



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**21/Apr/2014**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 21/Apr/2014 MONDAY**

| <b>I GENERATION (MUs)</b>    |                |                 | <b>II EXCHANGES (MUs)</b>      |                |                 |
|------------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| <b>A) MSGENCO</b>            | <b>Daily</b>   | <b>Monthly</b>  | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>  |
| 1) Thermal                   | 118.914        | 2628.121        | 1) Gujrat                      | 4.061          | 123.464         |
| 2) Hydro                     | 28.629         | 463.162         | 2) Madhya Pradesh              | 25.955         | 514.875         |
| 3) Gas                       | 10.521         | 198.811         | 3) Chattisgarh                 | 10.570         | 221.900         |
| <b>Total MSGENCO</b>         | <b>158.064</b> | <b>3290.094</b> | 4) Maharashtra Net             | 91.498         | 1858.895        |
| <b>B) 1) JSW JAIGAD</b>      | 14.147         | 299.478         | (Incl. 765kV Solapur-Raichur)  | 0.101          | -37.174         |
| 2) WPCL                      | 0.000          | 4.347           | 5) Goa                         | -6.849         | -130.869        |
| 3) ADANI                     | 31.650         | 766.960         | 6) TAPS 1&2 Injection          | 7.398          | 156.136         |
| 4) Other CPP / IPP           | 19.487         | 484.093         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 5) Wind Generation           | 3.721          | 161.053         | 8) Pench (Excess)              | -0.027         | -2.553          |
| 6) PENCH (MS)                | 0.027          | 2.920           | <b># Total Cent. Sector</b>    | <b>132.606</b> | <b>2741.848</b> |
| 7) SOLAR                     | 0.921          | 21.174          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) 1) TPCL Thermal</b>    | 18.749         | 374.449         | 1) With TPCL (Excess)          | -25.131        | -488.909        |
| 2) TPCL Hydro                | 5.684          | 77.144          | <b>G) Bilateral Power *</b>    |                |                 |
| <b>TOTAL TPCL</b>            | <b>24.433</b>  | <b>451.593</b>  | 1) MSEDCL Bilateral            | 12.455         | 350.632         |
| 3) REL Thermal               | 12.476         | 260.531         | Include PX                     | 0.000          | 11.734          |
| <b>D) STATE</b>              |                |                 | 2) MUMBAI Bilateral            | 26.530         | 517.280         |
| <b>1) Thermal (A1+C1+C3)</b> | 150.139        | 3263.101        | Include PX                     | 3.322          | 81.669          |
| 2) Hydro (A2+B6+C2)          | 34.340         | 543.226         | 3) MUMBAI Schedule             | 26.530         | 517.280         |
| 3) Gas (A3)                  | 10.521         | 198.811         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 4) Wind (B5)                 | 3.721          | 161.053         | 1) MSEDCL                      | 335.492        | 7283.058        |
| 5) CPP/IPP (B1+B2+B3+B4)     | 65.284         | 819.568         | 2) TPCL                        | 39.705         | 767.443         |
| 6) SOLAR (B7)                | 0.921          | 21.174          | 3) REL                         | 22.333         | 433.648         |
| <b>TOTAL STATE</b>           | <b>264.926</b> | <b>5006.933</b> | <b>TOTAL STATE</b>             | <b>397.530</b> | <b>8484.149</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 13 Hrs</b> | <b>B. Evening Peak at 16 Hrs</b> | <b>C. Night Minimum at 5 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 5236                             | 4996                             | 4890                             |
| MSGENCO Hydro                   | 1798                             | 2343                             | 138                              |
| MSGENCO Gas                     | 400                              | 425                              | 458                              |
| <b>MSGENCO Total Generation</b> | <b>7434</b>                      | <b>7764</b>                      | <b>5486</b>                      |
| <b>Central Sector Receipt</b>   | <b>6080</b>                      | <b>6183</b>                      | <b>5291</b>                      |
| <b>WIND</b>                     | <b>55</b>                        | <b>53</b>                        | <b>188</b>                       |
| <b>CPP / IPP</b>                | <b>2761</b>                      | <b>2754</b>                      | <b>2656</b>                      |
| <b>SOLAR</b>                    | <b>133</b>                       | <b>82</b>                        | <b>0</b>                         |
| <b>Exchange with Mumbai</b>     | <b>-1292</b>                     | <b>-1366</b>                     | <b>-531</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>15171</b>                     | <b>15470</b>                     | <b>13090</b>                     |
| <b>Load Shedding</b>            | <b>969</b>                       | <b>1019</b>                      | <b>31</b>                        |
| <b>MSEDCL DEMAND</b>            | <b>16140</b>                     | <b>16489</b>                     | <b>13121</b>                     |
| <b>TPCL GENERATION</b>          | <b>1310</b>                      | <b>1249</b>                      | <b>762</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>520</b>                       | <b>519</b>                       | <b>522</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>3122</b>                      | <b>3134</b>                      | <b>1815</b>                      |
| <b>STATE DEMAND MET</b>         | <b>18293</b>                     | <b>18604</b>                     | <b>14905</b>                     |
| <b>STATE DEMAND</b>             | <b>19262</b>                     | <b>19623</b>                     | <b>14936</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.90</b>                     | <b>49.83</b>                     | <b>49.85</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>        | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|-----------------------------|----------------------|----------------------------|
| <b>50.15 Hz at 09:03 Hrs</b> | <b>49.6 Hz at 15:23 Hrs</b> | <b>49.9</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 21/Apr/2014

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 0.40          | 0        | 0        | 0        |
| Unit 6           | 3.65        | 55.97         | 160      | 130      | 160      |
| Unit 7           | 3.66        | 74.73         | 171      | 128      | 160      |
| Total            | 7.31        | 131.11        |          |          | 320      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 49.03         | 0        | 0        | 0        |
| Unit 3           | 3.48        | 62.22         | 165      | 120      | 130      |
| Unit 4           | 10.54       | 162.30        | 500      | 395      | 400      |
| Unit 5           | 0.00        | 115.73        | 0        | 0        | 0        |
| Total            | 14.01       | 389.28        |          |          | 530      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.72        | 80.44         | 178      | 146      | 150      |
| Unit 5           | 3.22        | 41.45         | 166      | 0        | 155      |
| Unit 6           | 4.78        | 96.52         | 250      | 185      | 185      |
| Unit 7           | 4.77        | 94.76         | 250      | 185      | 185      |
| Total            | 16.50       | 313.17        |          |          | 675      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 1.36        | 58.50         | 133      | 0        | 0        |
| Unit 2           | 3.92        | 74.97         | 171      | 157      | 170      |
| Unit 3           | 3.58        | 72.61         | 171      | 108      | 160      |
| Unit 4           | 0.00        | 88.96         | 0        | 0        | 0        |
| Unit 5           | 10.28       | 219.49        | 450      | 405      | 450      |
| Unit 6           | 9.40        | 204.23        | 405      | 375      | 400      |
| Unit 7           | 9.54        | 199.94        | 417      | 380      | 410      |
| Total            | 38.09       | 918.70        |          |          | 1590     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.82        | 88.40         | 228      | 176      | 230      |
| Unit 4           | 5.31        | 85.70         | 240      | 204      | 250      |
| Total            | 10.14       | 174.09        |          |          | 480      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.56        | 79.84         | 175      | 125      | 180      |
| Unit 2           | 3.34        | 76.74         | 175      | 100      | 180      |
| Unit 3           | 0.00        | 0.80          | 0        | 0        | 0        |
| Unit 4           | 3.81        | 95.17         | 170      | 135      | 210      |
| Unit 5           | 8.75        | 192.40        | 435      | 300      | 500      |
| Total            | 19.46       | 444.95        |          |          | 1070     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.44        | 71.40         | 190      | 180      | 190      |
| Unit 4           | 4.41        | 93.10         | 195      | 162      | 190      |
| Unit 5           | 4.55        | 92.34         | 195      | 185      | 190      |
| Total            | 13.41       | 256.83        |          |          | 570      |
| Uran             |             |               |          |          |          |
| All Units        | 10.52       | 198.81        | 460      | 400      | 460      |
| Total            | 10.52       | 198.81        |          |          | 460      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.03        | 2.92          | 20       | 0        | 0        |
| Total            | 0.03        | 2.92          |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 6.28        | 111.81        | 500      | 40       | 520      |
| Stage 4          | 13.54       | 187.86        | 1120     | 0        | 250      |
| Stage 3          | 4.03        | 65.43         | 320      | 0        | 320      |
| Kovna 12&4 Total | 19.82       | 299.67        |          |          | 770      |

| Generating unit    | Generation   |                |                |          | OLC (MW)     |
|--------------------|--------------|----------------|----------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus)  | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>23.85</b> | <b>365.10</b>  |                |          | <b>1090</b>  |
| <b>Hydro</b>       |              |                |                |          |              |
| KDPH               | 0.70         | 9.98           | 30             | 29       | 18           |
| VTRNA              | 1.16         | 25.58          | 61             | 0        | 61           |
| TILLARI            | 0.42         | 8.32           | 64             | 0        | 60           |
| BHTGR/VEER         | 0.08         | 1.50           | 4              | 3        | 3            |
| BHIRA T.R.         | 0.11         | 4.29           | 40             | 0        | 40           |
| RNGR+BHTSA         | 0.32         | 6.33           | 14             | 13       | 15           |
| BHANDARDRA         | 0.00         | 3.27           | 0              | 0        | 0            |
| ELDARY             | 0.36         | 3.15           | 15             | 14       | 0            |
| SMLHY PTN          | 0.91         | 18.53          | 39             | 38       | 13           |
| GHATGHAR           | 0.71         | 17.11          | 250            | 0        | 0            |
| <b>Total</b>       | <b>4.78</b>  | <b>98.06</b>   |                |          | <b>210</b>   |
| <b>Wind</b>        |              |                |                |          |              |
| MalharPeth         | 0.11         | 5.19           |                |          |              |
| Vankuswadi         | 0.27         | 9.03           |                |          |              |
| ATIT               | 0.01         | 1.00           |                |          |              |
| Kale               | 0.07         | 3.51           |                |          |              |
| Satara             | 0.97         | 36.57          |                |          |              |
| Shirala            | 0.10         | 3.78           |                |          |              |
| K Mahankal         | 0.01         | 0.50           |                |          |              |
| Supa               | 0.11         | 1.83           |                |          |              |
| Vita               | 0.33         | 20.45          |                |          |              |
| Dondaicha          | 0.97         | 55.67          |                |          |              |
| Sakri              | 0.11         | 6.07           |                |          |              |
| Nandurbar          | 0.07         | 6.48           |                |          |              |
| Khandke            | 0.28         | 4.74           |                |          |              |
| Khaparale          | 0.33         | 6.23           |                |          |              |
| <b>Total</b>       | <b>3.72</b>  | <b>161.05</b>  |                |          |              |
| <b>CPP</b>         |              |                |                |          |              |
| JSW JAIGAD         | 14.15        | 299.48         | 593            | 583      | 535          |
| WARDHA             | 0.00         | 4.35           | 0              | 0        | 0            |
| Adani              | 31.65        | 766.96         | 1330           | 1300     | 1356         |
| Other CPPs         | 19.49        | 484.09         |                |          | 630          |
| <b>Total</b>       | <b>65.28</b> | <b>1554.88</b> |                |          | <b>2521</b>  |
| <b>SOLAR</b>       |              |                |                |          |              |
| Total              | 0.92         | 21.17          |                |          |              |
| <b>Total</b>       | <b>0.92</b>  | <b>21.17</b>   |                |          |              |
| <b>Tata</b>        |              |                |                |          |              |
| Trombay 4          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 5          | 10.32        | 231.86         | 494            | 288      | 500          |
| Trombay 6          | 4.03         | 53.53          | 242            | 149      | 500          |
| Trombay 7A         | 2.79         | 56.06          | 123            | 99       | 120          |
| Trombay 7B         | 1.62         | 33.00          | 70             | 63       | 60           |
| Trombay 8          | 0.00         | 0.00           | 0              | 0        | 0            |
| TATA Hydro         | 5.68         | 77.14          | 471            | 6        | 447          |
| <b>Total</b>       | <b>24.43</b> | <b>451.59</b>  |                |          | <b>1627</b>  |
| <b>REL</b>         |              |                |                |          |              |
| 1&2                | 12.48        | 260.53         | 522            | 518      | 500          |
| <b>Total</b>       | <b>12.48</b> | <b>260.53</b>  |                |          | <b>500</b>   |
| <b>Cent Sect</b>   |              |                |                |          |              |
| Share              |              |                |                |          | 5569         |
| <b>Total</b>       |              |                |                |          | <b>5569</b>  |
| MS PG CL           | Thermal      | 118.91         | 2628.12        |          | 5235         |
|                    | Thml+Gas     | 129.44         | 2826.93        |          | 5695         |
|                    | Hydro        | 28.63          | 463.16         |          | 1300         |
|                    | <b>Total</b> | <b>158.06</b>  | <b>3290.09</b> |          | <b>6995</b>  |
| <b>State Total</b> |              | <b>264.93</b>  | <b>5006.93</b> |          | <b>17212</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 21/Apr/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                  | 4811        | 1044  | 454   | 6309   | 323  | 2689         | 0     | 5231        | 5392        | -1012        | -1048                | 13665                 | 70                   | 13735                     | 2273                         | 16008           | 49.91         |
| 2                  | 4824        | 585   | 454   | 5863   | 311  | 2645         | 0     | 5091        | 5305        | -858         | -782                 | 13342                 | 26                   | 13368                     | 2075                         | 15443           | 49.89         |
| 3                  | 4818        | 221   | 454   | 5493   | 192  | 2667         | 0     | 5088        | 5407        | -839         | -659                 | 13100                 | 26                   | 13126                     | 1941                         | 15067           | 49.83         |
| 4                  | 4820        | 138   | 460   | 5418   | 205  | 2640         | 0     | 5078        | 5401        | -827         | -558                 | 13106                 | 26                   | 13132                     | 1847                         | 14979           | 49.93         |
| 5                  | 4890        | 138   | 458   | 5486   | 188  | 2656         | 0     | 5078        | 5291        | -827         | -531                 | 13090                 | 31                   | 13121                     | 1815                         | 14936           | 49.85         |
| 6                  | 4906        | 237   | 450   | 5593   | 154  | 2663         | 0     | 5151        | 5473        | -852         | -592                 | 13291                 | 394                  | 13685                     | 1880                         | 15565           | 49.88         |
| 7                  | 4907        | 152   | 450   | 5509   | 154  | 2652         | 2     | 5255        | 5313        | -902         | -636                 | 12994                 | 989                  | 13983                     | 1926                         | 15909           | 49.95         |
| 8                  | 4857        | 214   | 450   | 5521   | 203  | 2658         | 20    | 5269        | 5610        | -917         | -769                 | 13243                 | 1013                 | 14256                     | 2060                         | 16316           | 49.98         |
| 9                  | 4852        | 578   | 442   | 5872   | 190  | 2720         | 52    | 5258        | 5618        | -975         | -986                 | 13466                 | 915                  | 14381                     | 2350                         | 16731           | 49.93         |
| 10                 | 4862        | 1671  | 428   | 6961   | 223  | 2758         | 89    | 5464        | 5775        | -1147        | -1227                | 14579                 | 613                  | 15192                     | 2717                         | 17909           | 49.92         |
| 11                 | 5044        | 2082  | 428   | 7554   | 154  | 2736         | 110   | 5633        | 6130        | -1297        | -1267                | 15417                 | 657                  | 16074                     | 2999                         | 19073           | 49.95         |
| 12                 | 5252        | 2045  | 416   | 7713   | 100  | 2779         | 117   | 5683        | 5847        | -1367        | -1255                | 15301                 | 824                  | 16125                     | 3094                         | 19219           | 49.94         |
| 13                 | 5236        | 1798  | 400   | 7434   | 55   | 2761         | 133   | 5609        | 6080        | -1364        | -1292                | 15171                 | 969                  | 16140                     | 3122                         | 19262           | 49.90         |
| 14                 | 5252        | 1914  | 413   | 7579   | 57   | 2767         | 135   | 5521        | 5818        | -1284        | -1376                | 14980                 | 850                  | 15830                     | 3065                         | 18895           | 49.84         |
| 15                 | 5308        | 2291  | 421   | 8020   | 47   | 2746         | 108   | 5599        | 5638        | -1283        | -1411                | 15148                 | 817                  | 15965                     | 3129                         | 19094           | 49.80         |
| 16                 | 4996        | 2343  | 425   | 7764   | 53   | 2754         | 82    | 5616        | 6183        | -1287        | -1366                | 15470                 | 1019                 | 16489                     | 3134                         | 19623           | 49.83         |
| 17                 | 4966        | 2291  | 429   | 7686   | 105  | 2770         | 46    | 5593        | 5843        | -1274        | -1302                | 15148                 | 1210                 | 16358                     | 3132                         | 19490           | 49.96         |
| 18                 | 4987        | 1208  | 435   | 6630   | 122  | 2791         | 24    | 5248        | 4773        | -1240        | -1292                | 13048                 | 1075                 | 14123                     | 3035                         | 17158           | 49.97         |
| 19                 | 4967        | 781   | 438   | 6186   | 104  | 2748         | 3     | 5375        | 5375        | -1209        | -1215                | 13201                 | 244                  | 13445                     | 2862                         | 16307           | 49.93         |
| 20                 | 4967        | 1246  | 441   | 6654   | 102  | 2776         | 0     | 5309        | 5315        | -1145        | -1131                | 13723                 | 210                  | 13933                     | 2902                         | 16835           | 49.92         |
| 21                 | 4938        | 1165  | 442   | 6545   | 125  | 2755         | 0     | 5319        | 5369        | -1152        | -1050                | 13764                 | 170                  | 13934                     | 2812                         | 16746           | 49.90         |
| 22                 | 4763        | 1489  | 443   | 6695   | 159  | 2763         | 0     | 5303        | 5324        | -1132        | -1091                | 13850                 | 126                  | 13976                     | 2691                         | 16667           | 49.95         |
| 23                 | 4830        | 1454  | 444   | 6728   | 252  | 2721         | 0     | 5401        | 4930        | -1213        | -1168                | 13463                 | 111                  | 13574                     | 2627                         | 16201           | 49.84         |
| 24                 | 4861        | 1544  | 446   | 6851   | 143  | 2669         | 0     | 5396        | 5396        | -1130        | -1127                | 13932                 | 89                   | 14021                     | 2552                         | 16573           | 49.85         |
| MUs                | 118.91      | 28.63 | 10.52 | 158.06 | 3.72 | 65.28        | 0.92  | 128.57      | 132.61      | -26.53       | -25.13               | 335.49                | 12.47                | 347.97                    | 62.04                        | 410.01          | 49.90         |

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 21/Apr/2014**

Position as on 6.30 Hrs of 22/Apr/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                       |               |
| Khaparkheda Unit 3      | 210      | 01/04/2014   | 05.14        |            | Continued. | A.O.H.                               |               |
| Koradi Unit 5           | 200      | 10/04/2014   | 19.21        |            | Continued. | Coal conservation                    |               |
| CPP JSW (J) U3          | 300      | 14/04/2014   | 23.51        |            | Continued. | Annual Shutdown.                     |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                      |               |
| Dabhol 1B               | 230      | 28/05/2013   | 22.02        |            | Continued. | Gas shortage.                        |               |
| Dabhol 3A               | 230      | 06/06/2013   | 08.28        |            | Continued. | Gas Shortage                         |               |
| Dabhol 2A               | 230      | 06/06/2013   | 09.10        |            | Continued. | Gas Shortage                         |               |
| Dabhol 1X               | 290      | 27/06/2013   | 21.46        |            | Continued. | Gas Shortage                         |               |
| Dabhol 1A               | 230      | 27/06/2013   | 21.47        |            | Continued. | Gas Shortage                         |               |
| Dabhol 2X               | 290      | 15/07/2013   | 15.09        |            | Continued. | Gas Shortage                         |               |
| Dabhol 2B               | 230      | 08/08/2013   | 15.03        |            | Continued. | Gas Shortage                         |               |
| Dabhol 3X               | 290      | 29/12/2013   | 05.47        |            | Continued. | Gas Shortage                         |               |
| Dabhol 3B               | 230      | 29/12/2013   | 06.14        |            | Continued. | Gas Shortage                         |               |
| Tata Trombay 8          | 250      | 09/01/2014   | 22.54        |            | Continued. | Emergency H/T,Fire at turbine track. |               |
| CPP WPCL U-1            | 135      | 30/01/2014   | 12.45        |            | Continued. | turbine vibration                    |               |
| CPP WPCL U-2            | 135      | 18/02/2014   | 00.02        |            | Continued. | Ash Conveying problem                |               |
| CPP JSW (J) U2          | 300      | 28/02/2014   | 17.52        |            | Continued. | No Schedule.                         |               |
| CPP WPCL U-3            | 135      | 01/04/2014   | 00.07        |            | Continued. | No Schedule                          |               |
| CPP WPCL U-4            | 135      | 03/04/2014   | 00.01        |            | Continued. | No Schedule                          |               |
| CPP Adani U-4           | 660      | 14/04/2014   | 04:35        |            | Continued. | With Drawn.                          |               |
| Bhusawal Unit 5         | 500      | 17/04/2014   | 14.59        |            | Continued. | Boiler Tube Leakage                  |               |
| Chandrapur Unit 1       | 210      | 17/04/2014   | 22.29        | 21/04/2014 | 07.05      | Boiler validity extension            |               |
| CPP INDIABULLS          | 270      | 19/04/2014   | 19.50        |            | Continued. | Coal Shortage.                       |               |
| Chandrapur Unit 4       | 210      | 20/04/2014   | 02.58        |            | Continued. | Boiler Tube Leakage.                 |               |
| Bhusawal Unit 2         | 210      | 20/04/2014   | 04.10        |            | Continued. | Bearing Temp.High.                   |               |
| Koyna Unit 8            | 80       | 20/04/2014   | 11.05        | 21/04/2014 | 23.10      | Boiler Bearing Temp.High.            |               |
| Chandrapur Unit 1       | 210      | 21/04/2014   | 07.26        | 21/04/2014 | 09.25      | Low Vaccume.                         |               |
| Parli Unit 5            | 210      | 21/04/2014   | 20.56        |            | Continued. | Gen.Protection.                      |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 21/Apr/2014**

Position as on 6.30 Hrs of 22/Apr/2014

| Name of Line                       | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                   |
|------------------------------------|--------------|--------------|-----------------------------------|-------------------|----------------------------------------------------|
| <b>InterState</b>                  |              |              |                                   |                   |                                                    |
| <b>Voltage Level : 500KV</b>       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                    |
| 765KV Akola II - Tiroda - I        | 23/03/2014   | 17.18        |                                   | Continued.        | Hand Tripped.                                      |
| <b>Voltage Level : 400KV</b>       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                    |
| Kolhapur - Mapusa - II             | 19/04/2014   | 17.40        | 21/04/2014                        | 09.05             | Over Voltage.                                      |
| Dhule-Sar'Sarovar - I              | 20/04/2014   | 17.57        | 21/04/2014                        | 08.57             | Over Voltage.                                      |
| Kolhapur - Mapusa - I              | 21/04/2014   | 17.14        |                                   | Continued.        | Over Voltage.                                      |
| <b>Voltage Level : 400KV</b>       |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                    |
| Dhule-Sar'Sarovar - I              | 21/04/2014   | 08.57        |                                   | Continued.        | While charging line was tripped due to E/W broken. |
| Dabhol - NewKoyana - II            | 21/04/2014   | 23.32        |                                   | Continued.        | Dist.Prot,Y-Ph string broken.                      |
| <b>IntraState</b>                  |              |              |                                   |                   |                                                    |
| <b>Voltage Level : 400KV</b>       |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                    |
| Dabhol-Nagothane - II              | 14/04/2014   | 14.30        | 22/04/2014                        | 06.39             | Hot Spot on B-Ph CT.                               |
| Karad-Jaigad II                    | 20/04/2014   | 09.10        |                                   | Continued.        | Cold Washing Work,RFG @ 18.05 Hrs.                 |
| 400 KV TBC @ Bhusawal              | 21/04/2014   | 10.10        | 21/04/2014                        | 10.45             | SF6 gas filling in B-Ph.                           |
| Chandrapur II-Dhariwal Ckt II      | 21/04/2014   | 15.14        | 21/04/2014                        | 17.34             | LMU Work.                                          |
| Lonikand II-Parli II               | 22/04/2014   | 03.59        |                                   | Continued.        | To attend Hot Spot.                                |
| <b>Voltage Level : 220KV</b>       |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                    |
| Kanhan - Umred - I                 | 21/04/2014   | 08.15        | 21/04/2014                        | 18.25             | Conversion of SSN To DSN at various locations.     |
| Main Bus @ Dasturi                 | 21/04/2014   | 09.19        | 21/04/2014                        | 17.45             | Red hot spot on line side isolator & Q.M.Work.     |
| 220/132KV 200MVA ICT-III at BBLSR  | 21/04/2014   | 10.00        | 21/04/2014                        | 14.20             | Tan delta measurement of CT and CVT.               |
| Karad-M'peth                       | 21/04/2014   | 11.01        | 21/04/2014                        | 15.53             | Tan delta measurement & Q.M.Work.                  |
| Bus Section @ Tilawani             | 21/04/2014   | 11.20        | 21/04/2014                        | 14.14             | Q.M.Work.                                          |
| Bus Section I at ONGC Panvel.      | 22/04/2014   | 04.37        |                                   | Continued.        | Bus Repl.with twin conductor.                      |
| <b>Voltage Level : 500KV</b>       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                    |
| 765/400KV 1500MVA ICT at Tiroda    | 15/04/2014   | 00.25        |                                   | Continued.        | H/T.                                               |
| <b>Voltage Level : 400KV</b>       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                    |
| Akola - II - Akola - I             | 18/04/2014   | 16.00        |                                   | Continued.        | Over Voltage.                                      |
| Karad - Kolhapur - I               | 20/04/2014   | 16.34        | 21/04/2014                        | 06.30             | Over Voltage.                                      |
| Bhusawal- Aurangabad               | 20/04/2014   | 17.43        | 21/04/2014                        | 08.43             | Over Voltage.                                      |
| Karad - Kolhapur - II              | 21/04/2014   | 16.20        | 22/04/2014                        | 06.43             | Over Voltage.                                      |
| <b>Voltage Level : 220KV</b>       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                    |
| Chikhali - Jalna - I               | 31/03/2014   | 17.50        |                                   | Continued.        | Jalna S/S load on 400KV A'bad S/S.                 |
| Chikhali - Jalna - II              | 31/03/2014   | 17.50        |                                   | Continued.        | Jalna S/S load on 400KV A'bad S/S.                 |
| Parly - Girwali - II               | 21/04/2014   | 19.02        |                                   | Continued.        | Due to Y-Ph CT oil leakage.                        |
| <b>Voltage Level : 400KV</b>       |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                    |
| 400/220KV,500MVA ICT-III At Kalwa. | 21/04/2014   | 10.12        | 21/04/2014                        | 11.53             | Diff.Prot.                                         |
| Padgha - Nagothane - I             | 21/04/2014   | 23.10        | 22/04/2014                        | 00.20             | Dist.Prot.                                         |
| Padgha - Nagothane- II             | 21/04/2014   | 23.10        |                                   | Continued.        | Dist.Prot,Y-Ph string broken.                      |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 21/Apr/2014**

Position as on 6.30 Hrs of 22/Apr/2014

| Name of Line                 | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                               |
|------------------------------|--------------|--------------|----------------------------|--------------------|------------------------------------------------|
| Padgha - Nagothane - I       | 22/04/2014   | 01.22        |                            | Continued.         | Dist.Prot,B-Ph string broken & conductor snap. |
| <b>Voltage Level : 220KV</b> |              |              | <b>Outage Type TRIPPED</b> |                    |                                                |
| Nivali-N'koyna               | 21/04/2014   | 15.53        | 21/04/2014                 | 16.14              | Dist.Prot.                                     |
| Chinchwad-Flagship           | 21/04/2014   | 18.05        |                            | Continued.         | Dist.Prot.                                     |
| <b>Voltage Level : 132KV</b> |              |              | <b>Outage Type TRIPPED</b> |                    |                                                |
| Kandhar-Mukhed               | 21/04/2014   | 01.35        | 21/04/2014                 | 02.15              | Dist.Prot.                                     |
| Beed - Talegaon              | 21/04/2014   | 17.40        | 21/04/2014                 | 23.13              | Dist.Prot.                                     |
| <b>Voltage Level : 100KV</b> |              |              | <b>Outage Type TRIPPED</b> |                    |                                                |
| Kalwa - Washi                | 21/04/2014   | 07.50        | 21/04/2014                 | 08.15              | Dist.Prot.                                     |
| Kalwa-Pal                    | 21/04/2014   | 09.10        | 21/04/2014                 | 09.40              | Dist.Prot.                                     |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 22/Apr/2014

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 152         |
| Unit 7             | 210                   | 160         |
|                    | <b>620</b>            | <b>312</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 150         |
| Unit 4             | 500                   | 430         |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>580</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 145         |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 185         |
| Unit 7             | 250                   | 185         |
|                    | <b>1130</b>           | <b>515</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 410         |
|                    | <b>2340</b>           | <b>1740</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 200         |
| Unit 4             | 250                   | 210         |
|                    | <b>500</b>            | <b>410</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 400         |
|                    | <b>1340</b>           | <b>970</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                   | 460         |
|                    | <b>852</b>            | <b>460</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 520         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 18          |
| VTRNA              | 60                    | 61          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 10          |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 10          |
| BHANDARDRA       | 45                    | 3           |
| ELDARY           | 23                    |             |
| SMLHY PTN        | 12                    | 10          |
| GHATGHAR         | 250                   |             |
|                  | <b>611</b>            | <b>212</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                  | 550         |
| WARDHA           | 405                   | 0           |
| Adani            | 2640                  | 1356        |
| Other CPPs       | 300                   | 630         |
|                  | <b>4545</b>           | <b>2536</b> |
| <b>SOLAR</b>     |                       |             |
| Total            | 0                     |             |
|                  | <b>0</b>              |             |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 0           |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1627</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 5827        |
|                  | <b>3455</b>           | <b>5827</b> |