total</b>  | <b>130.54</b>  | <b>4004.52</b> |          | <b>6176</b>  |
| <b>State Total</b> | <b>246.12</b> | <b>6264.67</b> |                |          | <b>16301</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 30/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                  | 4526        | 152   | 238  | 4916   | 107  | 2717         | 0     | 4206        | 4334        | -618         | -477                 | 11597                 | 0                    | 11597                     | 1458                         | 13055           | 50.17         |
| 2                  | 4540        | 147   | 238  | 4925   | 118  | 2756         | 0     | 4081        | 4224        | -575         | -348                 | 11675                 | 0                    | 11675                     | 1334                         | 13009           | 50.22         |
| 3                  | 4506        | 153   | 238  | 4897   | 145  | 2736         | 0     | 4019        | 4130        | -555         | -293                 | 11615                 | 0                    | 11615                     | 1276                         | 12891           | 50.30         |
| 4                  | 4550        | 163   | 239  | 4952   | 174  | 2712         | 0     | 4052        | 4247        | -555         | -261                 | 11824                 | 0                    | 11824                     | 1243                         | 13067           | 50.32         |
| 5                  | 4537        | 148   | 239  | 4924   | 204  | 2732         | 0     | 4170        | 4213        | -555         | -276                 | 11797                 | 3                    | 11800                     | 1257                         | 13057           | 50.27         |
| 6                  | 4549        | 149   | 239  | 4937   | 236  | 2954         | 0     | 4612        | 4785        | -560         | -375                 | 12537                 | 51                   | 12588                     | 1354                         | 13942           | 50.19         |
| 7                  | 4722        | 154   | 239  | 5115   | 274  | 3312         | 0     | 4617        | 4668        | -529         | -392                 | 12977                 | 320                  | 13297                     | 1501                         | 14798           | 50.12         |
| 8                  | 4814        | 218   | 249  | 5281   | 273  | 3403         | 12    | 4592        | 4934        | -430         | -260                 | 13657                 | 815                  | 14472                     | 1682                         | 16154           | 50.01         |
| 9                  | 4892        | 804   | 249  | 5945   | 248  | 3494         | 18    | 4609        | 4774        | -406         | -429                 | 14097                 | 905                  | 15002                     | 2079                         | 17081           | 49.92         |
| 10                 | 4932        | 1201  | 249  | 6382   | 245  | 3500         | 40    | 4721        | 4843        | -509         | -626                 | 14437                 | 699                  | 15136                     | 2403                         | 17539           | 50.02         |
| 11                 | 4961        | 1095  | 252  | 6308   | 237  | 3514         | 82    | 4980        | 5077        | -755         | -760                 | 14498                 | 790                  | 15288                     | 2516                         | 17804           | 49.98         |
| 12                 | 4949        | 1258  | 259  | 6466   | 191  | 3494         | 91    | 5008        | 5185        | -772         | -787                 | 14640                 | 947                  | 15587                     | 2548                         | 18135           | 49.94         |
| 13                 | 4978        | 1048  | 265  | 6291   | 136  | 3486         | 111   | 4980        | 5152        | -746         | -792                 | 14384                 | 1090                 | 15474                     | 2534                         | 18008           | 50.06         |
| 14                 | 4923        | 554   | 249  | 5726   | 104  | 3486         | 73    | 4926        | 5464        | -669         | -710                 | 14143                 | 952                  | 15095                     | 2378                         | 17473           | 50.07         |
| 15                 | 4930        | 766   | 248  | 5944   | 60   | 3505         | 74    | 4893        | 5347        | -648         | -715                 | 14215                 | 691                  | 14906                     | 2376                         | 17282           | 50.10         |
| 16                 | 4911        | 1114  | 248  | 6273   | 73   | 3498         | 52    | 4808        | 5251        | -652         | -690                 | 14457                 | 582                  | 15039                     | 2346                         | 17385           | 50.06         |
| 17                 | 4901        | 823   | 257  | 5981   | 89   | 3487         | 22    | 4818        | 5077        | -648         | -676                 | 13980                 | 406                  | 14386                     | 2349                         | 16735           | 50.09         |
| 18                 | 4727        | 181   | 258  | 5166   | 108  | 3525         | 6     | 4881        | 4678        | -670         | -719                 | 12764                 | 171                  | 12935                     | 2349                         | 15284           | 50.02         |
| 19                 | 4748        | 248   | 247  | 5243   | 116  | 3500         | 0     | 5074        | 5320        | -781         | -889                 | 13290                 | 92                   | 13382                     | 2450                         | 15832           | 50.08         |
| 20                 | 4769        | 193   | 249  | 5211   | 147  | 3495         | 0     | 5009        | 5066        | -703         | -961                 | 12958                 | 107                  | 13065                     | 2431                         | 15496           | 50.15         |
| 21                 | 4503        | 208   | 249  | 4960   | 181  | 3172         | 0     | 4416        | 5214        | -636         | -1096                | 12431                 | 68                   | 12499                     | 2224                         | 14723           | 50.11         |
| 22                 | 4450        | 233   | 249  | 4932   | 183  | 3337         | 0     | 4339        | 4619        | -583         | -1063                | 12008                 | 48                   | 12056                     | 2066                         | 14122           | 50.18         |
| 23                 | 4471        | 148   | 248  | 4867   | 219  | 3335         | 0     | 4318        | 4099        | -692         | -879                 | 11641                 | 19                   | 11660                     | 1874                         | 13534           | 50.14         |
| 24                 | 4485        | 158   | 250  | 4893   | 232  | 3046         | 0     | 4299        | 4122        | -685         | -692                 | 11601                 | 19                   | 11620                     | 1690                         | 13310           | 50.20         |
| MUs                | 113.27      | 11.32 | 5.94 | 130.54 | 4.10 | 78.20        | 0.58  | 110.43      | 114.82      | -14.93       | -15.17               | 313.22                | 8.78                 | 322.00                    | 47.72                        | 369.72          | 50.11         |

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 30/Dec/2013**

Position as on 6.30 Hrs of 31/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.      |               |
| Koyna Unit 9            | 80       | 27/12/2013   | 08.15        |            | Continued. | Runner & Penstock Work.          |               |
| <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.                 |               |
| Uran Unit 5             | 108      | 25/11/2013   | 21.33        |            | Continued. | Gas Shortage.                    |               |
| CPP WPCL U-2            | 135      | 13/12/2013   | 13.17        |            | Continued. | ID Fan problem                   |               |
| Koradi Unit 5           | 200      | 19/12/2013   | 01.29        |            | Continued. | I D Fan Problem.                 |               |
| Uran Unit 7             | 108      | 19/12/2013   | 12.21        |            | Continued. | Gas Shortage.                    |               |
| CPP WPCL U-4            | 135      | 22/12/2013   | 00:07        |            | Continued. | Generation Water Cooler Leakage. |               |
| Koradi Unit 7           | 210      | 27/12/2013   | 15.14        |            | Continued. | Boiler Tube Leakage              |               |
| Koradi Unit 6           | 210      | 27/12/2013   | 18.30        | 31/12/2013 | 03.57      | Boiler Tube Leakage              |               |
| Dabhol 3X               | 290      | 29/12/2013   | 05.47        |            | Continued. | Gas Shortage                     |               |
| Dabhol 3B               | 230      | 29/12/2013   | 06.14        |            | Continued. | Gas Shortage                     |               |
| Khaparkheda Unit 4      | 210      | 29/12/2013   | 22.41        |            | Continued. | Boiler Tube Leakage              |               |
| CPP WPCL U-1            | 135      | 31/12/2013   | 01.21        |            | Continued. | I D Fan Problem.                 |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 30/Dec/2013**

Position as on 6.30 Hrs of 31/Dec/2013

| Name of Line                         | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                                                  |
|--------------------------------------|--------------|--------------|-----------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>InterState</b>                    |              |              |                                   |                    |                                                                                                                   |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                                   |
| Borivali -Tarapur                    | 07/12/2013   | 10.15        |                                   | Continued.         | MUMBAI STRENGTHENING WORK                                                                                         |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                                                   |
| A'bad-Talegaon PG-1                  | 07/12/2013   | 10.12        |                                   | Continued.         | Over Voltage,(Ready for charging)                                                                                 |
| Kolhapur - Mapusa - II               | 29/12/2013   | 16.07        | 30/12/2013                        | 09.13              | Over Voltage                                                                                                      |
| Kolhapur-Solapur (PG) II             | 29/12/2013   | 21.39        | 30/12/2013                        | 10.22              | Over Voltage                                                                                                      |
| Dhule-Sar'Sarovar - I                | 29/12/2013   | 22.28        | 30/12/2013                        | 07.51              | Over Voltage                                                                                                      |
| Kolhapur - Mapusa - I                | 30/12/2013   | 16.27        |                                   | Continued.         | Over Voltage.                                                                                                     |
| Solapur - Solapur (PG)               | 30/12/2013   | 21.28        | 31/12/2013                        | 06.30              | Over Voltage.                                                                                                     |
| Kolhapur-Solapur(PGCIL)-I            | 30/12/2013   | 22.34        |                                   | Continued.         | Over Voltage.                                                                                                     |
| Dhule-Sar'Sarovar - I                | 30/12/2013   | 23.15        |                                   | 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 wardha-Yeotmal O/L                                                                                     |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                                                                   |
| Karad - Solapur (PGCIL)              | 29/12/2013   | 21.39        | 30/12/2013                        | 07.27              | Over Voltage                                                                                                      |
| Karad - Solapur (PGCIL)              | 31/12/2013   | 02.30        | 31/12/2013                        | 06.50              | Over Voltage.                                                                                                     |
| <b>IntraState</b>                    |              |              |                                   |                    |                                                                                                                   |
| <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.                                                         |
| Dabhol - Nagothane - I               | 12/12/2013   | 10.48        |                                   | Continued.         | Testing Work.RFC 19.10 Hrs.of 12.12.2013                                                                          |
| 400/220/33KV,500 MVA ICT-I At Kalwa  | 30/12/2013   | 11.11        | 30/12/2013                        | 12.56              | Replacement of Gear Box of 29B Isolator.LV Side of ICT Will be on TBC.                                            |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                                   |
| Pusad-Nanded                         | 05/12/2013   | 06.03        |                                   | Continued.         | 220KV Ghatodi S/S LILO Work.                                                                                      |
| Ghodbandar - Bhoisor (MSETCL)        | 07/12/2013   | 10.38        |                                   | Continued.         | MUMBAI STRENGTENING WORK                                                                                          |
| Nerul -Sonkhar                       | 25/12/2013   | 09.10        | 30/12/2013                        | 19.30              | Height raising of tower at Uran-JNPT road due to const.of Fly Over Bridge.                                        |
| Tifil-Trombay                        | 27/12/2013   | 10.35        | 30/12/2013                        | 19.02              | STRINING OF DOUBLE CKT CONDUCTOR & BUNCHING WORK                                                                  |
| Kalwa - Khargar                      | 27/12/2013   | 9.13         | 30/12/2013                        | 18.42              | stringing of double ckt conductors & bunching work                                                                |
| Talangade-Mumewadi-II                | 30/12/2013   | 09.20        | 30/12/2013                        | 17.10              | Replacement of CT By New One Under JICA-2.                                                                        |
| Ambazari-Amravati                    | 30/12/2013   | 09.44        | 30/12/2013                        | 13.37              | Quaterly Routine Maintaince.                                                                                      |
| Khaperkheda - Wardha.                | 30/12/2013   | 09.53        |                                   | Continued.         | Connection of Jumpering Work Towards the LILO Arrangement for Butibori III S/S ON 220 KV Khaperkheda Wardha Line. |
| Karad-Wathar                         | 30/12/2013   | 10.20        | 30/12/2013                        | 16.37              | Attending Oil Leakage of B Ph.CT.                                                                                 |
| C'pur-Sicom-I                        | 30/12/2013   | 11.06        | 30/12/2013                        | 14.23              | Capacitance & Tan Delta Measurment of CC & Tree Cutting Work.                                                     |
| Theur - Jejuri                       | 30/12/2013   | 11.38        | 30/12/2013                        | 15.51              | Breaker Compressor Overhauling Work.                                                                              |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                                                   |
| 400/220 KV 100 MVA                   | 12/07/2012   | 07.11        |                                   | Continued.         | Main Buchholz prot.operated                                                                                       |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 30/Dec/2013**

Position as on 6.30 Hrs of 31/Dec/2013

| Name of Line                 | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                       |
|------------------------------|--------------|--------------|---------------------------------|--------------------|----------------------------------------|
| Spare Unit @ Koradi          |              |              |                                 |                    |                                        |
| Bhusawal - Deepnagar - II    | 03/12/2013   | 12.08        | 30/12/2013                      | 13.10              | Over Voltage.                          |
| Deepnagar-Waluj I            | 03/12/2013   | 12:08        |                                 | Continued.         | Over Voltage.                          |
| Karad - Kolhapur - II        | 29/12/2013   | 16.06        |                                 | Continued.         | Over Voltage                           |
| Karad-Jaigad I               | 29/12/2013   | 16.36        | 30/12/2013                      | 09.12              | Over Voltage                           |
| Bhusawal- Aurangabad         | 29/12/2013   | 17.53        | 30/12/2013                      | 09.23              | Over Voltage                           |
| Lonikand- Koyna Stage IV     | 29/12/2013   | 21.44        | 30/12/2013                      | 08.42              | Over Voltage                           |
| Bhusawal - Deepnagar - I     | 30/12/2013   | 13.14        |                                 | Continued.         | Over Voltage.                          |
| Karad-Jaigad I               | 30/12/2013   | 17.00        |                                 | Continued.         | Over Voltage.                          |
| Lonikand- Koyna Stage IV     | 30/12/2013   | 21.05        |                                 | Continued.         | Over Voltage.                          |
| <b>Voltage Level : 220KV</b> |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                        |
| Chikhali - Jalna - I         | 17/11/2013   | 18.00        |                                 | Continued.         | To control Paras-Chikhali line loading |
| Chikhali - Jalna - II        | 17/11/2013   | 18.00        |                                 | Continued.         | To control Paras-Chikhali line loading |
| <b>Voltage Level : 400KV</b> |              |              | <b>Outage Type TRIPPED</b>      |                    |                                        |
| Dabhol - New Koyna - I       | 31/12/2013   | 02.29        | 31/12/2013                      | 06.15              | Over Voltage.                          |
| Dabhol-Nagothane - II        | 31/12/2013   | 02.29        |                                 | Continued.         | Over Voltage.                          |
| <b>Voltage Level : 220KV</b> |              |              | <b>Outage Type TRIPPED</b>      |                    |                                        |
| Talandge - Sawantwadi - II.  | 29/10/2013   | 17.30        |                                 | Continued.         | Dist Prot.                             |
| <b>Voltage Level : 132KV</b> |              |              | <b>Outage Type TRIPPED</b>      |                    |                                        |
| Telgaon - Majalgaon          | 30/12/2013   | 19.56        | 30/12/2013                      | 21.12              | Distance Protection Operated Z-I.      |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 31/Dec/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 100         |
| Unit 7             | 210                   | 0           |
|                    | <b>620</b>            | <b>100</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 140         |
| Unit 3             | 210                   | 140         |
| Unit 4             | 500                   | 387         |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>667</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 175         |
| Unit 5             | 210                   | 170         |
| Unit 6             | 250                   | 180         |
| Unit 7             | 250                   | 180         |
|                    | <b>1130</b>           | <b>705</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 140         |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 375         |
| Unit 7             | 500                   | 300         |
|                    | <b>2340</b>           | <b>1335</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 220         |
| Unit 4             | 250                   | 220         |
|                    | <b>500</b>            | <b>440</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 480         |
|                    | <b>1340</b>           | <b>990</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                   | 250         |
|                    | <b>852</b>            | <b>250</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                    | 18          |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 0           |
| BHTGR/VEER       | 21                    | 2           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 15          |
| BHANDARDRA       | 45                    | 20          |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 13          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>108</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                  | 850         |
| WARDHA           | 405                   | 120         |
| Adani            | 1980                  | 1851        |
| Other CPPs       | 300                   | 245         |
|                  | <b>3885</b>           | <b>3066</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                  | 5099        |
|                  | <b>3455</b>           | <b>5099</b> |