



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**13/Feb/2015**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 13/Feb/2015 FRIDAY**

| <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                      | 122.178        | 1570.053        | 1) Gujrat                      | -2.900         | 26.073          |
| 2) Hydro                        | 7.633          | 110.804         | 2) Madhya Pradesh              | 15.417         | 184.517         |
| 3) Gas                          | 3.749          | 109.809         | 3) Chattisgarh                 | 6.180          | 78.390          |
| <b>Total MSGENCO</b>            | <b>133.560</b> | <b>1790.666</b> | 4) Maharashtra Net             | 107.010        | 1307.958        |
| <b>B) 1) JSW JAIGAD</b>         | 12.128         | 184.128         | (Incl. 765kV Solapur-Raichur)  | -13.055        | -125.429        |
| 2) WPCL                         | 2.868          | 35.858          | 5) Goa                         | -6.713         | -82.015         |
| 3) ADANI                        | 43.630         | 554.980         | 6) TAPS 1&2 Injection          | 3.789          | 48.425          |
| 4) Other CPP / IPP              | 25.377         | 332.506         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 5) Wind Generation              | 3.692          | 81.523          | 8) Pench (Excess)              | -0.543         | -6.931          |
| 6) PENCH (MS)                   | 0.543          | 6.931           | <b># Total Cent. Sector</b>    | <b>122.240</b> | <b>1556.417</b> |
| 7) SOLAR                        | 1.172          | 13.979          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) 1) TPCL Thermal</b>       | 9.214          | 118.654         | 1) With TPCL (Excess)          | -25.522        | -353.382        |
| 2) TPCL Hydro                   | 4.999          | 64.379          | <b>G) Bilateral Power *</b>    |                |                 |
| <b>TOTAL TPCL</b>               | <b>14.213</b>  | <b>183.033</b>  | 1) MSEDCL Bilateral            | 30.442         | 367.469         |
| 3) REL Thermal                  | 11.054         | 88.981          | Include PX                     | 3.349          | 39.182          |
| <b>D) STATE</b>                 |                |                 | 2) MUMBAI Bilateral            | 20.133         | 291.470         |
| <b>1) Thermal (A1+C1+C3)</b>    | 142.446        | 1777.688        | Include PX                     | 3.638          | 60.768          |
| <b>2) Hydro (A2+B6+C2)</b>      | 13.175         | 182.114         | 3) MUMBAI Schedule             | 20.133         | 294.162         |
| <b>3) Gas (A3)</b>              | 3.749          | 109.809         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| <b>4) Wind (B5)</b>             | 3.692          | 81.523          | 1) MSEDCL                      | 319.688        | 4203.606        |
| <b>5) CPP/IPP (B1+B2+B3+B4)</b> | 84.003         | 1107.472        | 2) TPCL                        | 31.266         | 386.847         |
| <b>6) SOLAR (B7)</b>            | 1.172          | 13.979          | 3) REL                         | 19.520         | 238.541         |
| <b>TOTAL STATE</b>              | <b>248.237</b> | <b>3272.585</b> | <b>TOTAL STATE</b>             | <b>370.474</b> | <b>4828.994</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 14 Hrs</b> | <b>C. Night Minimum at 2 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 5442                             | 5558                             | 4506                             |
| MSGENCO Hydro                   | 721                              | 409                              | 133                              |
| MSGENCO Gas                     | 147                              | 140                              | 154                              |
| <b>MSGENCO Total Generation</b> | <b>6310</b>                      | <b>6107</b>                      | <b>4793</b>                      |
| <b>Central Sector Receipt</b>   | <b>6039</b>                      | <b>5099</b>                      | <b>4471</b>                      |
| <b>WIND</b>                     | <b>93</b>                        | <b>23</b>                        | <b>210</b>                       |
| <b>CPP / IPP</b>                | <b>3629</b>                      | <b>3701</b>                      | <b>3307</b>                      |
| <b>SOLAR</b>                    | <b>153</b>                       | <b>171</b>                       | <b>0</b>                         |
| <b>Exchange with Mumbai</b>     | <b>-1243</b>                     | <b>-1280</b>                     | <b>-732</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>14992</b>                     | <b>13844</b>                     | <b>12076</b>                     |
| <b>Load Shedding</b>            | <b>667</b>                       | <b>837</b>                       | <b>74</b>                        |
| <b>MSEDCL DEMAND</b>            | <b>15659</b>                     | <b>14681</b>                     | <b>12150</b>                     |
| <b>TPCL GENERATION</b>          | <b>842</b>                       | <b>728</b>                       | <b>350</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>518</b>                       | <b>519</b>                       | <b>392</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2603</b>                      | <b>2527</b>                      | <b>1474</b>                      |
| <b>STATE DEMAND MET</b>         | <b>17595</b>                     | <b>16371</b>                     | <b>13550</b>                     |
| <b>STATE DEMAND</b>             | <b>18262</b>                     | <b>17208</b>                     | <b>13624</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.99</b>                     | <b>49.99</b>                     | <b>49.93</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.32 Hz at 18.01 Hrs</b> | <b>49.68 Hz at 18.42 Hrs</b> | <b>49.96</b>         | <b>0 % of Time(min)</b>    |

\* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 13/Feb/2015

| 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           | 4.09        | 51.28         | 177      | 160      | 165      |
| Unit 7           | 4.01        | 48.98         | 180      | 151      | 175      |
| Total            | 8.10        | 100.25        |          |          | 340      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 10.36       | 127.87        | 505      | 360      | 360      |
| Unit 5           | 0.00        | 36.44         | 0        | 0        | 0        |
| Total            | 10.36       | 164.31        |          |          | 360      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.76        | 48.44         | 169      | 149      | 160      |
| Unit 5           | 3.58        | 46.67         | 160      | 143      | 145      |
| Unit 6           | 4.73        | 62.63         | 250      | 168      | 188      |
| Unit 7           | 4.75        | 62.03         | 248      | 180      | 188      |
| Total            | 16.83       | 219.77        |          |          | 681      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 3.01        | 39.09         | 128      | 122      | 130      |
| Unit 3           | 4.22        | 44.26         | 201      | 140      | 200      |
| Unit 4           | 4.37        | 42.52         | 193      | 168      | 200      |
| Unit 5           | 9.91        | 128.71        | 450      | 370      | 450      |
| Unit 6           | 8.23        | 88.61         | 415      | 0        | 400      |
| Unit 7           | 9.54        | 126.14        | 452      | 338      | 450      |
| Total            | 39.29       | 469.33        |          |          | 1830     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.02        | 63.69         | 230      | 190      | 220      |
| Unit 4           | 5.13        | 47.08         | 230      | 191      | 220      |
| Total            | 10.15       | 110.78        |          |          | 440      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.37        | 53.65         | 200      | 170      | 205      |
| Unit 2           | 3.97        | 48.90         | 180      | 155      | 180      |
| Unit 3           | 4.89        | 59.10         | 215      | 182      | 210      |
| Unit 4           | 0.00        | 52.12         | 0        | 0        | 0        |
| Unit 5           | 11.03       | 144.12        | 500      | 400      | 500      |
| Total            | 24.26       | 357.88        |          |          | 1095     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.43        | 43.24         | 200      | 165      | 182      |
| Unit 4           | 4.38        | 48.69         | 199      | 168      | 182      |
| Unit 5           | 4.38        | 55.81         | 193      | 171      | 182      |
| Total            | 13.19       | 147.74        |          |          | 546      |
| Uran             |             |               |          |          |          |
| All Units        | 3.75        | 109.81        | 258      | 140      | 165      |
| Total            | 3.75        | 109.81        |          |          | 165      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.54        | 6.93          | 27       | 7        |          |
| Total            | 0.54        | 6.93          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.55        | 36.09         | 435      | 40       | 600      |
| Stage 4          | 0.54        | 15.51         | 200      | 0        | 250      |
| Stage 3          | 0.71        | 11.32         | 160      | 0        | 320      |
| Kovna 12&4 Total | 3.09        | 51.60         |          |          | 850      |

| Generating unit    | Generation   |                |                |          | OLC (MW)     |
|--------------------|--------------|----------------|----------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus)  | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>3.80</b>  | <b>62.92</b>   |                |          | <b>1170</b>  |
| <b>Hydro</b>       |              |                |                |          |              |
| KDPH               | 0.89         | 6.54           | 38             | 37       | 19           |
| VTRNA              | 0.00         | 0.00           | 0              | 0        | 0            |
| TILLARI            | 0.25         | 1.78           | 64             | 0        | 0            |
| BHTGR/VEER         | 0.00         | 0.54           | 0              | 0        | 0            |
| BHIRA T.R.         | 0.30         | 3.49           | 40             | 0        | 40           |
| RNGR+BHTSA         | 0.33         | 4.45           | 14             | 13       | 14           |
| BHANDARDRA         | 0.11         | 0.11           | 13             | 0        | 0            |
| ELDARY             | 0.00         | 3.20           | 0              | 0        | 0            |
| SMLHY PTN          | 0.87         | 13.04          | 44             | 33       | 10           |
| GHATGHAR           | 1.08         | 14.73          | 125            | 0        | 0            |
| <b>Total</b>       | <b>3.83</b>  | <b>47.88</b>   |                |          | <b>83</b>    |
| <b>Wind</b>        |              |                |                |          |              |
| MalharPeth         | 0.12         | 1.72           |                |          |              |
| Vankuswadi         | 0.23         | 3.15           |                |          |              |
| ATIT               | 0.03         | 0.30           |                |          |              |
| Kale               | 0.11         | 1.25           |                |          |              |
| Satara             | 1.96         | 35.28          |                |          |              |
| Shirala            | 0.16         | 2.05           |                |          |              |
| K Mahankal         | 0.01         | 0.29           |                |          |              |
| Supa               | 0.12         | 1.17           |                |          |              |
| Vita               | 0.40         | 12.10          |                |          |              |
| Dondaicha          | 0.15         | 12.83          |                |          |              |
| Sakri              | 0.00         | 1.80           |                |          |              |
| Nandurbar          | 0.22         | 4.20           |                |          |              |
| Khandke            | 0.15         | 3.68           |                |          |              |
| Khaparale          | 0.06         | 1.72           |                |          |              |
| <b>Total</b>       | <b>3.69</b>  | <b>81.52</b>   |                |          |              |
| <b>CPP</b>         |              |                |                |          |              |
| JSW JAIGAD         | 12.13        | 184.13         | 563            | 386      | 519          |
| WARDHA             | 2.87         | 35.86          | 122            | 113      | 120          |
| Adani              | 43.63        | 554.98         | 1910           | 1710     | 1900         |
| Other CPPs         | 25.38        | 332.51         |                |          | 745          |
| <b>Total</b>       | <b>84.00</b> | <b>1107.47</b> |                |          | <b>3284</b>  |
| <b>SOLAR</b>       |              |                |                |          |              |
| Total              | 1.17         | 13.98          |                |          |              |
| <b>Total</b>       | <b>1.17</b>  | <b>13.98</b>   |                |          |              |
| <b>Tata</b>        |              |                |                |          |              |
| Trombay 4          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 5          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 6          | 3.61         | 46.82          | 151            | 150      | 500          |
| Trombay 7A         | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 7B         | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 8          | 5.60         | 71.83          | 252            | 200      | 250          |
| TATA Hydro         | 5.00         | 64.38          | 443            | 0        | 447          |
| <b>Total</b>       | <b>14.21</b> | <b>183.03</b>  |                |          | <b>1197</b>  |
| <b>REL</b>         |              |                |                |          |              |
| 1&2                | 11.05        | 88.98          | 520            | 388      | 500          |
| <b>Total</b>       | <b>11.05</b> | <b>88.98</b>   |                |          | <b>500</b>   |
| <b>Cent Sect</b>   |              |                |                |          |              |
| Share              |              |                |                |          | 6061         |
| <b>Total</b>       |              |                |                |          | <b>6061</b>  |
| MS PG CL           | Thermal      | 122.18         | 1570.05        |          | 5292         |
|                    | Thml+Gas     | 125.93         | 1679.86        |          | 5457         |
|                    | Hydro        | 7.63           | 110.80         |          | 1253         |
|                    | <b>Total</b> | <b>133.56</b>  | <b>1790.67</b> |          | <b>6710</b>  |
| <b>State Total</b> |              | <b>248.24</b>  | <b>3272.58</b> |          | <b>17752</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 13/Feb/2015

| 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                  | 4580        | 123  | 154  | 4857   | 162  | 3356         | 0     | 4889        | 4768        | -641         | -806                 | 12364                 | 92                   | 12456                     | 1611                         | 14067           | 49.93         |
| 2                  | 4506        | 133  | 154  | 4793   | 210  | 3307         | 0     | 4918        | 4471        | -573         | -732                 | 12076                 | 74                   | 12150                     | 1474                         | 13624           | 49.93         |
| 3                  | 4660        | 124  | 154  | 4938   | 236  | 3312         | 0     | 4800        | 4423        | -582         | -659                 | 12277                 | 77                   | 12354                     | 1403                         | 13757           | 49.98         |
| 4                  | 4746        | 124  | 155  | 5025   | 316  | 3265         | 0     | 4400        | 4193        | -580         | -623                 | 12203                 | 77                   | 12280                     | 1366                         | 13646           | 49.98         |
| 5                  | 4803        | 129  | 155  | 5087   | 316  | 3284         | 0     | 4667        | 4589        | -530         | -640                 | 12663                 | 78                   | 12741                     | 1381                         | 14122           | 49.99         |
| 6                  | 4855        | 129  | 155  | 5139   | 312  | 3356         | 0     | 5093        | 5022        | -597         | -758                 | 13098                 | 109                  | 13207                     | 1497                         | 14704           | 49.93         |
| 7                  | 5206        | 219  | 156  | 5581   | 294  | 3583         | 1     | 5242        | 5105        | -771         | -728                 | 13863                 | 245                  | 14108                     | 1706                         | 15814           | 49.87         |
| 8                  | 5359        | 443  | 156  | 5958   | 193  | 3663         | 22    | 5544        | 5352        | -804         | -773                 | 14438                 | 450                  | 14888                     | 1866                         | 16754           | 49.88         |
| 9                  | 5398        | 536  | 155  | 6089   | 165  | 3711         | 47    | 5869        | 6023        | -774         | -866                 | 15195                 | 379                  | 15574                     | 2155                         | 17729           | 49.95         |
| 10                 | 5398        | 657  | 156  | 6211   | 148  | 3646         | 104   | 5903        | 5806        | -985         | -1046                | 14895                 | 649                  | 15544                     | 2407                         | 17951           | 49.92         |
| 11                 | 5442        | 721  | 147  | 6310   | 93   | 3629         | 153   | 6003        | 6039        | -1174        | -1243                | 14992                 | 667                  | 15659                     | 2603                         | 18262           | 49.99         |
| 12                 | 5493        | 580  | 142  | 6215   | 41   | 3728         | 145   | 5846        | 5846        | -1207        | -1376                | 14610                 | 766                  | 15376                     | 2659                         | 18035           | 49.99         |
| 13                 | 5554        | 580  | 140  | 6274   | 19   | 3695         | 151   | 5539        | 5552        | -1171        | -1309                | 14389                 | 857                  | 15246                     | 2637                         | 17883           | 49.96         |
| 14                 | 5558        | 409  | 140  | 6107   | 23   | 3701         | 171   | 5356        | 5099        | -1034        | -1280                | 13844                 | 837                  | 14681                     | 2527                         | 17208           | 49.99         |
| 15                 | 5518        | 310  | 141  | 5969   | 36   | 3712         | 142   | 5512        | 5370        | -1058        | -1243                | 13999                 | 338                  | 14337                     | 2456                         | 16793           | 49.98         |
| 16                 | 5323        | 349  | 142  | 5814   | 42   | 3706         | 125   | 5529        | 5547        | -1069        | -1217                | 14043                 | 172                  | 14215                     | 2564                         | 16779           | 49.84         |
| 17                 | 5264        | 190  | 145  | 5599   | 68   | 3553         | 74    | 5466        | 5217        | -1060        | -1264                | 13273                 | 151                  | 13424                     | 2544                         | 15968           | 49.95         |
| 18                 | 4997        | 302  | 145  | 5444   | 145  | 3411         | 32    | 4396        | 4939        | -859         | -1357                | 12627                 | 120                  | 12747                     | 2454                         | 15201           | 50.01         |
| 19                 | 4871        | 588  | 147  | 5606   | 174  | 3326         | 0     | 4343        | 4652        | -903         | -1304                | 12481                 | 118                  | 12599                     | 2479                         | 15078           | 49.91         |
| 20                 | 5097        | 303  | 147  | 5547   | 171  | 3471         | 0     | 4979        | 5131        | -983         | -1234                | 13113                 | 226                  | 13339                     | 2478                         | 15817           | 50.03         |
| 21                 | 5135        | 152  | 151  | 5438   | 194  | 3537         | 5     | 4961        | 4898        | -811         | -1276                | 12823                 | 146                  | 12969                     | 2351                         | 15320           | 50.04         |
| 22                 | 4848        | 139  | 167  | 5154   | 107  | 3405         | 0     | 4748        | 4695        | -761         | -1340                | 12048                 | 115                  | 12163                     | 2218                         | 14381           | 50.01         |
| 23                 | 4792        | 249  | 187  | 5228   | 124  | 3285         | 0     | 4517        | 4801        | -603         | -1338                | 12114                 | 94                   | 12208                     | 2102                         | 14310           | 49.96         |
| 24                 | 4775        | 144  | 258  | 5177   | 103  | 3361         | 0     | 4665        | 4702        | -602         | -1110                | 12260                 | 87                   | 12347                     | 1851                         | 14198           | 50.02         |
| MUs                | 122.18      | 7.63 | 3.75 | 133.56 | 3.69 | 84.00        | 1.17  | 123.18      | 122.24      | -20.13       | -25.52               | 319.69                | 6.92                 | 326.61                    | 50.79                        | 377.40          | 49.96         |

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 13/Feb/2015**

Position as on 6.30 Hrs of 14/Feb/2015

| 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                   |               |
| Cent_Sect Tarapur 1     | 160      | 12/10/2014   | 22.39        |            | Continued. | Refuelling work.(60Days)         |               |
| Tata Trombay 5          | 500      | 03/01/2015   | 20.30        |            | Continued. | Annual Maintenance               |               |
| Bhusawal Unit 3         | 210      | 20/01/2015   | 08.02        |            | Continued. | Annual Overhaul                  | 10/02/2015    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                  |               |
| Dabhol 1B               | 230      | 28/05/2013   | 22.02        |            | Continued. | Gas shortage.                    |               |
| Dabhol 3A               | 230      | 06/06/2013   | 08.28        |            | Continued. | Gas Shortage                     |               |
| Dabhol 2A               | 230      | 06/06/2013   | 09.10        |            | Continued. | Gas Shortage                     |               |
| Dabhol 1X               | 290      | 27/06/2013   | 21.46        |            | Continued. | Gas Shortage                     |               |
| Dabhol 1A               | 230      | 27/06/2013   | 21.47        |            | Continued. | Gas Shortage                     |               |
| Dabhol 2X               | 290      | 15/07/2013   | 15.09        |            | Continued. | Gas Shortage                     |               |
| Dabhol 2B               | 230      | 08/08/2013   | 15.03        |            | Continued. | Gas Shortage                     |               |
| Dabhol 3X               | 290      | 29/12/2013   | 05.47        |            | Continued. | Gas Shortage                     |               |
| Dabhol 3B               | 230      | 29/12/2013   | 06.14        |            | Continued. | Gas Shortage                     |               |
| CPP WPCL U-2            | 135      | 18/02/2014   | 00.02        |            | Continued. | Ash Conveying problem            |               |
| CPP Dhariwal            | 300      | 28/05/2014   | 02.27        |            | Continued. | PA Fan Vibration Problem. (U-1). |               |
| Koradi Unit 5           | 200      | 17/06/2014   | 11.53        |            | Continued. | economic shutdown                |               |
| Chandrapur Unit 1       | 210      | 28/08/2014   | 07.15        |            | Continued. | economic shutdown                |               |
| Bhusawal Unit 2         | 210      | 13/09/2014   | 12.43        |            | Continued. | Economic shutdown                |               |
| CPP WPCL U-1            | 135      | 30/10/2014   | 00.43        |            | Continued. | ESP Bag Filter Damaged           |               |
| Tata Trombay 7B         | 60       | 11/12/2014   | 20.39        |            | Continued. | Rotor Fault.                     | 25/02/2015    |
| Tata Trombay 7A         | 120      | 11/12/2014   | 21.51        |            | Continued. | Rotor Fault.                     | 25/02/2015    |
| CPP WPCL U-4            | 135      | 25/01/2015   | 22.27        |            | Continued. | ID Fan problem                   |               |
| Uran Unit 8             | 108      | 26/01/2015   | 12.22        |            | Continued. | Gas Shortage                     |               |
| CPP IPL U-1             | 270      | 27/01/2015   | 21.55        |            | Continued. | Coal Shortage                    |               |
| CPP JSW (J) U1          | 300      | 03/02/2015   | 14:20        |            | Continued. | P.A Fan Problem.                 |               |
| CPP JSW (J) U3          | 300      | 03/02/2015   | 21.27        |            | Continued. | Due to Unavailability of Load..  |               |
| CPP Adani U-3           | 660      | 06/02/2015   | 11.42        |            | Continued. | GT Bushing Repl work.            |               |
| Bhusawal Unit 5         | 500      | 07/02/2015   | 13:57        |            | Continued. | Clinker Formation.               |               |
| Hydro GhatgharU2        | 125      | 08/02/2015   | 10.00        |            | Continued. | Coller Oil Leakage.              |               |
| Uran Unit 5             | 108      | 09/02/2015   | 10.04        | 13/02/2015 | 21.27      | Gas Shortage.                    |               |
| Uran Unit 7             | 108      | 11/02/2015   | 23.27        |            | Continued. | Gas Shortage.                    |               |
| Uran Unit B0            | 120      | 11/02/2015   | 23.27        |            | Continued. | Gas Shortage.                    |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 13/Feb/2015**

Position as on 6.30 Hrs of 14/Feb/2015

| Name of Generating Unit | Capacity | Tripped Date | Trippe d Time | Sync.Date  | Sync. Time | Reason of Outage                   | Expected Date |
|-------------------------|----------|--------------|---------------|------------|------------|------------------------------------|---------------|
| Khaparkheda Unit 4      | 210      | 12/02/2015   | 15.53         | 14/02/2015 | 04.23      | BTL.                               |               |
| Chandrapur Unit 6       | 500      | 12/02/2015   | 19.18         | 13/02/2015 | 01.48      | Unit Auxillary Tranformer Tripped. |               |
| Chandrapur Unit 2       | 210      | 14/02/2015   | 04.14         |            | Continued. | Instrument air pressure low.       |               |
| Khaparkheda Unit 4      | 210      | 14/02/2015   | 04.46         | 14/02/2015 | 05.28      | Generator Protection.              |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 13/Feb/2015**

Position as on 6.30 Hrs of 14/Feb/2015

| Name of Line                             | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                           |
|------------------------------------------|--------------|--------------|-----------------------------------|-------------------|------------------------------------------------------------|
| <b>InterState</b>                        |              |              |                                   |                   |                                                            |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                            |
| Tarapur - Borivali                       | 21/11/2014   | 14.51        |                                   | Continued.        | Mumbai Strengthening work.                                 |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                            |
| Kolhapur - Mapusa - I                    | 12/02/2015   | 16.23        | 13/02/2015                        | 06.56             | Over Voltage.                                              |
| Dhule-Sar'Sarovar - I                    | 12/02/2015   | 17.32        | 13/02/2015                        | 06.55             | Over Voltage.                                              |
| Kolhapur-Solapur(PGCIL)-I                | 12/02/2015   | 18.17        | 13/02/2015                        | 06.23             | Over Voltage.                                              |
| Dhule-Sar'Sarovar - I                    | 13/02/2015   | 16.24        | 14/02/2015                        | 06.13             | Over Voltage.                                              |
| Kolhapur - Mapusa - I                    | 13/02/2015   | 17.11        |                                   | Continued.        | Over Voltage.                                              |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                            |
| Karad - Solapur (PGCIL)                  | 13/02/2015   | 17.47        | 14/02/2015                        | 06.49             | Over Voltage.                                              |
| Dabhol-Nagothane - II                    | 13/02/2015   | 18.02        |                                   | Continued.        | Over Voltage.                                              |
| <b>IntraState</b>                        |              |              |                                   |                   |                                                            |
| <b>Voltage Level : 500KV</b>             |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                            |
| 765KV Koradi III-Akola II Ckt.I          | 13/02/2015   | 09.49        |                                   | Continued.        | 706 main bay line charged to Th,TBC.                       |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                            |
| 400/220 Kv ICT - II LV BKR at Lonikand.  | 07/02/2015   | 11:59        |                                   | Continued.        | ICT Taken on TBC.                                          |
| Chandrapur II - Dhariwal - I             | 08/02/2015   | 10.57        |                                   | Continued.        | PM of line & line bay at DIL end                           |
| Bblswr - Padgha - II                     | 10/02/2015   | 00.37        |                                   | Continued.        | Shifted to TBC to Attend Hot Spot.                         |
| Akola II- Indiabull (Nandgaonpeth)       | 13/02/2015   | 12.28        | 13/02/2015                        | 23.06             | Disc string Repl.                                          |
| Tie Bay (A'bad-BBLSR I)402 at Taptitanda | 13/02/2015   | 14.20        | 13/02/2015                        | 18.05             | To attend noise in 89B R-Ph isolator.                      |
| 400/220 KV 600 MVA ICT - IV @ Padgha     | 13/02/2015   | 15.09        | 13/02/2015                        | 17.30             | CT Tan delta measurement.                                  |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                            |
| Ghodbandar - Bhoisor (MSETCL)            | 25/11/2014   | 11.36        |                                   | Continued.        | Erection & Stringing Work.                                 |
| TBC @ 400 KV Parli-II                    | 07/01/2015   | 15.48        |                                   | Continued.        | Shifting of CR Panel from 220KV Girawali C/R to 400KV C/R. |
| Ghatghar - Washala                       | 13/02/2015   | 08.35        |                                   | Continued.        | R-Ph CT Repl.                                              |
| Kanhan - Bhandara - II                   | 13/02/2015   | 08.40        | 13/02/2015                        | 18.15             | Diagnostic testing work and general maint.                 |
| 220/132 KV 200 MVA ICT - II @ Malegaon   | 13/02/2015   | 09.20        | 13/02/2015                        | 16.05             | Q.M.Work.                                                  |
| Borivali - Tata - V                      | 13/02/2015   | 09.33        | 13/02/2015                        | 21.05             | Maint.Work.                                                |
| 220/132 KV 200 MVA T/F - II @ Lonand     | 13/02/2015   | 09.50        | 13/02/2015                        | 21.20             | Oil Leakage.                                               |
| Ghatghar-Jindal                          | 13/02/2015   | 09.52        | 13/02/2015                        | 15.56             | Damaged conductor repairing work.                          |
| 220/132 KV 200 MVA ICT-I @ Satana        | 13/02/2015   | 10.00        | 13/02/2015                        | 12.40             | Q.M.Work.                                                  |
| Amalner-Deepnagar                        | 13/02/2015   | 10.37        | 13/02/2015                        | 14.27             | Measurement of tan delta of CT.Q.M.Work.                   |
| 220/132KV 200MVA ICT-III at Padegaon     | 13/02/2015   | 10.52        | 13/02/2015                        | 15.20             | Calibration of HV winding Temp. meter.                     |
| ACCL-Uran                                | 13/02/2015   | 11.08        | 13/02/2015                        | 17.10             | Cross Arm Painting.                                        |
| Main Bus at Nalasopara                   | 13/02/2015   | 11.10        | 13/02/2015                        | 14.40             | Diagnostic tests of 220KV PT and Bay                       |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 13/Feb/2015**

Position as on 6.30 Hrs of 14/Feb/2015

| Name of Line                               | Tripped Date | Tripped Time | Synchronise d Date               | Synchronise d Time | Reason of Outage                    |
|--------------------------------------------|--------------|--------------|----------------------------------|--------------------|-------------------------------------|
|                                            |              |              |                                  |                    | Maint.                              |
| Kolsht-Vasai                               | 13/02/2015   | 11.20        | 13/02/2015                       | 18.32              | Repl of insulators and jumpering.   |
| Gadchandur-Virur-I                         | 13/02/2015   | 13.17        | 13/02/2015                       | 17.38              | Dist.relay testing work.            |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type FORCED OUTAGE</b> |                    |                                     |
| Aurangabad - Taptithanda                   | 27/01/2015   | 18.20        |                                  | Continued.         | B Ph Jumper Open @ Loc.No.-169.     |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                     |
| 400/220KV 500MVA ICT-II at Warora          | 16/01/2015   | 10.43        |                                  | Continued.         | CTR problem.                        |
| Dabhol - New Koyna - I                     | 08/02/2015   | 18.18        |                                  | Continued.         | over voltage                        |
| Karad - Kolhapur - II                      | 12/02/2015   | 16.06        | 13/02/2015                       | 08.21              | Over Voltage.                       |
| Bhusawal- Aurangabad                       | 12/02/2015   | 16.08        | 13/02/2015                       | 06.02              | Over Voltage.                       |
| Karad-Jaigad I                             | 12/02/2015   | 16.13        | 13/02/2015                       | 08.24              | Over Voltage.                       |
| Bableshtar-Taptitanda I                    | 12/02/2015   | 18.49        |                                  | Continued.         | Over Voltage.                       |
| Lonikand- Koyna Stage IV                   | 13/02/2015   | 03.05        | 13/02/2015                       | 06.17              | Over Voltage.                       |
| Karad - Kolhapur - II                      | 13/02/2015   | 16.09        |                                  | Continued.         | Over Voltage.                       |
| Bhusawal- Aurangabad                       | 13/02/2015   | 17.07        | 14/02/2015                       | 06.51              | Over Voltage.                       |
| Karad-Jaigad I                             | 13/02/2015   | 17.12        |                                  | Continued.         | Over Voltage.                       |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type TRIPPED</b>       |                    |                                     |
| 400 KV GT - 5 Main Bay (410) at Deep-Nagar | 06/02/2015   | 12:23        |                                  | Continued.         | Tripped on PDR while Synchronizing. |
| Nagothane-Dabhol-I                         | 13/02/2015   | 18.01        | 13/02/2015                       | 19.45              | Over Voltage.                       |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type TRIPPED</b>       |                    |                                     |
| 220/110KV 200MVA ICT-III at Borivali       | 21/09/2014   | 09.16        |                                  | Continued.         | monkey fault                        |
| Karad-Mudsingi-IV                          | 12/02/2015   | 17.05        | 13/02/2015                       | 03.47              | Distance Protection.                |



# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 14/Feb/2015

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 155         |
| Unit 7             | 210                   | 165         |
|                    | <b>620</b>            | <b>320</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 500                   | 363         |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>363</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 160         |
| Unit 5             | 210                   | 145         |
| Unit 6             | 250                   | 190         |
| Unit 7             | 250                   | 188         |
|                    | <b>1130</b>           | <b>683</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 430         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1740</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 220         |
| Unit 4             | 250                   | 220         |
|                    | <b>500</b>            | <b>440</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 205         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 500         |
|                    | <b>1340</b>           | <b>1305</b> |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 182         |
| Unit 4             | 210                   | 182         |
| Unit 5             | 210                   | 182         |
|                    | <b>630</b>            | <b>546</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 165         |
|                    | <b>852</b>            | <b>165</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 19          |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 0           |
| BHTGR/VEER       | 21                    | 0           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 4           |
| BHANDARDRA       | 45                    | 10          |
| ELDARY           | 23                    |             |
| SMLHY PTN        | 12                    | 10          |
| GHATGHAR         | 250                   |             |
|                  | <b>611</b>            | <b>83</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                  | 517         |
| WARDHA           | 405                   | 118         |
| Adani            | 2640                  | 1900        |
| Other CPPs       | 300                   | 745         |
|                  | <b>4545</b>           | <b>3280</b> |
| <b>SOLAR</b>     |                       |             |
| Total            | 0                     |             |
|                  | <b>0</b>              |             |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 0           |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 0           |
| Trombay 7B       | 60                    | 0           |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1197</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 6135        |
|                  | <b>3455</b>           | <b>6135</b> |

|  |              |              |
|--|--------------|--------------|
|  | <b>21940</b> | <b>17927</b> |
|--|--------------|--------------|