



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**26/Feb/2014**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 26/Feb/2014 WEDNESDAY**

| <b>I GENERATION (MUs)</b>       |                |                 | <b>II EXCHANGES (MUs)</b>      |                |                 |
|---------------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| <b>A) MSGENCO</b>               | <b>Daily</b>   | <b>Monthly</b>  | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>  |
| 1) Thermal                      | 126.871        | 3200.743        | 1) Gujrat                      | -1.089         | 110.472         |
| 2) Hydro                        | 16.707         | 455.546         | 2) Madhya Pradesh              | 22.722         | 461.996         |
| 3) Gas                          | 5.499          | 168.896         | 3) Chattisgarh                 | 8.440          | 232.490         |
| <b>Total MSGENCO</b>            | <b>149.077</b> | <b>3825.185</b> | 4) Maharashtra Net             | 87.571         | 2226.620        |
| <b>B) 1) JSW JAIGAD</b>         | 19.115         | 494.415         | (Incl. 765kV Solapur-Raichur)  | -0.500         | -18.920         |
| 2) WPCL                         | 2.369          | 69.710          | 5) Goa                         | -6.621         | -150.035        |
| 3) ADANI                        | 25.507         | 767.127         | 6) TAPS 1&2 Injection          | 7.487          | 184.642         |
| 4) Other CPP / IPP              | 18.076         | 470.746         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 5) Wind Generation              | 4.429          | 150.197         | 8) Pench (Excess)              | -0.162         | -9.767          |
| 6) PENCH (MS)                   | 0.162          | 9.819           | <b># Total Cent. Sector</b>    | <b>118.348</b> | <b>3056.418</b> |
| 7) SOLAR                        | 0.779          | 27.323          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) 1) TPCL Thermal</b>       | 14.694         | 383.269         | 1) With TPCL (Excess)          | -22.497        | -455.011        |
| 2) TPCL Hydro                   | 5.114          | 96.806          | <b>G) Bilateral Power *</b>    |                |                 |
| <b>TOTAL TPCL</b>               | <b>19.808</b>  | <b>480.075</b>  | 1) MSEDCL Bilateral            | 15.952         | 384.664         |
| 3) REL Thermal                  | 11.682         | 304.603         | Include PX                     | -0.605         | -6.245          |
| <b>D) STATE</b>                 |                |                 | 2) MUMBAI Bilateral            | 18.913         | 382.510         |
| <b>1) Thermal (A1+C1+C3)</b>    | 153.247        | 3888.615        | Include PX                     | 4.354          | 113.876         |
| <b>2) Hydro (A2+B6+C2)</b>      | 21.983         | 562.171         | 3) MUMBAI Schedule             | 18.913         | 388.029         |
| <b>3) Gas (A3)</b>              | 5.499          | 168.896         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| <b>4) Wind (B5)</b>             | 4.429          | 150.197         | 1) MSEDCL                      | 315.365        | 8415.929        |
| <b>5) CPP/IPP (B1+B2+B3+B4)</b> | 65.067         | 1060.378        | 2) TPCL                        | 35.106         | 801.115         |
| <b>6) SOLAR (B7)</b>            | 0.779          | 27.323          | 3) REL                         | 18.870         | 438.527         |
| <b>TOTAL STATE</b>              | <b>251.004</b> | <b>5857.580</b> | <b>TOTAL STATE</b>             | <b>369.341</b> | <b>9655.571</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 3 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 5656                             | 5429                             | 4984                             |
| MSGENCO Hydro                   | 1710                             | 673                              | 193                              |
| MSGENCO Gas                     | 185                              | 300                              | 151                              |
| <b>MSGENCO Total Generation</b> | <b>7551</b>                      | <b>6402</b>                      | <b>5328</b>                      |
| <b>Central Sector Receipt</b>   | <b>5352</b>                      | <b>5015</b>                      | <b>4638</b>                      |
| <b>WIND</b>                     | <b>85</b>                        | <b>293</b>                       | <b>90</b>                        |
| <b>CPP / IPP</b>                | <b>2879</b>                      | <b>2855</b>                      | <b>2568</b>                      |
| <b>SOLAR</b>                    | <b>136</b>                       | <b>44</b>                        | <b>0</b>                         |
| <b>Exchange with Mumbai</b>     | <b>-1108</b>                     | <b>-1084</b>                     | <b>-668</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>14895</b>                     | <b>13525</b>                     | <b>11956</b>                     |
| <b>Load Shedding</b>            | <b>904</b>                       | <b>535</b>                       | <b>80</b>                        |
| <b>MSEDCL DEMAND</b>            | <b>15799</b>                     | <b>14060</b>                     | <b>12036</b>                     |
| <b>TPCL GENERATION</b>          | <b>1152</b>                      | <b>1076</b>                      | <b>497</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>522</b>                       | <b>521</b>                       | <b>390</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2782</b>                      | <b>2681</b>                      | <b>1555</b>                      |
| <b>STATE DEMAND MET</b>         | <b>17677</b>                     | <b>16206</b>                     | <b>13511</b>                     |
| <b>STATE DEMAND</b>             | <b>18581</b>                     | <b>16741</b>                     | <b>13591</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.99</b>                     | <b>49.99</b>                     | <b>50.05</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.47 Hz at 23.56 Hrs</b> | <b>49.65 Hz at 09.14 Hrs</b> | <b>50</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 26/Feb/2014

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 50.03         | 0        | 0        | 0        |
| Unit 6           | 3.33        | 32.74         | 146      | 130      | 140      |
| Unit 7           | 3.45        | 92.76         | 160      | 105      | 150      |
| Total            | 6.79        | 175.52        |          |          | 290      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.42        | 76.29         | 160      | 125      | 150      |
| Unit 3           | 0.00        | 87.11         | 0        | 0        | 0        |
| Unit 4           | 0.04        | 214.40        | 40       | 0        | 0        |
| Unit 5           | 8.98        | 181.34        | 400      | 350      | 344      |
| Total            | 12.45       | 559.14        |          |          | 494      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 0.00        | 74.51         | 0        | 0        | 0        |
| Unit 5           | 3.79        | 98.82         | 166      | 146      | 161      |
| Unit 6           | 4.71        | 130.62        | 250      | 180      | 180      |
| Unit 7           | 4.73        | 127.78        | 250      | 185      | 180      |
| Total            | 13.23       | 431.72        |          |          | 521      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.27        | 84.50         | 142      | 132      | 140      |
| Unit 2           | 3.67        | 10.84         | 166      | 140      | 160      |
| Unit 3           | 4.20        | 110.00        | 188      | 163      | 190      |
| Unit 4           | 4.48        | 110.23        | 201      | 167      | 210      |
| Unit 5           | 9.80        | 61.57         | 450      | 360      | 450      |
| Unit 6           | 9.42        | 226.48        | 425      | 340      | 430      |
| Unit 7           | 9.65        | 215.40        | 442      | 336      | 400      |
| Total            | 44.50       | 819.03        |          |          | 1980     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.20        | 134.74        | 242      | 193      | 250      |
| Unit 4           | 5.18        | 125.45        | 249      | 183      | 250      |
| Total            | 10.38       | 260.19        |          |          | 500      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.16        | 104.34        | 195      | 155      | 180      |
| Unit 2           | 3.98        | 95.94         | 180      | 155      | 180      |
| Unit 3           | 4.38        | 101.70        | 196      | 170      | 190      |
| Unit 4           | 4.24        | 111.80        | 184      | 168      | 190      |
| Unit 5           | 10.29       | 270.17        | 500      | 375      | 500      |
| Total            | 27.06       | 683.95        |          |          | 1240     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 3.94        | 68.78         | 180      | 150      | 190      |
| Unit 4           | 4.28        | 99.25         | 191      | 167      | 190      |
| Unit 5           | 4.24        | 103.14        | 191      | 160      | 190      |
| Total            | 12.47       | 271.18        |          |          | 570      |
| Uran             |             |               |          |          |          |
| All Units        | 5.50        | 168.90        | 320      | 151      | 160      |
| Total            | 5.50        | 168.90        |          |          | 160      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.16        | 9.82          | 47       | 0        |          |
| Total            | 0.16        | 9.82          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 3.83        | 92.54         | 410      | 35       | 450      |
| Stage 4          | 6.79        | 179.34        | 1026     | 0        | 250      |
| Stage 3          | 2.23        | 58.07         | 240      | 0        | 320      |
| Kovna 12&4 Total | 10.62       | 271.88        |          |          | 700      |

| Generating unit    | Generation   |                |                |          | OLC (MW)     |
|--------------------|--------------|----------------|----------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus)  | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>12.84</b> | <b>329.96</b>  |                |          | <b>1020</b>  |
| <b>Hydro</b>       |              |                |                |          |              |
| KDPH               | 0.45         | 13.52          | 19             | 18       | 18           |
| VTRNA              |              | 0.00           | 0              | 0        | 0            |
| TILLARI            | 0.39         | 10.35          | 63             | 0        | 60           |
| BHTGR/VEER         | 0.00         | 1.24           | 0              | 0        | 0            |
| BHIRA T.R.         | 0.15         | 3.24           | 40             | 0        | 40           |
| RNGR+BHTSA         | 0.36         | 9.02           | 15             | 14       | 15           |
| BHANDARDRA         | 0.81         | 6.56           | 34             | 33       | 30           |
| ELDARY             | 0.00         | 5.34           | 0              | 0        | 0            |
| SMLHY PTN          | 0.90         | 25.45          | 45             | 35       | 10           |
| GHATGHAR           | 0.81         | 50.86          | 125            | 0        | 0            |
| <b>Total</b>       | <b>3.86</b>  | <b>125.59</b>  |                |          | <b>173</b>   |
| <b>Wind</b>        |              |                |                |          |              |
| MalharPeth         | 0.20         | 5.16           |                |          |              |
| Vankuswadi         | 0.37         | 9.67           |                |          |              |
| ATIT               | 0.05         | 1.47           |                |          |              |
| Kale               | 0.09         | 3.22           |                |          |              |
| Satara             | 1.42         | 40.66          |                |          |              |
| Shirala            | 0.11         | 3.68           |                |          |              |
| K Mahankal         | 0.02         | 0.90           |                |          |              |
| Supa               | 0.06         | 2.63           |                |          |              |
| Vita               | 0.71         | 22.99          |                |          |              |
| Dondaicha          | 0.83         | 40.21          |                |          |              |
| Sakri              | 0.07         | 5.38           |                |          |              |
| Nandurbar          | 0.11         | 3.60           |                |          |              |
| Khandke            | 0.24         | 5.50           |                |          |              |
| Khaparale          | 0.16         | 5.12           |                |          |              |
| <b>Total</b>       | <b>4.43</b>  | <b>150.20</b>  |                |          |              |
| <b>CPP</b>         |              |                |                |          |              |
| JSW JAIGAD         | 19.12        | 494.42         | 866            | 710      | 782          |
| WARDHA             | 2.37         | 69.71          | 128            | 94       | 95           |
| Adani              | 25.51        | 767.13         | 1171           | 804      | 1234         |
| Other CPPs         | 18.08        | 470.75         |                |          | 465          |
| <b>Total</b>       | <b>65.07</b> | <b>1802.00</b> |                |          | <b>2576</b>  |
| <b>SOLAR</b>       |              |                |                |          |              |
| Total              | 0.78         | 26.29          |                |          |              |
| <b>Total</b>       | <b>0.78</b>  | <b>26.29</b>   |                |          |              |
| <b>Tata</b>        |              |                |                |          |              |
| Trombay 4          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 5          | 10.35        | 268.21         | 500            | 315      | 500          |
| Trombay 6          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 7A         | 2.75         | 73.27          | 115            | 114      | 120          |
| Trombay 7B         | 1.60         | 41.79          | 67             | 66       | 60           |
| Trombay 8          | 0.00         | 0.00           | 0              | 0        | 0            |
| TATA Hydro         | 5.11         | 96.81          | 471            | 0        | 447          |
| <b>Total</b>       | <b>19.81</b> | <b>480.08</b>  |                |          | <b>1127</b>  |
| <b>REL</b>         |              |                |                |          |              |
| 1&2                | 11.68        | 304.60         | 523            | 390      | 500          |
| <b>Total</b>       | <b>11.68</b> | <b>304.60</b>  |                |          | <b>500</b>   |
| <b>Cent Sect</b>   |              |                |                |          |              |
| Share              |              |                |                |          | 5381         |
| <b>Total</b>       |              |                |                |          | <b>5381</b>  |
| MS<br>PG<br>CL     | Thermal      | 126.87         | 3200.74        |          | 5595         |
|                    | Thml+Gas     | 132.37         | 3369.64        |          | 5755         |
|                    | Hydro        | 16.71          | 455.55         |          | 1193         |
|                    | <b>Total</b> | <b>149.08</b>  | <b>3825.18</b> |          | <b>6948</b>  |
| <b>State Total</b> |              | <b>251.00</b>  | <b>5857.58</b> |          | <b>16532</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 26/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                  | 5069        | 142   | 161  | 5372   | 115  | 2787         | 0     | 4479        | 4785        | -635         | -857                 | 12202                 | 94                   | 12296                     | 1777                         | 14073           | 50.01         |
| 2                  | 5003        | 142   | 151  | 5296   | 96   | 2623         | 0     | 4481        | 4821        | -587         | -733                 | 12103                 | 80                   | 12183                     | 1626                         | 13809           | 50.04         |
| 3                  | 4984        | 193   | 151  | 5328   | 90   | 2568         | 0     | 4495        | 4638        | -529         | -668                 | 11956                 | 80                   | 12036                     | 1555                         | 13591           | 50.05         |
| 4                  | 4975        | 313   | 161  | 5449   | 110  | 2479         | 0     | 4487        | 4986        | -510         | -612                 | 12412                 | 80                   | 12492                     | 1500                         | 13992           | 50.02         |
| 5                  | 5012        | 338   | 161  | 5511   | 91   | 2553         | 0     | 4555        | 4724        | -544         | -620                 | 12259                 | 80                   | 12339                     | 1507                         | 13846           | 49.98         |
| 6                  | 5166        | 333   | 161  | 5660   | 144  | 2773         | 0     | 4833        | 5207        | -582         | -729                 | 13055                 | 134                  | 13189                     | 1620                         | 14809           | 50.00         |
| 7                  | 5354        | 258   | 161  | 5773   | 263  | 2759         | 0     | 4880        | 4966        | -615         | -705                 | 13056                 | 755                  | 13811                     | 1812                         | 15623           | 49.92         |
| 8                  | 5393        | 901   | 161  | 6455   | 244  | 2859         | 12    | 4780        | 4819        | -641         | -621                 | 13788                 | 1022                 | 14810                     | 1968                         | 16778           | 49.90         |
| 9                  | 5435        | 1283  | 159  | 6877   | 220  | 2872         | 48    | 4793        | 5033        | -731         | -724                 | 14347                 | 913                  | 15260                     | 2230                         | 17490           | 49.87         |
| 10                 | 5643        | 1556  | 158  | 7357   | 185  | 2873         | 97    | 5014        | 5222        | -869         | -874                 | 14881                 | 713                  | 15594                     | 2531                         | 18125           | 49.87         |
| 11                 | 5683        | 1829  | 155  | 7667   | 159  | 2858         | 123   | 5231        | 5236        | -992         | -1068                | 15022                 | 757                  | 15779                     | 2743                         | 18522           | 49.97         |
| 12                 | 5656        | 1710  | 185  | 7551   | 85   | 2879         | 136   | 5285        | 5352        | -1064        | -1108                | 14895                 | 904                  | 15799                     | 2782                         | 18581           | 49.99         |
| 13                 | 5471        | 1478  | 239  | 7188   | 96   | 2889         | 102   | 5268        | 5249        | -1032        | -1101                | 14423                 | 1056                 | 15479                     | 2777                         | 18256           | 50.01         |
| 14                 | 5457        | 1587  | 291  | 7335   | 120  | 2915         | 58    | 5177        | 4924        | -914         | -988                 | 14364                 | 918                  | 15282                     | 2639                         | 17921           | 49.96         |
| 15                 | 5393        | 1196  | 293  | 6882   | 176  | 2935         | 87    | 5190        | 5326        | -910         | -1002                | 14404                 | 686                  | 15090                     | 2674                         | 17764           | 49.86         |
| 16                 | 5378        | 1212  | 297  | 6887   | 230  | 2934         | 55    | 5188        | 5371        | -918         | -1035                | 14442                 | 584                  | 15026                     | 2684                         | 17710           | 49.99         |
| 17                 | 5429        | 673   | 300  | 6402   | 293  | 2855         | 44    | 5132        | 5015        | -908         | -1084                | 13525                 | 535                  | 14060                     | 2681                         | 16741           | 49.99         |
| 18                 | 5158        | 178   | 305  | 5641   | 428  | 2591         | 17    | 4858        | 4618        | -776         | -1264                | 12031                 | 275                  | 12306                     | 2633                         | 14939           | 50.07         |
| 19                 | 5020        | 266   | 305  | 5591   | 338  | 2433         | 0     | 4749        | 5048        | -786         | -1237                | 12200                 | 166                  | 12366                     | 2595                         | 14961           | 49.99         |
| 20                 | 5279        | 244   | 308  | 5831   | 304  | 2660         | 0     | 5109        | 4818        | -940         | -1140                | 12494                 | 165                  | 12659                     | 2646                         | 15305           | 50.16         |
| 21                 | 5277        | 206   | 308  | 5791   | 235  | 2536         | 0     | 5004        | 4955        | -1015        | -1141                | 12381                 | 118                  | 12499                     | 2508                         | 15007           | 50.12         |
| 22                 | 5219        | 363   | 308  | 5890   | 199  | 2469         | 0     | 4339        | 4528        | -867         | -1148                | 11938                 | 88                   | 12026                     | 2322                         | 14348           | 50.02         |
| 23                 | 5243        | 158   | 320  | 5721   | 113  | 2495         | 0     | 4216        | 4295        | -781         | -1038                | 11586                 | 73                   | 11659                     | 2170                         | 13829           | 50.10         |
| 24                 | 5174        | 148   | 300  | 5622   | 95   | 2472         | 0     | 4367        | 4412        | -768         | -1000                | 11601                 | 64                   | 11665                     | 2007                         | 13672           | 50.21         |
| MUs                | 126.87      | 16.71 | 5.50 | 149.08 | 4.43 | 65.07        | 0.78  | 115.91      | 118.35      | -18.91       | -22.50               | 315.36                | 10.34                | 325.70                    | 53.99                        | 379.69          | 50.00         |

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 26/Feb/2014**

Position as on 6.30 Hrs of 27/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                       |               |
| Koyna Unit 2            | 75       | 10/02/2014   | 12.10        |            | Continued. | Pressure Shaft work                  | 01/03/2014    |
| Koyna Unit 1            | 75       | 10/02/2014   | 12.25        |            | Continued. | Pressure Shaft work                  | 01/03/2014    |
| <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.      |               |
| 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. |               |
| 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 WPCL U-4            | 135      | 12/02/2014   | 16.53        |            | Continued. | Esp Prob.                            |               |
| CPP Adani U1            | 660      | 15/02/2014   | 20.59        | 26/02/2014 | 20.54      | Turbine Problem.                     |               |
| CPP WPCL U-2            | 135      | 18/02/2014   | 00.02        |            | Continued. | Ash Conveying problem                |               |
| CPP JSW (J) U4          | 300      | 22/02/2014   | 19.30        |            | Continued. | Non Schedule.                        |               |
| Koradi Unit 5           | 200      | 23/02/2014   | 04.04        |            | Continued. | ID Fan Problem.                      |               |
| Bhusawal Unit 4         | 500      | 24/02/2014   | 10.40        | 26/02/2014 | 23.24      | Main Steam Line Leakage              |               |
| Bhusawal Unit 3         | 210      | 24/02/2014   | 18.30        |            | Continued. | Economiser Tube Leakage              |               |
| Uran Unit 5             | 108      | 25/02/2014   | 00.05        | 26/02/2014 | 11.32      | Gas Shortage                         |               |
| Parli Unit 4            | 210      | 25/02/2014   | 21.06        |            | Continued. | Water Shortage.                      |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 26/Feb/2014**

Position as on 6.30 Hrs of 27/Feb/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 |                   |                                                                                                 |
| Borivali -Tarapur                     | 07/12/2013   | 10.15        |                                   | Continued.        | MUMBAI STRENGTHENING WORK                                                                       |
| Mahalakshmi - Amona                   | 26/02/2014   | 09.01        | 26/02/2014                        | 14.34             | Outage.                                                                                         |
| Tillary-Amona                         | 26/02/2014   | 09.16        | 26/02/2014                        | 14.33             | Outage.                                                                                         |
| Solapur (PG)-South Solapur I          | 26/02/2014   | 10.35        | 26/02/2014                        | 13.45             | A M Work.                                                                                       |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                                                 |
| A'bad-Talegaon PG-1                   | 21/02/2014   | 11.17        | 26/02/2014                        | 09.04             | over voltage                                                                                    |
| Kolhapur - Mapusa - I                 | 25/02/2014   | 16.39        | 26/02/2014                        | 08.35             | Over Voltage.                                                                                   |
| Dhule-Sar'Sarovar - I                 | 25/02/2014   | 22.08        | 26/02/2014                        | 07.27             | Over Voltage                                                                                    |
| Talegaon PG- Aurangabad - II          | 25/02/2014   | 22.53        |                                   | Continued.        | Over Voltage                                                                                    |
| Kolhapur - Mapusa - I                 | 26/02/2014   | 17.08        |                                   | Continued.        | Over Voltage.                                                                                   |
| Dhule-Sar'Sarovar - I                 | 26/02/2014   | 22.36        |                                   | Continued.        | Over Voltage.                                                                                   |
| <b>Voltage Level : 500KV</b>          |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                                                 |
| 765KV Akola II - Tiroda - I           | 26/02/2014   | 01.13        |                                   | Continued.        | Distance Protection                                                                             |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                                                 |
| 765 KV Akola-II - Tiroda - I          | 26/02/2014   | 01.12        | 26/02/2014                        | 17.45             | Tripped.                                                                                        |
| Chakan-Talegaon(PG)                   | 26/02/2014   | 12.40        | 26/02/2014                        | 13.02             | Bus Protection Operated.                                                                        |
| Chakan-Talegaon(PG)                   | 26/02/2014   | 15.45        | 26/02/2014                        | 16.11             | DT Received @ Talegaon PG.                                                                      |
| Solapur-Solapur(PGCIL)                | 26/02/2014   | 19.39        |                                   | Continued.        | Distance Protection.                                                                            |
| Karad - Solapur (PGCIL)               | 26/02/2014   | 19.54        |                                   | Continued.        | Distance Protection.                                                                            |
| <b>IntraState</b>                     |              |              |                                   |                   |                                                                                                 |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                 |
| Lonikand Ckt.I Main CB.at Lonikand II | 22/02/2014   | 1032         |                                   | Continued.        | Repl.of CB under Jica II,line taken on TBC up to 27.02.14                                       |
| Bus Coupler @ Bhusawal                | 25/02/2014   | 10.30        |                                   | Continued.        | For Replacement Of OLD MOCB Under Jaica-2 Outage.                                               |
| 400/220 KV 500 MVA ICT-I @ Deepnagar  | 26/02/2014   | 10.40        | 26/02/2014                        | 13.38             | Replacement of Faulty Butterfly Valve in CTR Nitrogen Injection Fler Fighting Sys Both of Y Ph. |
| Chandrapur - Khaparkheda              | 26/02/2014   | 11.42        | 26/02/2014                        | 18.06             | Replacement of Broken Disc Insulator @ Loc No.241 & Fitting & Tightening of Hardware.           |
| Parli - Lamboti                       | 26/02/2014   | 14.50        | 26/02/2014                        | 19.38             | Cleaning of Insulator String & Fixing of Spacers.                                               |
| <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 STRENGTHENING WORK                                                                       |
| Borivali - Ghodbandar - II            | 05/02/2014   | 10.14        |                                   | Continued.        | Tower Erection of Loc.8 & M/C Stringing.                                                        |
| Lote - Dasturi                        | 24/02/2014   | 09.00        | 26/02/2014                        | 17.45             | Erection and commissioning of CB and CT                                                         |
| 220/33 KV 100 MVA T/F - I at Aarey    | 25/02/2014   | 08.30        |                                   | Continued.        | A.M.work.                                                                                       |
| Nerul -Sonkhar                        | 26/02/2014   | 07.17        | 26/02/2014                        | 08.36             | Attending Hot Spot in the Clamp of R Ph.                                                        |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 26/Feb/2014**

Position as on 6.30 Hrs of 27/Feb/2014

| Name of Line                          | Tripped Date | Tripped Time | Synchronise d Date               | Synchronise d Time | Reason of Outage                                                                      |
|---------------------------------------|--------------|--------------|----------------------------------|--------------------|---------------------------------------------------------------------------------------|
| Panama - Pedambe                      | 26/02/2014   | 08.40        | 26/02/2014                       | 18.40              | Replacement of Old Insulator String & Stringing of New Earthwire Under LE Scheme.     |
| New Parli - Beed - II                 | 26/02/2014   | 09.15        | 26/02/2014                       | 15.05              | For SFRA & Tan Delta Test of CT's & Bushing Work of Line Sub Division @ th Same Time. |
| Beed-Patoda II                        | 26/02/2014   | 09.15        | 26/02/2014                       | 15.05              | Quarterly Maintainence Work.                                                          |
| New Parly - Beed - I                  | 26/02/2014   | 10.49        | 26/02/2014                       | 17.45              | For SFRA & Tan Delta Test of CT's & Bushing Work of Line Sub Division @ th Same Time. |
| Paranda - Barshi                      | 26/02/2014   | 11.10        | 26/02/2014                       | 14.40              | Replacement of Nutbolt of Jumper.                                                     |
| TBC @ Jamde                           | 26/02/2014   | 11.45        | 26/02/2014                       | 12.10              | Breaker CRM & Timing.                                                                 |
| Bus Coupler @ Jamde                   | 26/02/2014   | 12.10        | 26/02/2014                       | 13.06              | Breaker CRM & Timing.                                                                 |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type FORCED OUTAGE</b> |                    |                                                                                       |
| 220/100KV 200 MVA ICT III at Borivali | 24/02/2014   | 15.58        |                                  | Continued.         | Repl.of Relay and control panel                                                       |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                                                                       |
| Dabhol - Nagothane - I                | 05/02/2014   | 17.37        |                                  | Continued.         | Over Voltage.                                                                         |
| New Koyna - Dabhol - I                | 06/02/2014   | 00.02        |                                  | Continued.         | Over Voltage.(RFC 20.35 Hrs on 16.02.14)                                              |
| Karad - Kolhapur - II                 | 25/02/2014   | 16.06        | 26/02/2014                       | 07.04              | Over Voltage.                                                                         |
| Karad-Jaigad I                        | 25/02/2014   | 16.37        | 26/02/2014                       | 07.22              | Over Voltage.                                                                         |
| Bhusawal- Aurangabad                  | 25/02/2014   | 18.43        |                                  | Continued.         | Over Voltage                                                                          |
| Lonikand- Koyna Stage IV              | 25/02/2014   | 21.10        | 26/02/2014                       | 07.15              | Over Voltage.                                                                         |
| Karad-Kolhapur-II                     | 26/02/2014   | 16.36        |                                  | Continued.         | Over Voltage.                                                                         |
| Karad-Jaigad I                        | 26/02/2014   | 17.03        |                                  | Continued.         | Over Voltage.                                                                         |
| Bhusawal- Aurangabad                  | 26/02/2014   | 18.10        |                                  | Continued.         | Over Voltage.                                                                         |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                                                                       |
| Chikhali - Jalna - II                 | 10/02/2014   | 19.10        |                                  | Continued.         | To avoid O/L Paras-Chikhali line                                                      |
| Wardha-Bhugaon                        | 26/02/2014   | 11.15        | 26/02/2014                       | 11.21              | To Control Ambazari-AEPL L/L.                                                         |
| Hingoli-Parbhani                      | 26/02/2014   | 11.41        | 26/02/2014                       | 21.22              | To Control Ambazari-AEPL L/L.                                                         |
| <b>Voltage Level : 132KV</b>          |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                                                                       |
| Eldari-Risod.                         | 26/02/2014   | 20.15        | 26/02/2014                       | 20.50              | Ckt H/T as 10 MVA T/F B Ph LA Burst.                                                  |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type TRIPPED</b>       |                    |                                                                                       |
| Talandge - Sawantwadi - II.           | 29/10/2013   | 17.30        |                                  | Continued.         | Dist Prot.                                                                            |
| Khaperkheda-Purti                     | 23/02/2014   | 15.46        |                                  | Continued.         | 3Normal Towers Bend Near Tatol Due to Stormy Weather.                                 |
| K'Kheda-Butobori III                  | 23/02/2014   | 15.46        |                                  | Continued.         | 3Normal Towers Bend Near Tatol Due to Stormy Weather.                                 |
| Kanhan - Bhandara - I                 | 26/02/2014   | 01.51        | 26/02/2014                       | 02.29              | Distance Protection Operated Z-I.                                                     |
| BBLSR-Waluj                           | 26/02/2014   | 16.16        |                                  | Continued.         | Dist.Prot.Z-I R Ph A/R Fail R Ph Decapping.                                           |
| Wada-Kolshet                          | 26/02/2014   | 17.06        | 26/02/2014                       | 17.27              | Distance Protection.                                                                  |
| Girwali - Parly - II                  | 26/02/2014   | 18.45        | 26/02/2014                       | 19.42              | Distance Protection Operated Zone-I                                                   |
| Parly - Girwali - III                 | 26/02/2014   | 18.45        | 26/02/2014                       | 19.42              | Backup Protection Operated O/C & E/F.                                                 |
| Parly - Girwali - IV                  | 26/02/2014   | 18.45        |                                  | Continued.         | Distance Protection Operated Z-I,Ckt Under Brekdown.                                  |
| Parly - New Parly TPS - II            | 26/02/2014   | 18.45        | 26/02/2014                       | 19.17              | Distance Protection Opersted Z-I.                                                     |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 26/Feb/2014**

Position as on 6.30 Hrs of 27/Feb/2014

| Name of Line                 | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                               |
|------------------------------|--------------|--------------|----------------------------|--------------------|------------------------------------------------|
| <b>Voltage Level : 132KV</b> |              |              | <b>Outage Type</b> TRIPPED |                    |                                                |
| Kanhan - Mouda               | 23/02/2014   | 16.35        |                            | Continued.         | Stormy Weather 1Tower bend near Tarsa Village. |
| Bhandara-Mouda               | 23/02/2014   | 16.35        |                            | Continued.         | Stormy Weather 1Tower bend near Tarsa Village. |
| Padegaon - Paithan           | 26/02/2014   | 15.05        |                            | Continued.         | Distance Protection Operated Zone-I.           |
| Gangakhed - Sonpeth          | 26/02/2014   | 19.05        | 26/02/2014                 | 19.40              | Distance Protection Operated Zone-I.           |
| Gangakhed - Sonpeth- II      | 26/02/2014   | 19.05        | 26/02/2014                 | 19.40              | Distance Protection Operated Zone-I.           |
| Solapur - Naldurg            | 26/02/2014   | 19.40        |                            | Continued.         | Distance Protection Operated Zone-I.           |



# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 27/Feb/2014

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 130         |
| Unit 7             | 210                   | 140         |
|                    | <b>620</b>            | <b>270</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 500                   | 323         |
| Unit 5             | 500                   | 344         |
|                    | <b>1420</b>           | <b>817</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 152         |
| Unit 6             | 250                   | 188         |
| Unit 7             | 250                   | 191         |
|                    | <b>1130</b>           | <b>531</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 430         |
| Unit 7             | 500                   | 420         |
|                    | <b>2340</b>           | <b>2000</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 220         |
| Unit 4             | 250                   | 220         |
|                    | <b>500</b>            | <b>440</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 500         |
|                    | <b>1340</b>           | <b>1240</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                   | 320         |
|                    | <b>852</b>            | <b>320</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 450         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1020</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 19          |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 63          |
| BHTGR/VEER       | 21                    | 0           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 15          |
| BHANDARDRA       | 45                    | 34          |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 10          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>181</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                  | 795         |
| WARDHA           | 405                   | 200         |
| Adani            | 1980                  | 1851        |
| Other CPPs       | 300                   | 465         |
|                  | <b>3885</b>           | <b>3311</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                  | 5291        |
|                  | <b>3455</b>           | <b>5291</b> |

|  |              |              |
|--|--------------|--------------|
|  | <b>21280</b> | <b>17618</b> |
|--|--------------|--------------|