



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**01/Feb/2014**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 01/Feb/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                      | 123.866        | 123.866        | 1) Gujrat                      | 3.824          | 3.824          |
| 2) Hydro                        | 15.129         | 15.129         | 2) Madhya Pradesh              | 17.427         | 17.427         |
| 3) Gas                          | 7.488          | 7.488          | 3) Chattisgarh                 | 8.960          | 8.960          |
| <b>Total MSGENCO</b>            | <b>146.483</b> | <b>146.483</b> | 4) Maharashtra Net             | 86.340         | 86.340         |
| <b>B) 1) JSW JAIGAD</b>         | 18.890         | 18.890         | (Incl. 765kV Solapur-Raichur)  | -0.924         | -0.924         |
| 2) WPCL                         | 2.522          | 2.522          | 5) Goa                         | -5.246         | -5.246         |
| 3) ADANI                        | 27.970         | 27.970         | 6) TAPS 1&2 Injection          | 4.183          | 4.183          |
| 4) Other CPP / IPP              | 14.575         | 14.575         | 7) RGPPL Injection             | 0.000          | 0.000          |
| 5) Wind Generation              | 6.867          | 6.867          | 8) Pench (Excess)              | -0.354         | -0.354         |
| 6) PENCH (MS)                   | 0.354          | 0.354          | <b># Total Cent. Sector</b>    | <b>115.134</b> | <b>115.134</b> |
| 7) SOLAR                        | 1.111          | 1.111          | <b>F) Other Exchanges</b>      |                |                |
| <b>C) 1) TPCL Thermal</b>       | 14.862         | 14.862         | 1) With TPCL (Excess)          | -17.151        | -17.151        |
| 2) TPCL Hydro                   | 4.367          | 4.367          | <b>G) Bilateral Power *</b>    |                |                |
| <b>TOTAL TPCL</b>               | <b>19.229</b>  | <b>19.229</b>  | 1) MSEDCL Bilateral            | 14.355         | 14.355         |
| 3) REL Thermal                  | 11.657         | 11.657         | Include PX                     | 0.000          | 0.000          |
| <b>D) STATE</b>                 |                |                | 2) MUMBAI Bilateral            | 13.570         | 13.570         |
| <b>1) Thermal (A1+C1+C3)</b>    | 150.385        | 150.385        | Include PX                     | 5.146          | 5.146          |
| <b>2) Hydro (A2+B6+C2)</b>      | 19.850         | 19.850         | 3) MUMBAI Schedule             | 13.570         | 13.570         |
| <b>3) Gas (A3)</b>              | 7.488          | 7.488          | <b>H) ENERGY CATERED (MUs)</b> |                |                |
| <b>4) Wind (B5)</b>             | 6.867          | 6.867          | 1) MSEDCL                      | 316.755        | 316.755        |
| <b>5) CPP/IPP (B1+B2+B3+B4)</b> | 63.957         | 63.957         | 2) TPCL                        | 30.738         | 30.738         |
| <b>6) SOLAR (B7)</b>            | 1.111          | 1.111          | 3) REL                         | 17.297         | 17.297         |
| <b>TOTAL STATE</b>              | <b>249.658</b> | <b>249.658</b> | <b>TOTAL STATE</b>             | <b>364.790</b> | <b>364.790</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 4 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 5315                             | 5348                             | 4794                             |
| MSGENCO Hydro                   | 1301                             | 1418                             | 146                              |
| MSGENCO Gas                     | 296                              | 302                              | 330                              |
| <b>MSGENCO Total Generation</b> | <b>6912</b>                      | <b>7068</b>                      | <b>5270</b>                      |
| <b>Central Sector Receipt</b>   | 5175                             | 5093                             | 4251                             |
| <b>WIND</b>                     | 242                              | 87                               | 454                              |
| <b>CPP / IPP</b>                | 2843                             | 2837                             | 2274                             |
| <b>SOLAR</b>                    | 145                              | 64                               | 0                                |
| <b>Exchange with Mumbai</b>     | -793                             | -772                             | -471                             |
| <b>MSEDCL DEMAND MET</b>        | 14550                            | 14403                            | 11778                            |
| <b>Load Shedding</b>            | 869                              | 578                              | 6                                |
| <b>MSEDCL DEMAND</b>            | <b>15419</b>                     | <b>14981</b>                     | <b>11784</b>                     |
| <b>TPCL GENERATION</b>          | 1164                             | 992                              | 496                              |
| <b>R-INFRA GENERATION</b>       | 525                              | 523                              | 393                              |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2482</b>                      | <b>2287</b>                      | <b>1360</b>                      |
| <b>STATE DEMAND MET</b>         | <b>17032</b>                     | <b>16690</b>                     | <b>13138</b>                     |
| <b>STATE DEMAND</b>             | <b>17901</b>                     | <b>17268</b>                     | <b>13144</b>                     |
| <b>Frequency (Hz)</b>           | 50.00                            | 50.01                            | 50.02                            |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.32 Hz at 17:55 Hrs</b> | <b>49.67 Hz at 18:33 Hrs</b> | <b>50.01</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 01/Feb/2014

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.59        | 3.59          | 160      | 140      | 145      |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 7           | 3.55        | 3.55          | 180      | 120      | 150      |
| Total            | 7.14        | 7.14          |          |          | 295      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.62        | 3.62          | 165      | 130      | 140      |
| Unit 3           | 4.02        | 4.02          | 175      | 155      | 160      |
| Unit 4           | 10.57       | 10.57         | 505      | 350      | 457      |
| Unit 5           | 8.09        | 8.09          | 385      | 280      | 301      |
| Total            | 26.29       | 26.29         |          |          | 1058     |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 3.99        | 3.99          | 178      | 149      | 160      |
| Unit 6           | 5.26        | 5.26          | 250      | 178      | 190      |
| Unit 7           | 5.24        | 5.24          | 250      | 186      | 200      |
| Total            | 14.50       | 14.50         |          |          | 550      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.22        | 3.22          | 139      | 130      | 140      |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 3.39        | 3.39          | 172      | 116      | 150      |
| Unit 4           | 4.31        | 4.31          | 200      | 168      | 210      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 9.74        | 9.74          | 435      | 368      | 425      |
| Unit 7           | 7.02        | 7.02          | 360      | 254      | 350      |
| Total            | 27.68       | 27.68         |          |          | 1275     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.10        | 5.10          | 236      | 184      | 220      |
| Unit 4           | 5.37        | 5.37          | 250      | 197      | 250      |
| Total            | 10.47       | 10.47         |          |          | 470      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.74        | 3.74          | 180      | 135      | 180      |
| Unit 2           | 3.10        | 3.10          | 155      | 100      | 170      |
| Unit 3           | 3.45        | 3.45          | 195      | 15       | 190      |
| Unit 4           | 4.35        | 4.35          | 202      | 165      | 200      |
| Unit 5           | 10.45       | 10.45         | 480      | 380      | 500      |
| Total            | 25.09       | 25.09         |          |          | 1240     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.14        | 4.14          | 180      | 165      | 180      |
| Unit 4           | 4.29        | 4.29          | 188      | 168      | 190      |
| Unit 5           | 4.27        | 4.27          | 189      | 167      | 190      |
| Total            | 12.69       | 12.69         |          |          | 560      |
| Uran             |             |               |          |          |          |
| All Units        | 7.49        | 7.49          | 331      | 294      | 320      |
| Total            | 7.49        | 7.49          |          |          | 320      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.35        | 0.35          | 40       | 0        | 0        |
| Total            | 0.35        | 0.35          |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.70        | 2.70          | 370      | 40       | 600      |
| Stage 4          | 5.48        | 5.48          | 753      | 0        | 250      |
| Stage 3          | 2.23        | 2.23          | 240      | 0        | 320      |
| Kovna 12&4 Total | 8.18        | 8.18          |          |          | 850      |

| Generating unit    | Generation   |               |               |          | OLC (MW)     |
|--------------------|--------------|---------------|---------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus) | Max (MW)      | Min (MW) |              |
| <b>Total</b>       | <b>10.41</b> | <b>10.41</b>  |               |          | <b>1170</b>  |
| <b>Hydro</b>       |              |               |               |          |              |
| KDPH               | 0.45         | 0.45          | 19            | 18       | 18           |
| VTRNA              | 0.00         | 0.00          | 0             | 0        | 0            |
| TILLARI            | 0.44         | 0.44          | 63            | 0        | 60           |
| BHTGR/VEER         | 0.06         | 0.06          | 3             | 2        | 3            |
| BHIRA T.R.         | 0.00         | 0.00          | 0             | 0        | 0            |
| RNGR+BHTSA         | 0.38         | 0.38          | 16            | 15       | 17           |
| BHANDARDRA         | 0.14         | 0.14          | 46            | 0        | 30           |
| ELDARY             | 0.36         | 0.36          | 15            | 15       | 0            |
| SMLHY PTN          | 0.71         | 0.71          | 37            | 27       | 25           |
| GHATGHAR           | 2.17         | 2.17          | 293           | 0        | 0            |
| <b>Total</b>       | <b>4.72</b>  | <b>4.72</b>   |               |          | <b>153</b>   |
| <b>Wind</b>        |              |               |               |          |              |
| MalharPeth         | 0.20         | 0.20          |               |          |              |
| Vankuswadi         | 0.35         | 0.35          |               |          |              |
| ATIT               | 0.04         | 0.04          |               |          |              |
| Kale               | 0.12         | 0.12          |               |          |              |
| Satara             | 2.30         | 2.30          |               |          |              |
| Shirala            | 0.14         | 0.14          |               |          |              |
| K Mahankal         | 0.03         | 0.03          |               |          |              |
| Supa               | 0.11         | 0.11          |               |          |              |
| Vita               | 1.29         | 1.29          |               |          |              |
| Dondaicha          | 1.45         | 1.45          |               |          |              |
| Sakri              | 0.15         | 0.15          |               |          |              |
| Nandurbar          | 0.09         | 0.09          |               |          |              |
| Khandke            | 0.32         | 0.32          |               |          |              |
| Khaparale          | 0.29         | 0.29          |               |          |              |
| <b>Total</b>       | <b>6.87</b>  | <b>6.87</b>   |               |          |              |
| <b>CPP</b>         |              |               |               |          |              |
| JSW JAIGAD         | 18.89        | 18.89         | 908           | 584      | 821          |
| WARDHA             | 2.52         | 2.52          | 109           | 101      | 105          |
| Adani              | 27.97        | 27.97         | 1230          | 920      | 1241         |
| Other CPPs         | 14.58        | 14.58         |               |          | 238          |
| <b>Total</b>       | <b>63.96</b> | <b>63.96</b>  |               |          | <b>2405</b>  |
| <b>SOLAR</b>       |              |               |               |          |              |
| Total              | 1.11         | 1.11          |               |          |              |
| <b>Total</b>       | <b>1.11</b>  | <b>1.11</b>   |               |          |              |
| <b>Tata</b>        |              |               |               |          |              |
| Trombay 4          | 0.00         | 0.00          | 0             | 0        | 0            |
| Trombay 5          | 10.27        | 10.27         | 502           | 314      | 500          |
| Trombay 6          | 0.00         | 0.00          | 0             | 0        | 0            |
| Trombay 7A         | 2.92         | 2.92          | 128           | 115      | 120          |
| Trombay 7B         | 1.66         | 1.66          | 71            | 67       | 60           |
| Trombay 8          | 0.00         | 0.00          | 0             | 0        | 0            |
| TATA Hydro         | 4.37         | 4.37          | 471           | 0        | 447          |
| <b>Total</b>       | <b>19.23</b> | <b>19.23</b>  |               |          | <b>1127</b>  |
| <b>REL</b>         |              |               |               |          |              |
| 1&2                | 11.66        | 11.66         | 525           | 386      | 500          |
| <b>Total</b>       | <b>11.66</b> | <b>11.66</b>  |               |          | <b>500</b>   |
| <b>Cent Sect</b>   |              |               |               |          |              |
| Share              |              |               |               |          | 5154         |
| <b>Total</b>       |              |               |               |          | <b>5154</b>  |
| MS PG CL           | Thermal      | 123.87        | 123.87        |          | 5448         |
|                    | Thml+Gas     | 131.35        | 131.35        |          | 5768         |
|                    | Hydro        | 15.13         | 15.13         |          | 1323         |
|                    | <b>Total</b> | <b>146.48</b> | <b>146.48</b> |          | <b>7091</b>  |
| <b>State Total</b> |              | <b>249.66</b> | <b>249.66</b> |          | <b>16277</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 01/Feb/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                  | 4939        | 163   | 331  | 5433   | 373  | 2337         | 0     | 4548        | 4288        | -505         | -698                 | 11733                 | 9                    | 11742                     | 1594                         | 13336           | 50.00         |
| 2                  | 4877        | 164   | 330  | 5371   | 457  | 2372         | 0     | 4501        | 4318        | -458         | -567                 | 11951                 | 9                    | 11960                     | 1462                         | 13422           | 50.12         |
| 3                  | 4842        | 131   | 331  | 5304   | 447  | 2320         | 0     | 4483        | 4171        | -440         | -502                 | 11740                 | 90                   | 11830                     | 1391                         | 13221           | 50.02         |
| 4                  | 4794        | 146   | 330  | 5270   | 454  | 2274         | 0     | 4477        | 4251        | -434         | -471                 | 11778                 | 6                    | 11784                     | 1360                         | 13144           | 50.02         |
| 5                  | 4834        | 132   | 327  | 5293   | 479  | 2367         | 0     | 4477        | 4465        | -434         | -472                 | 12132                 | 3                    | 12135                     | 1361                         | 13496           | 50.02         |
| 6                  | 5093        | 137   | 324  | 5554   | 390  | 2623         | 0     | 4514        | 4302        | -477         | -475                 | 12415                 | 36                   | 12451                     | 1467                         | 13918           | 50.03         |
| 7                  | 5305        | 143   | 323  | 5771   | 461  | 2715         | 0     | 4544        | 4501        | -344         | -413                 | 13058                 | 566                  | 13624                     | 1624                         | 15248           | 50.00         |
| 8                  | 5321        | 559   | 323  | 6203   | 440  | 2735         | 9     | 4745        | 5011        | -508         | -418                 | 14003                 | 769                  | 14772                     | 1744                         | 16516           | 49.99         |
| 9                  | 5274        | 1320  | 309  | 6903   | 446  | 2840         | 44    | 4536        | 4616        | -421         | -395                 | 14494                 | 742                  | 15236                     | 1974                         | 17210           | 49.93         |
| 10                 | 5280        | 1502  | 300  | 7082   | 408  | 2860         | 112   | 4802        | 4926        | -608         | -565                 | 14850                 | 655                  | 15505                     | 2257                         | 17762           | 49.90         |
| 11                 | 5292        | 1462  | 296  | 7050   | 392  | 2857         | 129   | 5071        | 5018        | -721         | -771                 | 14715                 | 723                  | 15438                     | 2444                         | 17882           | 49.93         |
| 12                 | 5315        | 1301  | 296  | 6912   | 242  | 2843         | 145   | 5096        | 5175        | -751         | -793                 | 14550                 | 869                  | 15419                     | 2482                         | 17901           | 50.00         |
| 13                 | 5373        | 1145  | 294  | 6812   | 137  | 2861         | 177   | 5066        | 5689        | -714         | -793                 | 14883                 | 991                  | 15874                     | 2478                         | 18352           | 49.99         |
| 14                 | 5309        | 1078  | 298  | 6685   | 91   | 2830         | 143   | 4995        | 5451        | -622         | -790                 | 14410                 | 915                  | 15325                     | 2340                         | 17665           | 50.04         |
| 15                 | 5350        | 1305  | 298  | 6953   | 56   | 2845         | 145   | 5093        | 5349        | -576         | -840                 | 14533                 | 717                  | 15250                     | 2331                         | 17581           | 50.00         |
| 16                 | 5380        | 1559  | 302  | 7241   | 50   | 2827         | 120   | 4975        | 5353        | -549         | -823                 | 14795                 | 625                  | 15420                     | 2307                         | 17727           | 50.04         |
| 17                 | 5348        | 1418  | 302  | 7068   | 87   | 2837         | 64    | 4894        | 5093        | -540         | -772                 | 14403                 | 578                  | 14981                     | 2287                         | 17268           | 50.01         |
| 18                 | 5206        | 325   | 308  | 5839   | 122  | 2837         | 22    | 4512        | 4446        | -531         | -907                 | 12385                 | 609                  | 12994                     | 2256                         | 15250           | 50.05         |
| 19                 | 5169        | 288   | 306  | 5763   | 236  | 2906         | 1     | 4880        | 4783        | -630         | -930                 | 12782                 | 225                  | 13007                     | 2327                         | 15334           | 49.90         |
| 20                 | 5045        | 278   | 309  | 5632   | 253  | 2704         | 0     | 5054        | 5433        | -754         | -843                 | 13206                 | 172                  | 13378                     | 2388                         | 15766           | 49.99         |
| 21                 | 5144        | 193   | 311  | 5648   | 254  | 2679         | 0     | 4751        | 5129        | -669         | -1005                | 12705                 | 110                  | 12815                     | 2283                         | 15098           | 50.08         |
| 22                 | 5149        | 135   | 311  | 5595   | 203  | 2609         | 0     | 4593        | 4363        | -584         | -1018                | 11752                 | 54                   | 11806                     | 2131                         | 13937           | 50.04         |
| 23                 | 5065        | 120   | 314  | 5499   | 178  | 2396         | 0     | 4443        | 4521        | -636         | -988                 | 11606                 | 17                   | 11623                     | 1945                         | 13568           | 49.99         |
| 24                 | 5162        | 125   | 315  | 5602   | 211  | 2483         | 0     | 4303        | 4482        | -663         | -902                 | 11876                 | 15                   | 11891                     | 1804                         | 13695           | 50.06         |
| MUs                | 123.87      | 15.13 | 7.49 | 146.48 | 6.87 | 63.96        | 1.11  | 113.35      | 115.13      | -13.57       | -17.15               | 316.76                | 9.50                 | 326.26                    | 48.04                        | 374.30          | 50.01         |

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 01/Feb/2014**

Position as on 6.30 Hrs of 02/Feb/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                               |               |
| Chandrapur Unit 5       | 500      | 14/07/2013   | 00.01        |            | Continued. | Condenser replacement 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.                             |               |
| CPP WPCL U-2            | 135      | 13/12/2013   | 13.17        |            | Continued. | ID Fan problem                               |               |
| Dabhol 3X               | 290      | 29/12/2013   | 05.47        |            | Continued. | Gas Shortage                                 |               |
| Dabhol 3B               | 230      | 29/12/2013   | 06.14        |            | Continued. | Gas Shortage                                 |               |
| Uran Unit 8             | 108      | 03/01/2014   | 14.06        |            | Continued. | Gas Shortage                                 |               |
| Tata Trombay 8          | 250      | 09/01/2014   | 22.54        |            | Continued. | Emergency H/T,Fire at turbine track.         |               |
| Chandrapur Unit 2       | 210      | 14/01/2014   | 12.38        |            | Continued. | I D Fan Problem.                             |               |
| Uran Unit 6             | 108      | 14/01/2014   | 12.45        |            | Continued. | Gas Shortage.                                |               |
| CPP WPCL U-4            | 135      | 24/01/2014   | 06.24        |            | Continued. | ID Fan Vibration high.                       |               |
| Koradi Unit 6           | 210      | 24/01/2014   | 06.51        |            | Continued. | Coal bunkering                               |               |
| Cent_Sect Tarapur 1     | 160      | 27/01/2014   | 19.41        |            | Continued. | Mantatory sequence changeover of control Rod | 02/02/2014    |
| Parli Unit 4            | 210      | 28/01/2014   | 18.36        |            | Continued. | Air Preheater Problem.                       |               |
| Uran Unit B0            | 120      | 29/01/2014   | 17.50        |            | Continued. | Gas Shortage.                                |               |
| Uran Unit 7             | 108      | 29/01/2014   | 18.05        |            | Continued. | Gas Shortage.                                |               |
| CPP WPCL U-1            | 135      | 30/01/2014   | 12.45        |            | Continued. | turbine vibration                            |               |
| CPP Adani U-2           | 660      | 31/01/2014   | 15.15        |            | Continued. | super heater problem                         |               |
| Khaparkheda Unit 3      | 210      | 01/02/2014   | 17.06        | 01/02/2014 | 18.49      | Furnace Pressure high.                       |               |
| Khaparkheda Unit 3      | 210      | 01/02/2014   | 19.23        | 01/02/2014 | 20.44      | Drum level high.                             |               |
| Bhusawal Unit 5         | 500      | 02/02/2014   | 00.42        |            | Continued. | BLR T/L.                                     |               |
| Nasik Unit 3            | 210      | 02/02/2014   | 14.50        | 02/02/2014 | 16.45      | electrical problem                           |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 01/Feb/2014**

Position as on 6.30 Hrs of 02/Feb/2014

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date | Sync. Time | Reason of Outage                         | Expected Date |
|-------------------------|----------|--------------|--------------|-----------|------------|------------------------------------------|---------------|
| CPP Adani U1            | 660      | 02/02/2014   | 20.59        |           | Continued. | leakage in water value header drain line |               |
| Nasik Unit 5            | 210      | 02/02/2014   | 21.50        |           | Continued. | spt line leakage                         |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 01/Feb/2014**

Position as on 6.30 Hrs of 02/Feb/2014

| 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> FORCED OUTAGE  |                    |                                                                                    |
| Dhule-Khandwa-I                         | 02/02/2014   | 11.17        | 02/02/2014                        | 13.13              | Relay testing work                                                                 |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> FORCED OUTAGE  |                    |                                                                                    |
| Talangde - Chikodi                      | 31/01/2014   | 14.04        | 01/02/2014                        | 6.45               | replacement of insulator                                                           |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                    |
| Kolhapur - Mapusa - I                   | 31/01/2014   | 16.08        | 01/02/2014                        | 09.32              | over volatge                                                                       |
| Dhule-Sar'Sarovar - I                   | 31/01/2014   | 21.46        | 01/02/2014                        | 5.56               | over voltage                                                                       |
| A'bad-Talegaon PG-1                     | 01/02/2014   | 08.15        |                                   | Continued.         | Outage on Akola-A'bad II                                                           |
| Kolhapur-Mapusa-II                      | 01/02/2014   | 16.53        | 02/02/2014                        | 9.38               | Over Voltage.                                                                      |
| Dhule-Sar'Sarovar - II                  | 01/02/2014   | 22.31        | 02/02/2014                        | 6.56               | Over Voltage.                                                                      |
| Kolhapur-Mapusa-II                      | 02/02/2014   | 16.18        |                                   | 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>IntraState</b>                       |              |              |                                   |                    |                                                                                    |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                    |
| Warora-Chandrapur- II, Ckt II           | 31/01/2014   | 15.56        | 01/02/2014                        | 3.17               | Bkr.cable replacement work                                                         |
| 400KV GT-5Main Bay (410) at Deepnagar   | 01/02/2014   | 08.10        | 01/02/2014                        | 10.15              | Taking oil samples from Bus CT of GTR main bay for DGA analysis.                   |
| Aurangabad PG- Akola                    | 01/02/2014   | 08.56        |                                   | Continued.         | LILO at A'ba PG                                                                    |
| Aurangabad(M)-Aurangabad PG             | 01/02/2014   | 09.00        |                                   | Continued.         | LILO at A'ba PG                                                                    |
| 400/220 KV 315 MVA ICT-II @ Dhule       | 01/02/2014   | 09.35        | 01/02/2014                        | 14.11              | Taking oil sample.                                                                 |
| Kalwa - Padgha - II                     | 02/02/2014   | 8.57         | 02/02/2014                        | 13.20              | hot spot on loc no 1064                                                            |
| <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                                                           |
| Apta - Taloja                           | 23/01/2014   | 09.06        | 01/02/2014                        | 18.14              | Erection of new tower.                                                             |
| Butibori MIDC - VIPL - I                | 29/01/2014   | 11.37        |                                   | Continued.         | Removing Metering Connection From Existing Summation Meter Module for VIPL-I & II. |
| Padegaon - Sawangi                      | 31/01/2014   | 10.24        | 01/02/2014                        | 00.18              | half yealy maintance                                                               |
| Vita - Lamboti                          | 31/01/2014   | 17.09        |                                   | Continued.         | connecting of 3 nos.of jumps at mahuli                                             |
| Pedambe - Oni                           | 01/02/2014   | 09.05        | 01/02/2014                        | 18.28              | Insulator cleaning work.                                                           |
| 220/132 KV 150 MVA T/F - 7 at Chinchwad | 01/02/2014   | 09.52        | 01/02/2014                        | 20.32              | Isolator Repl.work under jaica-II.                                                 |
| Chinchwad - Hinjewadi                   | 01/02/2014   | 10.09        | 01/02/2014                        | 20.35              | Isolator Repl.work under jaica-II.                                                 |
| Dondaicha - Jamde - II.                 | 01/02/2014   | 10.56        | 01/02/2014                        | 14.59              | Bus to CT B-Ph jumper repl work.                                                   |
| Kalwa-Taloja-II                         | 01/02/2014   | 12.43        |                                   | Continued.         | For normalazation of Kalwa-Apta line.                                              |
| Apta-Kalwa                              | 01/02/2014   | 18.25        | 01/02/2014                        | 18.28              | After removal of bunching.                                                         |
| Main Bus - I @ Arrey                    | 02/02/2014   | 8.50         | 02/02/2014                        | 16.55              | A.m. WORK                                                                          |
| Nivali-Pawas                            | 02/02/2014   | 9.30         | 02/02/2014                        | 12.40              | hot spot on line isolator on r phase at niwali end                                 |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 01/Feb/2014**

Position as on 6.30 Hrs of 02/Feb/2014

| Name of Line                  | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                                        |
|-------------------------------|--------------|--------------|---------------------------------|--------------------|-------------------------------------------------------------------------|
| Kalwa - Salshet - III         | 02/02/2014   | 9.59         | 02/02/2014                      | 14.42              | insprction & r.m.of line                                                |
| <b>Voltage Level : 400KV</b>  |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                         |
| Talegaon PG - Aurangabad - II | 09/01/2014   | 13.41        |                                 | Continued.         | over voltage                                                            |
| Dabhol - New Koyana - I       | 22/01/2014   | 00.02        |                                 | Continued.         | Over Voltage.                                                           |
| Karad-Jaigad I                | 31/01/2014   | 16.05        | 01/02/2014                      | 09.10              | over voltage                                                            |
| Karad - Kolhapur - II         | 31/01/2014   | 16.07        | 01/02/2014                      | 09.05              | over voltage                                                            |
| Bhusawal- Aurangabad          | 31/01/2014   | 17.31        | 01/02/2014                      | 07.32              | over voltage                                                            |
| Lonikand-Stage4               | 31/01/2014   | 19.58        | 01/02/2014                      | 08.27              | over voltage                                                            |
| Karad-Jaigad I                | 01/02/2014   | 16.05        | 02/02/2014                      | 9.22               | Over Voltage.                                                           |
| Karad-Kolhapur-II             | 01/02/2014   | 16.06        | 02/02/2014                      | 9.18               | Over Voltage.                                                           |
| Karad-Jaigad I                | 02/02/2014   | 16.26        |                                 | Continued.         | over voltage                                                            |
| Karad - Kolhapur - II         | 02/02/2014   | 16.33        |                                 | Continued.         | over voltage                                                            |
| Lonikand-Stage4               | 02/02/2014   | 18.10        |                                 | Continued.         | over voltage                                                            |
| Warora - Tiroda - II          | 02/02/2014   | 20.58        |                                 | Continued.         | H/T due to withdrawal adani u-1                                         |
| <b>Voltage Level : 220KV</b>  |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                         |
| Chikhali - Jalna - II         | 06/01/2014   | 19.47        |                                 | Continued.         | Paras-Chikhali line O/L                                                 |
| Chikhali - Jalna - I          | 06/01/2014   | 19.47        |                                 | Continued.         | Paras-Chikhali O/L                                                      |
| Urse-Sahara                   | 31/01/2014   | 7.42         | 01/02/2014                      | 08.00              | control loading of talegaon pg line                                     |
| <b>Voltage Level : 132KV</b>  |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                         |
| Mansar - Pench                | 11/01/2014   | 19:17        |                                 | Continued.         | Completion of Khaperkheda-Kanhan Outage and Withdeawal of Pench Suport. |
| <b>Voltage Level : 400KV</b>  |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                         |
| Dabhol-Nagothane - II         | 31/01/2014   | 21.49        |                                 | Continued.         | over voltage                                                            |
| Dhabhol - Nagothane - I       | 02/02/2014   | 04.01        | 02/02/2014                      | 8.24               | Over Voltage.                                                           |
| <b>Voltage Level : 220KV</b>  |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                         |
| Talange - Sawantwadi - II.    | 29/10/2013   | 17.30        |                                 | Continued.         | Dist Prot.                                                              |
| Kharghar-TSS-Panvel           | 02/02/2014   | 05.35        | 02/02/2014                      | 9.42               | Dist.Prot.                                                              |
| <b>Voltage Level : 132KV</b>  |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                         |
| Ujani-Umarga                  | 30/01/2014   | 05.20        |                                 | Continued.         | Distance Protection Zone- I,R Phase.                                    |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 02/Feb/2014

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 155         |
| Unit 6             | 210                   | 0           |
| Unit 7             | 210                   | 170         |
|                    | <b>620</b>            | <b>325</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 500                   | 457         |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>777</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 158         |
| Unit 6             | 250                   | 188         |
| Unit 7             | 250                   | 190         |
|                    | <b>1130</b>           | <b>536</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 140         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 380         |
| Unit 7             | 500                   | 330         |
|                    | <b>2340</b>           | <b>1200</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 250         |
| Unit 4             | 250                   | 250         |
|                    | <b>500</b>            | <b>500</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 165         |
| Unit 2             | 210                   | 158         |
| Unit 3             | 210                   | 164         |
| Unit 4             | 210                   | 173         |
| Unit 5             | 500                   | 373         |
|                    | <b>1340</b>           | <b>1033</b> |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 210                   | 190         |
|                    | <b>630</b>            | <b>560</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 310         |
|                    | <b>852</b>            | <b>310</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    | 0           |
|                    | <b>53</b>             | <b>0</b>    |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 18          |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 3           |
| BHIRA T.R.       | 80                    | 0           |
| RNGR+BHTSA       | 20                    | 17          |
| BHANDARDRA       | 45                    | 30          |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 23          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>151</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                  | 820         |
| WARDHA           | 405                   | 105         |
| Adani            | 1980                  | 1241        |
| Other CPPs       | 300                   | 238         |
|                  | <b>3885</b>           | <b>2404</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                   | 0           |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1127</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 4895        |
|                  | <b>3455</b>           | <b>4895</b> |