



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**13/Dec/2014**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 13/Dec/2014 SATURDAY**

| <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                   | 113.541        | 1551.188        | 1) Gujrat                      | -1.206         | 27.993          |
| 2) Hydro                     | 7.353          | 143.608         | 2) Madhya Pradesh              | 17.074         | 165.904         |
| 3) Gas                       | 7.505          | 102.112         | 3) Chattisgarh                 | 5.640          | 82.580          |
| <b>Total MSGENCO</b>         | <b>128.399</b> | <b>1796.908</b> | 4) Maharashtra Net             | 84.781         | 1223.134        |
| <b>B) 1) JSW JAIGAD</b>      | 23.469         | 298.005         | (Incl. 765kV Solapur-Raichur)  | -7.982         | -65.233         |
| 2) WPCL                      | 2.499          | 34.254          | 5) Goa                         | -7.174         | -81.378         |
| 3) ADANI                     | 48.800         | 651.510         | 6) TAPS 1&2 Injection          | 3.812          | 48.822          |
| 4) Other CPP / IPP           | 23.251         | 302.059         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 5) Wind Generation           | 5.398          | 79.529          | 8) Pench (Excess)              | -0.199         | -1.344          |
| 6) PENCH (MS)                | 0.199          | 1.344           |                                |                |                 |
| 7) SOLAR                     | 0.548          | 11.924          | <b># Total Cent. Sector</b>    | <b>102.728</b> | <b>1465.711</b> |
| <b>C) 1) TPCL Thermal</b>    | 15.491         | 237.069         | <b>F) Other Exchanges</b>      |                |                 |
| 2) TPCL Hydro                | 3.221          | 50.738          | 1) With TPCL (Excess)          | -28.481        | -295.373        |
| <b>TOTAL TPCL</b>            | <b>18.712</b>  | <b>287.807</b>  | <b>G) Bilateral Power *</b>    |                |                 |
| 3) REL Thermal               | 5.498          | 118.432         | 1) MSEDCL Bilateral            | 34.991         | 367.723         |
| <b>D) STATE</b>              |                |                 | Include PX                     | -0.231         | 23.498          |
| <b>1) Thermal (A1+C1+C3)</b> | 134.530        | 1906.689        | 2) MUMBAI Bilateral            | 23.720         | 267.361         |
| 2) Hydro (A2+B6+C2)          | 10.773         | 195.690         | Include PX                     | 4.878          | 31.369          |
| 3) Gas (A3)                  | 7.505          | 102.112         | 3) MUMBAI Schedule             | 24.646         | 273.236         |
| 4) Wind (B5)                 | 5.398          | 79.529          | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 5) CPP/IPP (B1+B2+B3+B4)     | 98.019         | 1285.828        | 1) MSEDCL                      | 306.810        | 4345.871        |
| 6) SOLAR (B7)                | 0.548          | 11.924          | 2) TPCL                        | 31.889         | 425.639         |
| <b>TOTAL STATE</b>           | <b>256.773</b> | <b>3581.772</b> | 3) REL                         | 20.804         | 275.246         |
|                              |                |                 | <b>TOTAL STATE</b>             | <b>359.503</b> | <b>5046.756</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 15 Hrs</b> | <b>C. Night Minimum at 3 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 4840                             | 5245                             | 4628                             |
| MSGENCO Hydro                   | 657                              | 420                              | 167                              |
| MSGENCO Gas                     | 311                              | 150                              | 400                              |
| <b>MSGENCO Total Generation</b> | <b>5808</b>                      | <b>5815</b>                      | <b>5195</b>                      |
| <b>Central Sector Receipt</b>   | <b>5031</b>                      | <b>4563</b>                      | <b>2645</b>                      |
| <b>WIND</b>                     | <b>84</b>                        | <b>128</b>                       | <b>328</b>                       |
| <b>CPP / IPP</b>                | <b>4507</b>                      | <b>4717</b>                      | <b>3521</b>                      |
| <b>SOLAR</b>                    | <b>109</b>                       | <b>61</b>                        | <b>0</b>                         |
| <b>Exchange with Mumbai</b>     | <b>-1402</b>                     | <b>-1215</b>                     | <b>-944</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>14137</b>                     | <b>14069</b>                     | <b>10745</b>                     |
| <b>Load Shedding</b>            | <b>53</b>                        | <b>56</b>                        | <b>53</b>                        |
| <b>MSEDCL DEMAND</b>            | <b>14190</b>                     | <b>14125</b>                     | <b>10798</b>                     |
| <b>TPCL GENERATION</b>          | <b>1031</b>                      | <b>1027</b>                      | <b>513</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>261</b>                       | <b>263</b>                       | <b>193</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2694</b>                      | <b>2505</b>                      | <b>1650</b>                      |
| <b>STATE DEMAND MET</b>         | <b>16831</b>                     | <b>16574</b>                     | <b>12395</b>                     |
| <b>STATE DEMAND</b>             | <b>16884</b>                     | <b>16630</b>                     | <b>12448</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.95</b>                     | <b>49.89</b>                     | <b>50.14</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 03.04 Hrs</b> | <b>49.53 Hz at 17.11 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 13/Dec/2014

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 3.87        | 44.72         | 170      | 153      | 160      |
| Unit 7           | 3.91        | 50.75         | 179      | 130      | 160      |
| Total            | 7.78        | 95.47         |          |          | 320      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 3.64        | 31.56         | 170      | 140      | 150      |
| Unit 4           | 9.30        | 115.80        | 515      | 340      | 350      |
| Unit 5           | 8.08        | 112.40        | 425      | 300      | 325      |
| Total            | 21.02       | 259.76        |          |          | 825      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 3.61        | 45.94         | 155      | 143      | 150      |
| Unit 6           | 5.37        | 65.96         | 250      | 210      | 220      |
| Unit 7           | 5.43        | 65.89         | 250      | 209      | 220      |
| Total            | 14.41       | 177.79        |          |          | 590      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 3.30        | 42.76         | 142      | 126      | 140      |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 4.20        | 56.04         | 196      | 161      | 200      |
| Unit 5           | 9.24        | 115.55        | 455      | 350      | 400      |
| Unit 6           | 8.76        | 110.90        | 405      | 339      | 400      |
| Unit 7           | 9.07        | 114.64        | 438      | 346      | 400      |
| Total            | 34.57       | 439.89        |          |          | 1540     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.80        | 64.46         | 230      | 184      | 200      |
| Unit 4           | 4.68        | 62.69         | 210      | 185      | 200      |
| Total            | 9.48        | 127.15        |          |          | 400      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.83        | 50.58         | 185      | 130      | 180      |
| Unit 2           | 3.90        | 49.27         | 175      | 130      | 180      |
| Unit 3           | 4.62        | 55.10         | 200      | 180      | 200      |
| Unit 4           | 4.77        | 55.73         | 210      | 181      | 190      |
| Unit 5           | 0.00        | 99.94         | 0        | 0        | 0        |
| Total            | 17.12       | 310.63        |          |          | 750      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.40        | 56.36         | 205      | 165      | 190      |
| Unit 4           | 0.59        | 29.14         | 152      | 0        | 0        |
| Unit 5           | 4.18        | 54.99         | 190      | 163      | 190      |
| Total            | 9.16        | 140.49        |          |          | 380      |
| Uran             |             |               |          |          |          |
| All Units        | 7.50        | 102.11        | 405      | 150      | 470      |
| Total            | 7.50        | 102.11        |          |          | 470      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.20        | 1.34          | 54       | 0        |          |
| Total            | 0.20        | 1.34          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.45        | 37.24         | 205      | 40       | 600      |
| Stage 4          | 0.00        | 27.15         | 0        | 0        | 250      |
| Stage 3          | 0.14        | 13.46         | 66       | 0        | 240      |
| Kovna 12&4 Total | 1.45        | 64.39         |          |          | 850      |

| Generating unit    | Generation   |                |                |          | OLC (MW)     |
|--------------------|--------------|----------------|----------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus)  | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>1.59</b>  | <b>77.84</b>   |                |          | <b>1090</b>  |
| <b>Hydro</b>       |              |                |                |          |              |
| KDPH               | 0.89         | 7.04           | 38             | 37       | 36           |
| VTRNA              | 1.08         | 13.52          | 61             | 0        | 61           |
| TILLARI            | 0.37         | 4.49           | 64             | 0        | 60           |
| BHTGR/VEER         | 0.00         | 0.51           | 0              | 0        | 0            |
| BHIRA T.R.         | 0.32         | 2.84           | 80             | 0        | 80           |
| RNGR+BHTSA         | 0.39         | 3.10           | 17             | 16       | 15           |
| BHANDARDRA         | 0.32         | 3.81           | 14             | 13       | 15           |
| ELDARY             | 0.33         | 2.56           | 14             | 13       | 0            |
| SMLHY PTN          | 1.07         | 14.47          | 52             | 41       | 25           |
| GHATGHAR           | 0.99         | 13.41          | 222            | 0        | 0            |
| <b>Total</b>       | <b>5.77</b>  | <b>65.76</b>   |                |          | <b>292</b>   |
| <b>Wind</b>        |              |                |                |          |              |
| MalharPeth         | 0.09         | 2.25           |                |          |              |
| Vankuswadi         | 0.12         | 4.58           |                |          |              |
| ATIT               | 0.01         | 0.49           |                |          |              |
| Kale               | 0.09         | 1.56           |                |          |              |
| Satara             | 2.27         | 34.51          |                |          |              |
| Shirala            | 0.05         | 2.32           |                |          |              |
| K Mahankal         | 0.01         | 7.14           |                |          |              |
| Supa               | 0.06         | 0.96           |                |          |              |
| Vita               | 0.58         | 7.74           |                |          |              |
| Dondaicha          | 0.78         | 8.28           |                |          |              |
| Sakri              | 0.10         | 0.75           |                |          |              |
| Nandurbar          | 0.33         | 3.18           |                |          |              |
| Khandke            | 0.82         | 3.85           |                |          |              |
| Khaparale          | 0.09         | 1.91           |                |          |              |
| <b>Total</b>       | <b>5.40</b>  | <b>79.53</b>   |                |          |              |
| <b>CPP</b>         |              |                |                |          |              |
| JSW JAIGAD         | 23.47        | 298.00         | 1249           | 748      | 1143         |
| WARDHA             | 2.50         | 34.25          | 110            | 93       | 118          |
| Adani              | 48.80        | 651.51         | 2340           | 1550     | 2359         |
| Other CPPs         | 23.25        | 302.06         |                |          | 665          |
| <b>Total</b>       | <b>98.02</b> | <b>1285.83</b> |                |          | <b>4285</b>  |
| <b>SOLAR</b>       |              |                |                |          |              |
| Total              | 0.55         | 11.92          |                |          |              |
| <b>Total</b>       | <b>0.55</b>  | <b>11.92</b>   |                |          |              |
| <b>Tata</b>        |              |                |                |          |              |
| Trombay 4          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 5          | 9.98         | 132.04         | 493            | 315      | 500          |
| Trombay 6          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 7A         | 0.00         | 24.33          | 0              | 0        | 0            |
| Trombay 7B         | 0.00         | 15.56          | 0              | 0        | 0            |
| Trombay 8          | 5.51         | 65.13          | 252            | 196      | 250          |
| TATA Hydro         | 3.22         | 50.74          | 299            | 0        | 447          |
| <b>Total</b>       | <b>18.71</b> | <b>287.81</b>  |                |          | <b>1197</b>  |
| <b>REL</b>         |              |                |                |          |              |
| 1&2                | 5.50         | 118.43         | 263            | 191      | 250          |
| <b>Total</b>       | <b>5.50</b>  | <b>118.43</b>  |                |          | <b>250</b>   |
| <b>Cent Sect</b>   |              |                |                |          |              |
| Share              |              |                |                |          | 5893         |
| <b>Total</b>       |              |                |                |          | <b>5893</b>  |
| MS PG CL           | Thermal      | 113.54         | 1551.19        |          | 4805         |
|                    | Thml+Gas     | 121.05         | 1653.30        |          | 5275         |
|                    | Hydro        | 7.35           | 143.61         |          | 1382         |
|                    | <b>Total</b> | <b>128.40</b>  | <b>1796.91</b> |          | <b>6657</b>  |
| <b>State Total</b> |              | <b>256.77</b>  | <b>3581.77</b> |          | <b>18282</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 13/Dec/2014

| TIME<br>SR.<br>NO. | MSPGCL GEN. |      |      | TOTAL  | WIND | CPP /<br>IPP | SOLAR | CS<br>SHARE | CS<br>RECPT | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEM.<br>MET | LOAD<br>SHEDDI<br>NG | MSEDCL<br>DEM.<br>WITH LS | TPCL + R<br>-INFRA<br>DEMAND | STATE<br>DEMAND | FREQ.<br>(Hz) |
|--------------------|-------------|------|------|--------|------|--------------|-------|-------------|-------------|--------------|----------------------|-----------------------|----------------------|---------------------------|------------------------------|-----------------|---------------|
|                    | THM         | HY   | GAS  |        |      |              |       |             |             |              |                      |                       |                      |                           |                              |                 |               |
| 1                  | 4602        | 227  | 398  | 5227   | 506  | 3361         | 0     | 3720        | 3323        | -848         | -1142                | 11275                 | 83                   | 11358                     | 1970                         | 13328           | 50.03         |
| 2                  | 4618        | 162  | 400  | 5180   | 382  | 3435         | 0     | 3633        | 3143        | -718         | -1083                | 11057                 | 53                   | 11110                     | 1791                         | 12901           | 50.06         |
| 3                  | 4628        | 167  | 400  | 5195   | 328  | 3521         | 0     | 3522        | 2645        | -654         | -944                 | 10745                 | 53                   | 10798                     | 1650                         | 12448           | 50.14         |
| 4                  | 4559        | 183  | 404  | 5146   | 333  | 3503         | 0     | 3501        | 2795        | -599         | -871                 | 10906                 | 53                   | 10959                     | 1579                         | 12538           | 50.24         |
| 5                  | 4547        | 163  | 401  | 5111   | 250  | 3509         | 0     | 3706        | 3095        | -601         | -868                 | 11097                 | 53                   | 11150                     | 1577                         | 12727           | 50.19         |
| 6                  | 4518        | 168  | 405  | 5091   | 249  | 3526         | 0     | 4349        | 3985        | -693         | -930                 | 11921                 | 53                   | 11974                     | 1641                         | 13615           | 50.04         |
| 7                  | 4541        | 163  | 322  | 5026   | 221  | 3566         | 1     | 4980        | 4800        | -751         | -1003                | 12611                 | 53                   | 12664                     | 1749                         | 14413           | 49.93         |
| 8                  | 4589        | 372  | 323  | 5284   | 224  | 3933         | 5     | 5006        | 4933        | -791         | -1007                | 13372                 | 53                   | 13425                     | 1846                         | 15271           | 49.95         |
| 9                  | 4741        | 246  | 322  | 5309   | 175  | 4140         | 20    | 5316        | 4810        | -920         | -1035                | 13419                 | 53                   | 13472                     | 2065                         | 15537           | 49.83         |
| 10                 | 4648        | 306  | 322  | 5276   | 188  | 4385         | 38    | 5597        | 5161        | -1008        | -1253                | 13825                 | 53                   | 13878                     | 2376                         | 16254           | 49.81         |
| 11                 | 4634        | 395  | 321  | 5350   | 122  | 4386         | 68    | 5521        | 5192        | -1215        | -1307                | 13818                 | 53                   | 13871                     | 2604                         | 16475           | 49.88         |
| 12                 | 4840        | 657  | 311  | 5808   | 84   | 4507         | 109   | 5393        | 5031        | -1310        | -1402                | 14137                 | 53                   | 14190                     | 2694                         | 16884           | 49.95         |
| 13                 | 5192        | 400  | 308  | 5900   | 72   | 4649         | 96    | 5122        | 4765        | -1312        | -1408                | 14074                 | 109                  | 14183                     | 2665                         | 16848           | 49.96         |
| 14                 | 5251        | 458  | 306  | 6015   | 67   | 4681         | 64    | 4959        | 4439        | -1253        | -1242                | 14024                 | 56                   | 14080                     | 2513                         | 16593           | 49.99         |
| 15                 | 5245        | 420  | 150  | 5815   | 128  | 4717         | 61    | 4955        | 4563        | -1252        | -1215                | 14069                 | 56                   | 14125                     | 2505                         | 16630           | 49.89         |
| 16                 | 4845        | 362  | 150  | 5357   | 104  | 4704         | 54    | 5395        | 4997        | -1251        | -1215                | 14055                 | 56                   | 14111                     | 2484                         | 16595           | 49.91         |
| 17                 | 4754        | 258  | 150  | 5162   | 144  | 4699         | 25    | 5205        | 4608        | -1235        | -1159                | 13533                 | 56                   | 13589                     | 2448                         | 16037           | 49.89         |
| 18                 | 4688        | 243  | 202  | 5133   | 167  | 4477         | 7     | 4955        | 4696        | -1221        | -1175                | 13328                 | 56                   | 13384                     | 2452                         | 15836           | 49.85         |
| 19                 | 4764        | 442  | 309  | 5515   | 223  | 4399         | 0     | 5090        | 4805        | -1297        | -1320                | 13647                 | 56                   | 13703                     | 2569                         | 16272           | 49.96         |
| 20                 | 4797        | 593  | 310  | 5700   | 205  | 4291         | 0     | 5094        | 4685        | -1194        | -1405                | 13482                 | 56                   | 13538                     | 2560                         | 16098           | 49.94         |
| 21                 | 4619        | 291  | 311  | 5221   | 282  | 4031         | 0     | 5003        | 4760        | -1221        | -1427                | 12867                 | 56                   | 12923                     | 2451                         | 15374           | 49.99         |
| 22                 | 4655        | 223  | 313  | 5191   | 304  | 3900         | 0     | 4306        | 3928        | -1156        | -1345                | 11978                 | 56                   | 12034                     | 2273                         | 14307           | 50.03         |
| 23                 | 4653        | 224  | 313  | 5190   | 343  | 3822         | 0     | 4103        | 3974        | -1108        | -1429                | 11900                 | 56                   | 11956                     | 2228                         | 14184           | 50.01         |
| 24                 | 4613        | 230  | 354  | 5197   | 297  | 3877         | 0     | 3898        | 3595        | -1037        | -1296                | 11670                 | 56                   | 11726                     | 2001                         | 13727           | 50.13         |
| MUs                | 113.54      | 7.35 | 7.50 | 128.40 | 5.40 | 98.02        | 0.55  | 112.33      | 102.73      | -24.65       | -28.48               | 306.81                | 1.39                 | 308.20                    | 52.69                        | 360.89          | 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 13/Dec/2014**

Position as on 6.30 Hrs of 14/Dec/2014

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                           | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|--------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                            |               |
| Parli Unit 3            | 210      | 13/02/2013   | 23.50        |            | Continued. | Water Shortage                             |               |
| Koyna Unit 11           | 80       | 23/09/2014   | 02.30        |            | Continued. | Stator Earth Fault                         |               |
| Cent_Sect Tarapur 1     | 160      | 12/10/2014   | 22.39        |            | Continued. | Refuelling work.(60Days)                   |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                            |               |
| Dabhol 1B               | 230      | 28/05/2013   | 22.02        |            | Continued. | Gas shortage.                              |               |
| Dabhol 3A               | 230      | 06/06/2013   | 08.28        |            | Continued. | Gas Shortage                               |               |
| Dabhol 2A               | 230      | 06/06/2013   | 09.10        |            | Continued. | Gas Shortage                               |               |
| Dabhol 1X               | 290      | 27/06/2013   | 21.46        |            | Continued. | Gas Shortage                               |               |
| Dabhol 1A               | 230      | 27/06/2013   | 21.47        |            | Continued. | Gas Shortage                               |               |
| Dabhol 2X               | 290      | 15/07/2013   | 15.09        |            | Continued. | Gas Shortage                               |               |
| Dabhol 2B               | 230      | 08/08/2013   | 15.03        |            | Continued. | Gas Shortage                               |               |
| Dabhol 3X               | 290      | 29/12/2013   | 05.47        |            | Continued. | Gas Shortage                               |               |
| Dabhol 3B               | 230      | 29/12/2013   | 06.14        |            | Continued. | Gas Shortage                               |               |
| CPP WPCL U-2            | 135      | 18/02/2014   | 00.02        |            | Continued. | Ash Conveying problem                      |               |
| CPP Dhariwal            | 300      | 28/05/2014   | 02.27        |            | Continued. | PA Fan Vibration Problem. (U-1).           |               |
| Koradi Unit 5           | 200      | 17/06/2014   | 11.53        |            | Continued. | economic shutdown                          |               |
| Chandrapur Unit 1       | 210      | 28/08/2014   | 07.15        |            | Continued. | economic shutdown                          |               |
| Bhusawal Unit 2         | 210      | 13/09/2014   | 12.43        |            | Continued. | Economic shutdown                          |               |
| Parli Unit 4            | 210      | 13/10/2014   | 10.49        |            | Continued. | Coal Shortage.                             |               |
| CPP WPCL U-1            | 135      | 30/10/2014   | 00.43        |            | Continued. | ESP Bag Filter Damaged                     |               |
| CPP IPL U-2             | 270      | 30/10/2014   | 16.16        |            | Continued. | Gen.Diff.Protection operated               |               |
| CPP WPCL U-4            | 135      | 01/11/2014   | 00.19        |            | Continued. | Withdrawn                                  |               |
| Chandrapur Unit 3       | 210      | 12/11/2014   | 20.58        |            | Continued. | Coal Shortage.                             |               |
| Tata Trombay 6          | 500      | 21/11/2014   | 21.11        |            | Continued. | Economic Shut Down                         |               |
| Uran Unit 8             | 108      | 26/11/2014   | 00.02        |            | Continued. | Gas Shortage                               |               |
| Nasik Unit 4            | 210      | 07/12/2014   | 22.00        | 13/12/2014 | 18.28      | ID fan problem                             |               |
| REL 2                   | 250      | 08/12/2014   | 05.21        |            | Continued. | over speed protection                      |               |
| CPP Adani U1            | 660      | 08/12/2014   | 14.45        |            | Continued. | Uproting of turbine steam chest drain line |               |
| Tata Trombay 7B         | 60       | 11/12/2014   | 20.39        |            | Continued. | Mandatory Gas Path Inspection.             |               |
| Tata Trombay 7A         | 120      | 11/12/2014   | 21.51        |            | Continued. | Mandatory Gas Path Inspection.             |               |
| Uran Unit 5             | 108      | 13/12/2014   | 05.57        | 13/12/2014 | 23.12      | Gas Shortage                               |               |
| Koyna Unit 4            | 75       | 13/12/2014   | 07.20        | 13/12/2014 | 17.45      | P.M.Work                                   |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 13/Dec/2014**

Position as on 6.30 Hrs of 14/Dec/2014

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|------------------|---------------|
| Uran Unit 7             | 108      | 13/12/2014   | 14.27        | 13/12/2014 | 16.24      | Gas Shortage     |               |
| Uran Unit B0            | 120      | 13/12/2014   | 14.27        | 13/12/2014 | 18.01      | Gas Shortage     |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 13/Dec/2014**

Position as on 6.30 Hrs of 14/Dec/2014

| Name of Line                           | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                 |
|----------------------------------------|--------------|--------------|-----------------------------------|-------------------|--------------------------------------------------|
| <b>InterState</b>                      |              |              |                                   |                   |                                                  |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                  |
| Tarapur - Borivali                     | 21/11/2014   | 14.51        |                                   | Continued.        | Mumbai Strengthening work.                       |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                  |
| Kolhapur - Mapusa - II                 | 12/12/2014   | 16.43        |                                   | Continued.        | Over Voltage                                     |
| Dhule-Sar'Sarovar - II                 | 12/12/2014   | 17.41        | 13/12/2014                        | 09.51             | Over Voltage                                     |
| Dhule-Sar'Sarovar - I                  | 13/12/2014   | 20.20        |                                   | Continued.        | Over Voltage                                     |
| Kolhapur - Mapusa - I                  | 13/12/2014   | 20.39        | 14/12/2014                        | 08.20             | Over Voltage                                     |
| Kolhapur - Mapusa - I                  | 14/12/2014   | 16.34        |                                   | Continued.        | Over Voltage                                     |
| Dhule-Sar'Sarovar - II                 | 14/12/2014   | 23.56        |                                   | Continued.        | over voltage                                     |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                  |
| Dabhol-Nagothane-II                    | 13/12/2014   | 00.00        |                                   | Continued.        | Over Voltage                                     |
| <b>IntraState</b>                      |              |              |                                   |                   |                                                  |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                  |
| 400/220 KV 315 MVA ICT-II @ Nagothane. | 12/11/2014   | 13.02        |                                   | Continued.        | Shifted to TBC for BKR overloading.              |
| 400/220 KV 500 MVA ICT - I @ Warora    | 23/11/2014   | 08.10        |                                   | Continued.        | Leakage in Nitrogen Cylinder of B Ph CTR System. |
| 400/220KV 315 MVA ICT-II @ Padgha      | 12/12/2014   | 08.19        | 13/12/2014                        | 19.06             | Repl.of T/F Cooling system                       |
| 400 KV Main Bus-I @ Akola              | 13/12/2014   | 07.45        | 13/12/2014                        | 19.28             | Annual Maint.work                                |
| 400/220KV 315MVA ICT-II @ BBLSR        | 13/12/2014   | 10.42        | 13/12/2014                        | 19.07             | Hot Spot                                         |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                  |
| Borivali-Ghodbandar                    | 25/11/2014   | 10.43        |                                   | Continued.        | Erection & Stringing Work.                       |
| Ghodbandar - Bhoisor (MSETCL)          | 25/11/2014   | 11.36        |                                   | Continued.        | Erection & Stringing Work.                       |
| 220/132 KV 200 MVA ICT-II @ Nagar.     | 13/12/2014   | 09.10        | 13/12/2014                        | 15.16             | Q.M.Work                                         |
| Khaparkhedha-Kawlewada-I               | 13/12/2014   | 09.12        | 13/12/2014                        | 16.08             | Repl.of E/W                                      |
| 220/132KV 200MVA ICT I at Kanhan       | 13/12/2014   | 09.25        | 13/12/2014                        | 12.50             | DC leakage in DSR PH.                            |
| Nasik - Airoli - Knowledge Park        | 13/12/2014   | 09.56        | 13/12/2014                        | 20.27             | CB Mechanism overhauling and Maint.              |
| Pedambe-Newkoyna                       | 13/12/2014   | 11.12        | 13/12/2014                        | 14.40             | Red Hot                                          |
| Dahanu-Bhoisor                         | 14/12/2014   | 08.02        | 14/12/2014                        | 09.26             | Comissioning of New Bus Bar Protection at DTPS   |
| Dahanu - Ghodbandar - I                | 14/12/2014   | 09.32        | 14/12/2014                        | 10.28             | Comissioning of New Bus Bar Protection at DTPS   |
| Dahanu-Versova                         | 14/12/2014   | 11.13        | 14/12/2014                        | 12.11             | Comissioning of New Bus Bar Protection at DTPS   |
| Dahanu-Ghodbandar-II                   | 14/12/2014   | 12.20        | 14/12/2014                        | 17.49             | Comissioning of New Bus Bar Protection at DTPS   |
| Bus-Coupler @ Dahanu                   | 14/12/2014   | 12.42        | 14/12/2014                        | 17.09             | Comissioning of New Bus Bar Protection at DTPS   |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                  |
| Bhusawal- Aurangabad                   | 11/12/2014   | 17.16        | 14/12/2014                        | 07.24             | Over Voltage.                                    |
| Karad - Kolhapur - II                  | 12/12/2014   | 16.26        | 13/12/2014                        | 09.14             | Over Voltage                                     |
| Karad-Jaigad I                         | 12/12/2014   | 19.22        | 13/12/2014                        | 09.25             | Over Voltage                                     |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 13/Dec/2014**

Position as on 6.30 Hrs of 14/Dec/2014

| Name of Line                         | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage         |
|--------------------------------------|--------------|--------------|---------------------------------|--------------------|--------------------------|
| Lonikand- Koyna Stage IV             | 12/12/2014   | 20.57        | 13/12/2014                      | 06.53              | Over Voltage             |
| Karad - Kolhapur - I                 | 13/12/2014   | 16.51        |                                 | Continued.         | Over Voltage             |
| Karad-Jaigad I                       | 13/12/2014   | 20.56        | 14/12/2014                      | 09.37              | Over Voltage             |
| Lonikand- Koyna Stage IV             | 13/12/2014   | 22.12        | 14/12/2014                      | 09.38              | Over Voltage             |
| Karad-Jaigad I                       | 14/12/2014   | 16.37        |                                 | Continued.         | Over Voltage             |
| Bhusawal- Aurangabad                 | 14/12/2014   | 17.12        |                                 | Continued.         | Over Voltage             |
| Lonikand- Koyna Stage IV             | 14/12/2014   | 20.23        |                                 | Continued.         | Over Voltage             |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                          |
| Khaperkheda - Koradi                 | 13/12/2014   | 05.47        | 13/12/2014                      | 14.08              | Distance Protection      |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                    |                          |
| 400/220 KV 315 MVA ICT-I @ Nagothane | 12/12/2014   | 23.50        | 13/12/2014                      | 03.21              | Tripped on NDR           |
| New Koyna - Dabhol - I               | 13/12/2014   | 03.02        |                                 | Continued.         | Over Voltage             |
| 400/220kv 315MVA ICT-2 @ Bhusawal    | 14/12/2014   | 14.47        | 14/12/2014                      | 22.32              | B-PH LA BRUST AT HV SIDE |
| Karad - Kolhapur - II                | 14/12/2014   | 23.57        |                                 | Continued.         | over voltage             |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                    |                          |
| 220/110KV 200MVA ICT-III at Borivali | 21/09/2014   | 09.16        |                                 | Continued.         | monkey fault             |
| 220/100KV,200 MVA ICT-II at Trombay. | 13/12/2014   | 02.07        | 13/12/2014                      | 10.19              | Tripped on Diferential   |
| Padegaon - Sawangi                   | 13/12/2014   | 02.15        | 13/12/2014                      | 02.48              | Distance Protection      |
| Aarey-Versova                        | 13/12/2014   | 02.17        | 13/12/2014                      | 05.45              | Distance Protection      |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                    |                          |
| Parbhani-Parthur                     | 13/12/2014   | 18.28        | 13/12/2014                      | 18.34              | Distance Protection      |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 14/Dec/2014

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 160         |
| Unit 7             | 210                   | 165         |
|                    | <b>620</b>            | <b>325</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 150         |
| Unit 4             | 500                   | 350         |
| Unit 5             | 500                   | 325         |
|                    | <b>1420</b>           | <b>825</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 155         |
| Unit 6             | 250                   | 208         |
| Unit 7             | 250                   | 209         |
|                    | <b>1130</b>           | <b>572</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 140         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1540</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 200         |
| Unit 4             | 250                   | 200         |
|                    | <b>500</b>            | <b>400</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 0           |
|                    | <b>1340</b>           | <b>750</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                   | 470         |
|                    | <b>852</b>            | <b>470</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                    | 36          |
| VTRNA              | 60                    | 61          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 0           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 15          |
| BHANDARDRA       | 45                    | 15          |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 25          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>292</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                  | 1095        |
| WARDHA           | 405                   | 110         |
| Adani            | 2640                  | 2359        |
| Other CPPs       | 300                   | 665         |
|                  | <b>4545</b>           | <b>4229</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                   | 0           |
| Trombay 7B       | 60                    | 0           |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1197</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 250         |
|                  | <b>500</b>            | <b>250</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 5106        |
|                  | <b>3455</b>           | <b>5106</b> |

|  |              |              |
|--|--------------|--------------|
|  | <b>21940</b> | <b>17616</b> |
|--|--------------|--------------|