



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**16/Mar/2014**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 16/Mar/2014 SUNDAY**

| <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                   | 132.620        | 1914.710        | 1) Gujrat                      | 2.335          | -52.130         |
| 2) Hydro                     | 11.432         | 162.902         | 2) Madhya Pradesh              | 19.329         | 300.652         |
| 3) Gas                       | 7.593          | 107.951         | 3) Chattisgarh                 | 8.880          | 142.650         |
| <b>Total MSGENCO</b>         | <b>151.645</b> | <b>2185.563</b> | 4) Maharashtra Net             | 66.633         | 1146.675        |
| <b>B) 1) JSW JAIGAD</b>      | 11.584         | 252.486         | (Incl. 765kV Solapur-Raichur)  | -3.502         | -22.736         |
| 2) WPCL                      | 4.214          | 68.274          | 5) Goa                         | -5.617         | -95.911         |
| 3) ADANI                     | 43.076         | 516.625         | 6) TAPS 1&2 Injection          | 3.876          | 106.601         |
| 4) Other CPP / IPP           | 18.199         | 268.541         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 5) Wind Generation           | 2.921          | 76.980          | 8) Pench (Excess)              | -0.391         | -4.219          |
| 6) PENCH (MS)                | 0.391          | 4.219           | <b># Total Cent. Sector</b>    | <b>95.045</b>  | <b>1544.318</b> |
| 7) SOLAR                     | 1.135          | 16.164          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) 1) TPCL Thermal</b>    | 9.852          | 229.157         | 1) With TPCL (Excess)          | -22.762        | -354.310        |
| 2) TPCL Hydro                | 3.103          | 50.312          | <b>G) Bilateral Power *</b>    |                |                 |
| <b>TOTAL TPCL</b>            | <b>12.955</b>  | <b>279.469</b>  | 1) MSEDCL Bilateral            | 14.319         | 173.576         |
| 3) REL Thermal               | 11.596         | 183.026         | Include PX                     | -2.670         | -85.637         |
| <b>D) STATE</b>              |                |                 | 2) MUMBAI Bilateral            | 16.429         | 297.465         |
| <b>1) Thermal (A1+C1+C3)</b> | 154.068        | 2326.893        | Include PX                     | 3.856          | 83.511          |
| 2) Hydro (A2+B6+C2)          | 14.926         | 217.433         | 3) MUMBAI Schedule             | 16.429         | 297.568         |
| 3) Gas (A3)                  | 7.593          | 107.951         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 4) Wind (B5)                 | 2.921          | 76.980          | 1) MSEDCL                      | 305.448        | 4578.860        |
| 5) CPP/IPP (B1+B2+B3+B4)     | 77.073         | 632.377         | 2) TPCL                        | 29.297         | 526.334         |
| 6) SOLAR (B7)                | 1.135          | 16.164          | 3) REL                         | 18.014         | 290.441         |
| <b>TOTAL STATE</b>           | <b>257.716</b> | <b>3377.798</b> | <b>TOTAL STATE</b>             | <b>352.759</b> | <b>5395.635</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 20 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 6026                             | 5377                             | 5118                             |
| MSGENCO Hydro                   | 1133                             | 562                              | 131                              |
| MSGENCO Gas                     | 302                              | 308                              | 325                              |
| <b>MSGENCO Total Generation</b> | <b>7461</b>                      | <b>6247</b>                      | <b>5574</b>                      |
| <b>Central Sector Receipt</b>   | 4329                             | 4357                             | 3512                             |
| <b>WIND</b>                     | 44                               | 121                              | 220                              |
| <b>CPP / IPP</b>                | 3243                             | 3282                             | 3088                             |
| <b>SOLAR</b>                    | 165                              | 0                                | 0                                |
| <b>Exchange with Mumbai</b>     | -1074                            | -930                             | -869                             |
| <b>MSEDCL DEMAND MET</b>        | 14179                            | 13124                            | 11525                            |
| <b>Load Shedding</b>            | 681                              | 64                               | 7                                |
| <b>MSEDCL DEMAND</b>            | <b>14860</b>                     | <b>13188</b>                     | <b>11532</b>                     |
| <b>TPCL GENERATION</b>          | 546                              | 813                              | 408                              |
| <b>R-INFRA GENERATION</b>       | 521                              | 463                              | 389                              |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2141</b>                      | <b>2206</b>                      | <b>1666</b>                      |
| <b>STATE DEMAND MET</b>         | <b>16320</b>                     | <b>15330</b>                     | <b>13191</b>                     |
| <b>STATE DEMAND</b>             | <b>17001</b>                     | <b>15394</b>                     | <b>13198</b>                     |
| <b>Frequency (Hz)</b>           | 50.02                            | 49.94                            | 50.03                            |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.29 Hz at 06.41 Hrs</b> | <b>49.71 Hz at 18.45 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 16/Mar/2014

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 3.59        | 53.35         | 160      | 140      | 145      |
| Unit 7           | 3.80        | 55.85         | 175      | 144      | 145      |
| Total            | 7.38        | 109.21        |          |          | 290      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.14        | 40.42         | 140      | 120      | 140      |
| Unit 3           | 3.03        | 49.65         | 140      | 105      | 140      |
| Unit 4           | 9.68        | 90.62         | 505      | 330      | 430      |
| Unit 5           | 8.21        | 128.92        | 400      | 295      | 376      |
| Total            | 24.06       | 309.62        |          |          | 1086     |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.84        | 49.33         | 180      | 146      | 160      |
| Unit 5           | 3.88        | 31.00         | 178      | 149      | 155      |
| Unit 6           | 4.68        | 72.83         | 250      | 172      | 190      |
| Unit 7           | 4.60        | 71.97         | 250      | 170      | 190      |
| Total            | 16.99       | 225.13        |          |          | 695      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.24        | 51.10         | 146      | 122      | 150      |
| Unit 2           | 3.73        | 50.38         | 166      | 130      | 165      |
| Unit 3           | 4.23        | 58.88         | 186      | 162      | 190      |
| Unit 4           | 4.59        | 69.56         | 203      | 170      | 210      |
| Unit 5           | 10.00       | 124.70        | 470      | 350      | 450      |
| Unit 6           | 0.82        | 112.76        | 295      | 0        | 0        |
| Unit 7           | 8.70        | 126.23        | 393      | 313      | 380      |
| Total            | 35.30       | 593.62        |          |          | 1545     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.26        | 59.89         | 238      | 160      | 191      |
| Unit 4           | 5.40        | 78.97         | 251      | 175      | 191      |
| Total            | 10.66       | 138.86        |          |          | 382      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.90        | 58.41         | 180      | 145      | 180      |
| Unit 2           | 3.35        | 55.48         | 155      | 125      | 180      |
| Unit 3           | 4.13        | 64.71         | 198      | 0        | 195      |
| Unit 4           | 4.23        | 20.25         | 190      | 163      | 200      |
| Unit 5           | 9.91        | 150.98        | 472      | 360      | 500      |
| Total            | 25.52       | 349.83        |          |          | 1255     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.04        | 51.73         | 180      | 155      | 190      |
| Unit 4           | 4.38        | 68.96         | 196      | 165      | 190      |
| Unit 5           | 4.29        | 67.75         | 191      | 161      | 190      |
| Total            | 12.70       | 188.44        |          |          | 570      |
| Uran             |             |               |          |          |          |
| All Units        | 7.59        | 107.95        | 382      | 299      | 465      |
| Total            | 7.59        | 107.95        |          |          | 465      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.39        | 4.22          | 47       | 0        | 0        |
| Total            | 0.39        | 4.22          |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.77        | 41.14         | 440      | 40       | 600      |
| Stage 4          | 4.50        | 37.90         | 765      | 0        | 250      |
| Stage 3          | 1.39        | 17.34         | 160      | 0        | 320      |
| Kovna 12&4 Total | 7.27        | 79.04         |          |          | 850      |

| Generating unit    | Generation   |                |                |          | OLC (MW)     |
|--------------------|--------------|----------------|----------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus)  | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>8.66</b>  | <b>96.39</b>   |                |          | <b>1170</b>  |
| <b>Hydro</b>       |              |                |                |          |              |
| KDPH               | 0.59         | 8.50           | 37             | 18       | 36           |
| VTRNA              | 0.00         | 0.00           | 0              | 0        | 0            |
| TILLARI            | 0.40         | 6.36           | 64             | 0        | 60           |
| BHTGR/VEER         | 0.00         | 0.01           | 0              | 0        | 0            |
| BHIRA T.R.         | 0.16         | 2.29           | 40             | 0        | 40           |
| RNGR+BHTSA         | 0.34         | 5.09           | 14             | 14       | 0            |
| BHANDARDRA         | 0.00         | 8.48           | 0              | 0        | 0            |
| ELDARY             | 0.00         | 0.00           | 0              | 0        | 0            |
| SMLHY PTN          | 0.60         | 13.98          | 26             | 25       | 14           |
| GHATGHAR           | 0.69         | 21.81          | 125            | 0        | 0            |
| <b>Total</b>       | <b>2.78</b>  | <b>66.52</b>   |                |          | <b>150</b>   |
| <b>Wind</b>        |              |                |                |          |              |
| MalharPeth         | 0.13         | 2.75           |                |          |              |
| Vankuswadi         | 0.24         | 4.98           |                |          |              |
| ATIT               | 0.02         | 0.46           |                |          |              |
| Kale               | 0.08         | 0.92           |                |          |              |
| Satara             | 1.04         | 20.38          |                |          |              |
| Shirala            | 0.11         | 1.56           |                |          |              |
| K Mahankal         | 0.01         | 0.25           |                |          |              |
| Supa               | 0.09         | 1.88           |                |          |              |
| Vita               | 0.56         | 11.80          |                |          |              |
| Dondaicha          | 0.30         | 19.15          |                |          |              |
| Sakri              | 0.06         | 2.09           |                |          |              |
| Nandurbar          | 0.02         | 1.42           |                |          |              |
| Khandke            | 0.20         | 5.35           |                |          |              |
| Khaparale          | 0.04         | 4.00           |                |          |              |
| <b>Total</b>       | <b>2.92</b>  | <b>76.98</b>   |                |          |              |
| <b>CPP</b>         |              |                |                |          |              |
| JSW JAIGAD         | 11.58        | 252.49         | 567            | 458      | 782          |
| WARDHA             | 4.21         | 68.27          | 179            | 173      | 175          |
| Adani              | 43.08        | 516.62         | 1807           | 1785     | 1851         |
| Other CPPs         | 18.20        | 268.54         |                |          | 465          |
| <b>Total</b>       | <b>77.07</b> | <b>1105.93</b> |                |          | <b>3273</b>  |
| <b>SOLAR</b>       |              |                |                |          |              |
| Total              | 1.14         | 16.16          |                |          |              |
| <b>Total</b>       | <b>1.14</b>  | <b>16.16</b>   |                |          |              |
| <b>Tata</b>        |              |                |                |          |              |
| Trombay 4          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 5          | 5.47         | 159.50         | 399            | 201      | 0            |
| Trombay 6          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 7A         | 2.77         | 44.04          | 122            | 114      | 120          |
| Trombay 7B         | 1.62         | 25.61          | 70             | 66       | 60           |
| Trombay 8          | 0.00         | 0.00           | 0              | 0        | 250          |
| TATA Hydro         | 3.10         | 50.31          | 404            | 0        | 447          |
| <b>Total</b>       | <b>12.96</b> | <b>279.47</b>  |                |          | <b>877</b>   |
| <b>REL</b>         |              |                |                |          |              |
| 1&2                | 11.60        | 183.03         | 523            | 387      | 500          |
| <b>Total</b>       | <b>11.60</b> | <b>183.03</b>  |                |          | <b>500</b>   |
| <b>Cent Sect</b>   |              |                |                |          |              |
| Share              |              |                |                |          | 4231         |
| <b>Total</b>       |              |                |                |          | <b>4231</b>  |
| MS<br>PG<br>CL     | Thermal      | 132.62         | 1914.71        |          | 5823         |
|                    | Thml+Gas     | 140.21         | 2022.66        |          | 6288         |
|                    | Hydro        | 11.43          | 162.90         |          | 1320         |
|                    | <b>Total</b> | <b>151.64</b>  | <b>2185.56</b> |          | <b>7608</b>  |
| <b>State Total</b> |              | <b>257.72</b>  | <b>3377.80</b> |          | <b>16489</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/Mar/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                  | 5021        | 321   | 325  | 5667   | 234  | 3151         | 0     | 3623        | 3789        | -661         | -919                 | 11969                 | 64                   | 12033                     | 1961                         | 13994           | 49.95         |
| 2                  | 4988        | 251   | 325  | 5564   | 222  | 3105         | 0     | 3594        | 3707        | -670         | -949                 | 11666                 | 7                    | 11673                     | 1778                         | 13451           | 50.02         |
| 3                  | 5013        | 126   | 325  | 5464   | 209  | 3083         | 0     | 3484        | 3846        | -572         | -926                 | 11676                 | 7                    | 11683                     | 1719                         | 13402           | 50.02         |
| 4                  | 5118        | 131   | 325  | 5574   | 220  | 3088         | 0     | 3421        | 3512        | -509         | -869                 | 11525                 | 7                    | 11532                     | 1666                         | 13198           | 50.03         |
| 5                  | 5183        | 121   | 329  | 5633   | 192  | 3117         | 0     | 3445        | 3620        | -533         | -867                 | 11695                 | 9                    | 11704                     | 1658                         | 13362           | 49.97         |
| 6                  | 5362        | 131   | 329  | 5822   | 151  | 3168         | 0     | 3801        | 4086        | -551         | -892                 | 12356                 | 44                   | 12400                     | 1755                         | 14155           | 50.08         |
| 7                  | 5543        | 131   | 382  | 6056   | 139  | 3156         | 2     | 3828        | 4072        | -456         | -858                 | 12614                 | 227                  | 12841                     | 1824                         | 14665           | 50.02         |
| 8                  | 5601        | 316   | 346  | 6263   | 105  | 3219         | 17    | 3868        | 3826        | -532         | -839                 | 12624                 | 600                  | 13224                     | 1838                         | 15062           | 50.04         |
| 9                  | 5829        | 427   | 306  | 6562   | 75   | 3232         | 61    | 3953        | 4258        | -605         | -888                 | 13333                 | 669                  | 14002                     | 1898                         | 15900           | 50.03         |
| 10                 | 5982        | 692   | 304  | 6978   | 62   | 3213         | 108   | 4050        | 4176        | -712         | -903                 | 13667                 | 495                  | 14162                     | 1972                         | 16134           | 50.03         |
| 11                 | 6033        | 1057  | 299  | 7389   | 58   | 3236         | 143   | 4116        | 4210        | -785         | -992                 | 14078                 | 542                  | 14620                     | 2037                         | 16657           | 50.02         |
| 12                 | 6026        | 1133  | 302  | 7461   | 44   | 3243         | 165   | 4159        | 4329        | -827         | -1074                | 14179                 | 681                  | 14860                     | 2141                         | 17001           | 50.02         |
| 13                 | 5758        | 1095  | 303  | 7156   | 35   | 3230         | 164   | 4134        | 4101        | -811         | -1044                | 13642                 | 802                  | 14444                     | 2148                         | 16592           | 50.02         |
| 14                 | 5628        | 960   | 307  | 6895   | 40   | 3224         | 155   | 4107        | 4181        | -760         | -1081                | 13414                 | 705                  | 14119                     | 2087                         | 16206           | 50.04         |
| 15                 | 5593        | 1237  | 306  | 7136   | 44   | 3312         | 123   | 4045        | 4188        | -768         | -965                 | 13838                 | 493                  | 14331                     | 2083                         | 16414           | 50.03         |
| 16                 | 5596        | 1259  | 306  | 7161   | 44   | 3307         | 106   | 4129        | 3905        | -733         | -916                 | 13607                 | 403                  | 14010                     | 2044                         | 16054           | 50.02         |
| 17                 | 5555        | 535   | 306  | 6396   | 64   | 3237         | 65    | 4150        | 4058        | -705         | -855                 | 12976                 | 341                  | 13317                     | 2002                         | 15319           | 50.00         |
| 18                 | 5448        | 147   | 308  | 5903   | 127  | 3218         | 24    | 3859        | 3498        | -652         | -990                 | 11797                 | 96                   | 11893                     | 1973                         | 13866           | 50.09         |
| 19                 | 5294        | 186   | 309  | 5789   | 137  | 3262         | 2     | 3951        | 3818        | -657         | -1016                | 12014                 | 60                   | 12074                     | 1999                         | 14073           | 49.97         |
| 20                 | 5377        | 562   | 308  | 6247   | 121  | 3282         | 0     | 4087        | 4357        | -770         | -930                 | 13124                 | 64                   | 13188                     | 2206                         | 15394           | 49.94         |
| 21                 | 5499        | 197   | 307  | 6003   | 213  | 3334         | 0     | 3980        | 4053        | -826         | -952                 | 12664                 | 69                   | 12733                     | 2236                         | 14969           | 49.94         |
| 22                 | 5663        | 99    | 313  | 6075   | 150  | 3269         | 0     | 3867        | 3775        | -774         | -1055                | 12214                 | 64                   | 12278                     | 2153                         | 14431           | 49.92         |
| 23                 | 5700        | 194   | 310  | 6204   | 150  | 3221         | 0     | 3466        | 3817        | -720         | -1002                | 12395                 | 63                   | 12458                     | 2135                         | 14593           | 49.96         |
| 24                 | 5810        | 124   | 313  | 6247   | 85   | 3166         | 0     | 3644        | 3861        | -839         | -980                 | 12379                 | 64                   | 12443                     | 2000                         | 14443           | 49.95         |
| MUs                | 132.62      | 11.43 | 7.59 | 151.64 | 2.92 | 77.07        | 1.14  | 92.76       | 95.04       | -16.43       | -22.76               | 305.45                | 6.58                 | 312.02                    | 47.31                        | 359.34          | 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 16/Mar/2014**

Position as on 6.30 Hrs of 17/Mar/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                       |               |
| <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. |               |
| 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                |               |
| Koradi Unit 5           | 200      | 23/02/2014   | 04.04        |            | Continued. | ID Fan Problem.                      |               |
| CPP JSW (J) U2          | 300      | 28/02/2014   | 17.52        |            | Continued. | No Schedule.                         |               |
| CPP JSW (J) U1          | 300      | 12/03/2014   | 12:00        |            | Continued. | Condinsor Tube Leakage.              |               |
| Chandrapur Unit 6       | 500      | 13/03/2014   | 10.07        | 16/03/2014 | 19.18      | Diff.Protection Operated.            |               |
| Cent_Sect Tarapur 2     | 160      | 13/03/2014   | 11:02        |            | Continued. | Trip while Functional check.         |               |
| Khaparkheda Unit 3      | 210      | 15/03/2014   | 22.24        | 16/03/2014 | 1.16       | furance pressure high                |               |
| Uran Unit 6             | 108      | 16/03/2014   | 08.03        |            | Continued. | gas shortage                         |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 16/Mar/2014**

Position as on 6.30 Hrs of 17/Mar/2014

| Name of Line                           | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                               |
|----------------------------------------|--------------|--------------|-----------------------------------|--------------------|--------------------------------------------------------------------------------|
| <b>InterState</b>                      |              |              |                                   |                    |                                                                                |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                |
| A"Bad - A'Bad (PG)- II                 | 07/03/2014   | 15.11        |                                   | Continued.         | Outage.(lilo bypass)                                                           |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                |
| Borivali -Tarapur                      | 07/12/2013   | 10.15        | 16/03/2014                        | 16.05              | mumbai stringing work                                                          |
| Mudshingi-Chikodi                      | 17/03/2014   | 11.14        | 17/03/2014                        | 19.37              | Due to outage on Mudshingi-Talandage-I.                                        |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                |
| Kolhapur - Mapusa - I                  | 15/03/2014   | 16.21        | 16/03/2014                        | 8.50               | over voltage                                                                   |
| Dhule-Sar'Sarovar - II                 | 15/03/2014   | 20.42        | 16/03/2014                        | 7.13               | over voltage                                                                   |
| Kolhapur - Mapusa - II                 | 16/03/2014   | 16.09        |                                   | Continued.         | over voltage                                                                   |
| Dhule-Sar'Sarovar - I                  | 16/03/2014   | 20.16        |                                   | Continued.         | over voltage                                                                   |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                |
| Solapur-Solapur(PGCIL)                 | 26/02/2014   | 19.39        | 17/03/2014                        | 20.22              | Distance Protection.tower collapse loc 110                                     |
| Karad - Solapur (PGCIL)                | 26/02/2014   | 19.54        | 17/03/2014                        | 22.45              | Distance Protection.                                                           |
| Kolhapur-Solapur (PG) II               | 10/03/2014   | 19.38        |                                   | Continued.         | Dist.Prot,Conductor Snap at 47 Kms.from Solapur PG at Loc no 128,129 collapse. |
| <b>IntraState</b>                      |              |              |                                   |                    |                                                                                |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                |
| 400/220KV,500MVA ICT-III At Kalwa.     | 15/03/2014   | 9.36         | 16/03/2014                        | 11.43              | bkr timeing & crm. taken on tbc                                                |
| 400/220KV 500MVA ICT-III at Bableshwar | 16/03/2014   | 11.00        | 16/03/2014                        | 18.37              | beam errection of new kudas bay, passing of rope stay thr.400kv aux bus        |
| 400/220KV 315MVA ICT-II @ BBLSR        | 17/03/2014   | 13.20        | 17/03/2014                        | 15.58              | Jumper work.                                                                   |
| Karad-Lamboti                          | 17/03/2014   | 15.00        | 17/03/2014                        | 20.22              | To remove bunching arrangement work.                                           |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                |
| Ghodbandar - Bhoisor (MSETCL)          | 07/12/2013   | 10.38        | 16/03/2014                        | 16.08              | MUMBAI STRENGTENING WORK                                                       |
| Borivali - Ghodbandar - II             | 05/02/2014   | 10.14        | 16/03/2014                        | 16.05              | Tower Erection of Loc.8 & M/C Stringing.                                       |
| Pedambe-Mahad                          | 17/03/2014   | 07.05        | 17/03/2014                        | 19.45              | PM of 220KV Main Bus isolators.                                                |
| Pophali - Pedambe - I                  | 17/03/2014   | 07.15        | 17/03/2014                        | 19.55              | To attend unwound & cut strands of B-Ph W/T.                                   |
| Main Bus - I @ Pedambe                 | 17/03/2014   | 07.16        | 17/03/2014                        | 19.25              | PM of 220KV Main Bus isolators.                                                |
| Pedambe-Newkoyna                       | 17/03/2014   | 07.16        | 17/03/2014                        | 20.18              | PM of 220KV Main Bus isolators.                                                |
| Mudshingi-Talangade - I                | 17/03/2014   | 11.50        | 17/03/2014                        | 17.37              | DSN work of tower,repl of string.                                              |
| <b>Voltage Level : 132KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                |
| Chinchwad - Ganeshkhind                | 15/03/2014   | 22.25        | 16/03/2014                        | 6.25               | replacement of t/f no-6 132kv bus isolator replacement under jica-2            |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                |
| New Koyna - Dabhol - I                 | 06/02/2014   | 00.02        |                                   | Continued.         | Over Voltage.(RFC 20.35 Hrs on 16.02.14)                                       |
| Dabhol-Nagothane - II                  | 28/02/2014   | 21.35        |                                   | Continued.         | Over Voltage.                                                                  |
| Karad-Jaigad I                         | 15/03/2014   | 16.41        | 16/03/2014                        | 7.55               | over voltage                                                                   |
| Bhusawal- Aurangabad                   | 15/03/2014   | 17.22        | 16/03/2014                        | 8.15               | over voltage                                                                   |
| 400/220KV,315 MVA ICT-I                | 16/03/2014   | 0.46         | 16/03/2014                        | 3.16               | 220kv bus bar protection operated                                              |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 16/Mar/2014**

Position as on 6.30 Hrs of 17/Mar/2014

| Name of Line                        | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                                                      |
|-------------------------------------|--------------|--------------|----------------------------|--------------------|-----------------------------------------------------------------------|
| at Kolhapur.                        |              |              |                            |                    |                                                                       |
| Main Bus-II @ Kolhapur              | 16/03/2014   | 00.46        | 16/03/2014                 | 03.03              | due to theft of c isolator rod of 220kv mudshingi 2                   |
| Bus Coupler @ Kolhapur              | 16/03/2014   | 00.46        | 16/03/2014                 | 03.03              | 220kv bus bar protection operated                                     |
| 400/220 KV 315MVA ICT-II @ Kolhapur | 16/03/2014   | 00.46        | 16/03/2014                 | 3.13               | 220kv bus bar protection operated                                     |
| Warora-Tiroda-I                     | 17/03/2014   | 1.53         |                            | Continued.         | emergency outage due to heavy sparking at b ph wave trapat warora end |
| Lonikand- Koyna Stage IV            | 17/03/2014   | 23.59        |                            | Continued.         | Over Voltage.                                                         |
| <b>Voltage Level : 400KV</b>        |              |              | <b>Outage Type TRIPPED</b> |                    |                                                                       |
| Lonikand- Koyna Stage IV            | 16/03/2014   | 00.01        | 16/03/2014                 | 7.03               | over voltage                                                          |
| 400/220 KV 315 MVA ICT - I @ Chakan | 16/03/2014   | 12.25        | 16/03/2014                 | 15.50              | y-ph bucholz on hv optd                                               |
| Karad-Jaigad I                      | 16/03/2014   | 15.35        |                            | Continued.         | over voltage                                                          |
| Bus Coupler @ Babaleshwar           | 16/03/2014   | 16.39        | 16/03/2014                 | 17.00              | during hot line work busbarport operate                               |
| Padgha - Babaleshwar - II           | 16/03/2014   | 16.39        | 16/03/2014                 | 17.08              | during hot line work busbarport operate                               |
| Babaleshwar - Bhusawal              | 16/03/2014   | 16.39        | 16/03/2014                 | 17.06              | during hot line work busbarport operate                               |
| Babaleshwar - Dhule - II            | 16/03/2014   | 16.39        | 16/03/2014                 | 17.15              | during hot line work busbarport operate                               |
| Khadka - Aurangabad                 | 16/03/2014   | 17.07        |                            | Continued.         | over voltage                                                          |
| Karad-Kolhapur-II                   | 16/03/2014   | 17.08        |                            | Continued.         | over voltage                                                          |
| Karad - Kolhapur - I                | 17/03/2014   | 16.33        | 17/03/2014                 | 22.15              | Over Voltage.                                                         |
| Nagothane-Dabhol-I                  | 17/03/2014   | 17.06        |                            | Continued.         | Over Voltage.                                                         |
| <b>Voltage Level : 220KV</b>        |              |              | <b>Outage Type TRIPPED</b> |                    |                                                                       |
| Kolhapur-Ichalkaranji               | 16/03/2014   | 0.46         | 16/03/2014                 | 3.18               | due to theft of c isolator rod of 220kv mudsingi 2                    |
| Kolhapur-Mudsingi -II               | 16/03/2014   | 0.46         | 16/03/2014                 | 13.20              | due to of c isolator rod at 220kv mudshingi-2                         |
| Pedambe - Mahad                     | 16/03/2014   | 12.20        | 16/03/2014                 | 12.40              | tripped on pedambe end only                                           |
| Lonikand-Ranjangaon                 | 16/03/2014   | 15.00        | 16/03/2014                 | 15.28              | distance protection                                                   |
| Nasik--Babhaleshwar                 | 16/03/2014   | 16.39        | 16/03/2014                 | 17.48              | during hot line work busbarport operate                               |
| Chikhali - Jalna - I                | 16/03/2014   | 20.10        |                            | Continued.         | y -phase ct burst bus bar port operate                                |
| Chikhali - Jalna - II               | 16/03/2014   | 20.10        |                            | Continued.         | bus bar port opt.                                                     |
| Chikali - Paras - I                 | 16/03/2014   | 20.10        | 16/03/2014                 | 20.42              | bus bar port opt.                                                     |
| Chikali - Paras - II                | 16/03/2014   | 20.10        | 16/03/2014                 | 20.53              | bus bar port opt.                                                     |
| ICT-1@Chikhali                      | 16/03/2014   | 20.10        | 16/03/2014                 | 20.45              | bus bar port opt.                                                     |
| ICT-2@Chikhali                      | 16/03/2014   | 20.10        | 16/03/2014                 | 20.53              | bus bar port opt.                                                     |
| Khaperkheda - Ambazari - II         | 17/03/2014   | 15.23        | 17/03/2014                 | 20.01              | Dist Prot.                                                            |
| <b>Voltage Level : 132KV</b>        |              |              | <b>Outage Type TRIPPED</b> |                    |                                                                       |
| Ambazari - Amravati                 | 17/03/2014   | 13.36        | 17/03/2014                 | 21.37              | 132KV Bus Bar Prot.Optd.                                              |
| Amravati - Tiwsa                    | 17/03/2014   | 13.36        | 17/03/2014                 | 13.54              | 132KV Bus Bar Prot.Optd.                                              |
| Interconnector at Amravati          | 17/03/2014   | 13.36        | 17/03/2014                 | 13.43              | 132KV Bus Bar Prot.Optd.                                              |
| Half Bus Sec.I at Amravati          | 17/03/2014   | 13.36        | 17/03/2014                 | 13.43              | 132KV Bus Bar Prot.Optd.                                              |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 17/Mar/2014

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 140         |
| Unit 7             | 210                   | 155         |
|                    | <b>620</b>            | <b>295</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 140         |
| Unit 3             | 210                   | 140         |
| Unit 4             | 500                   | 430         |
| Unit 5             | 500                   | 376         |
|                    | <b>1420</b>           | <b>1086</b> |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 160         |
| Unit 5             | 210                   | 160         |
| Unit 6             | 250                   | 180         |
| Unit 7             | 250                   | 180         |
|                    | <b>1130</b>           | <b>680</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 140         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 440         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1930</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 250         |
| Unit 4             | 250                   | 250         |
|                    | <b>500</b>            | <b>500</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 195         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 500         |
|                    | <b>1340</b>           | <b>1255</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                   | 290         |
|                    | <b>852</b>            | <b>290</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    | 0           |
|                    | <b>53</b>             | <b>0</b>    |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 36          |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 0           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 0           |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 14          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>150</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                  | 501         |
| WARDHA           | 405                   | 175         |
| Adani            | 1980                  | 1851        |
| Other CPPs       | 300                   | 465         |
|                  | <b>3885</b>           | <b>2992</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                  | 3799        |
|                  | <b>3455</b>           | <b>3799</b> |