



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**02/Feb/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 02/Feb/2013 SATURDAY**

| <b>I GENERATION (MUs)</b> |                |                | <b>II EXCHANGES (MUs)</b>      |                |                |
|---------------------------|----------------|----------------|--------------------------------|----------------|----------------|
| <b>A) MSGENCO</b>         | <b>Daily</b>   | <b>Monthly</b> | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b> |
| 1) Thermal                | 124.525        | 247.394        | 1) Gujrat                      | 2.977          | 7.468          |
| 2) Hydro                  | 14.304         | 25.162         | 2) Madhya Pradesh              | 14.637         | 29.224         |
| 3) Gas                    | 11.384         | 22.213         | 3) Chattisgarh                 | 8.500          | 16.780         |
| <b>Total MSGENCO</b>      | <b>150.213</b> | <b>294.769</b> | 4) Maharashtra                 | 69.509         | 136.442        |
| <b>B) 1) JSW JAIGAD</b>   | 26.340         | 52.749         | 5) Goa                         | -5.629         | -11.023        |
| 2) WPCL                   | 8.425          | 17.014         | 6) TAPS 1&2 Injection          | 0.000          | 0.000          |
| 3) ADANI                  | 0.000          | 0.000          | 7) RGPPL Injection             | 6.958          | 14.238         |
| 4) Other CPP / IPP        | 11.640         | 22.377         | 8) Pench (Excess)              | -0.305         | -0.415         |
| 5) Wind Generation        | 1.542          | 3.479          | <b># Total Cent. Sector</b>    | <b>96.647</b>  | <b>192.714</b> |
| 6) PENCH (MS)             | 0.305          | 0.415          | <b>F) Other Exchanges</b>      |                |                |
| <b>C) TPCL &amp; REL</b>  |                |                | 1) With TPCL (Excess)          | -8.227         | -17.153        |
| 1) TPCL Thermal           | 19.400         | 40.461         | <b>G) Bilateral Power *</b>    |                |                |
| 2) TPCL Hydro             | 6.359          | 12.197         | 1) MSEDCL Bilateral            | 24.441         | 48.820         |
| <b>TOTAL TPCL</b>         | <b>25.759</b>  | <b>52.658</b>  | Include PX                     | 0.392          | 0.392          |
| 3) REL Thermal            | 12.206         | 24.192         | 2) MUMBAI Bilateral            | 8.196          | 18.390         |
| <b>D) STATE</b>           |                |                | Include PX                     | -3.456         | -5.018         |
| 1) Thermal (A1+C1+C3)     | 156.131        | 312.047        | 3) MUMBAI Schedule             | 8.196          | 18.390         |
| 2) Hydro (A2+B5+C2)       | 20.968         | 37.774         | <b>H) ENERGY CATERED (MUs)</b> |                |                |
| 3) Gas (A3)               | 11.384         | 22.213         | 1) MSEDCL                      | 286.885        | 566.364        |
| 4) Wind (B4)              | 1.542          | 3.479          | 2) TPCL                        | 30.392         | 61.996         |
| 5) CPP (B1+B2+B3)         | 46.405         | 92.140         | 3) REL                         | 15.800         | 32.002         |
| <b>TOTAL STATE</b>        | <b>236.430</b> | <b>467.653</b> | <b>TOTAL STATE</b>             | <b>333.077</b> | <b>660.362</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 2 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 5400                             | 5188                             | 5226                             |
| MSGENCO Hydro                   | 1472                             | 824                              | 117                              |
| MSGENCO Gas                     | 470                              | 465                              | 481                              |
| <b>MSGENCO Total Generation</b> | <b>7342</b>                      | <b>6477</b>                      | <b>5824</b>                      |
| <b>Central Sector Receipt</b>   | <b>4428</b>                      | <b>4069</b>                      | <b>3295</b>                      |
| <b>WIND</b>                     | <b>44</b>                        | <b>27</b>                        | <b>81</b>                        |
| <b>CPP / IPP</b>                | <b>2010</b>                      | <b>2002</b>                      | <b>1849</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-413</b>                      | <b>-342</b>                      | <b>-156</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>13411</b>                     | <b>12282</b>                     | <b>10893</b>                     |
| <b>Load Shedding</b>            | <b>597</b>                       | <b>487</b>                       | <b>40</b>                        |
| <b>MSEDCL DEMAND</b>            | <b>14008</b>                     | <b>12769</b>                     | <b>10933</b>                     |
| <b>TPCL GENERATION</b>          | <b>1416</b>                      | <b>1313</b>                      | <b>704</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>528</b>                       | <b>528</b>                       | <b>517</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2357</b>                      | <b>2183</b>                      | <b>1377</b>                      |
| <b>STATE DEMAND MET</b>         | <b>15768</b>                     | <b>14465</b>                     | <b>12270</b>                     |
| <b>STATE DEMAND</b>             | <b>16365</b>                     | <b>14952</b>                     | <b>12310</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.95</b>                     | <b>49.92</b>                     | <b>50.16</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.53 Hz at 17.03 Hrs</b> | <b>49.48 Hz at 12.15 Hrs</b> | <b>49.99</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 02/Feb/2013

| 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           | 4.02        | 7.88          | 179      | 152      | 175      |
| Unit 7           | 4.27        | 8.14          | 190      | 159      | 175      |
| Total            | 8.28        | 16.01         |          |          | 350      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 4.34        | 8.48          | 195      | 160      | 195      |
| Unit 4           | 8.67        | 14.22         | 430      | 295      | 450      |
| Unit 5           | 1.66        | 7.16          | 250      | 0        | 0        |
| Total            | 14.66       | 29.86         |          |          | 645      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.14        | 6.38          | 160      | 0        | 150      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 3.69        | 7.08          | 166      | 137      | 165      |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 7           | 5.54        | 8.95          | 251      | 190      | 205      |
| Total            | 12.38       | 22.42         |          |          | 520      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.50        | 7.00          | 151      | 135      | 150      |
| Unit 2           | 3.45        | 6.97          | 152      | 133      | 150      |
| Unit 3           | 0.00        | 0.08          | 0        | 0        | 0        |
| Unit 4           | 4.69        | 9.34          | 202      | 192      | 200      |
| Unit 5           | 9.44        | 19.27         | 415      | 365      | 425      |
| Unit 6           | 10.38       | 21.16         | 460      | 350      | 460      |
| Unit 7           | 10.17       | 20.28         | 451      | 355      | 450      |
| Total            | 41.64       | 84.10         |          |          | 1835     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.76        | 11.54         | 251      | 207      | 250      |
| Unit 4           | 5.45        | 11.10         | 247      | 208      | 250      |
| Total            | 11.20       | 22.64         |          |          | 500      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.10        | 8.54          | 195      | 140      | 190      |
| Unit 2           | 4.22        | 8.62          | 195      | 150      | 190      |
| Unit 3           | 4.06        | 4.06          | 195      | 28       | 190      |
| Unit 4           | 0.74        | 5.33          | 175      | 0        | 0        |
| Unit 5           | 10.10       | 19.83         | 510      | 328      | 350      |
| Total            | 23.22       | 46.38         |          |          | 920      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.52        | 8.80          | 195      | 175      | 195      |
| Unit 4           | 4.23        | 8.42          | 184      | 168      | 185      |
| Unit 5           | 4.39        | 8.76          | 194      | 173      | 195      |
| Total            | 13.14       | 25.99         |          |          | 575      |
| Uran             |             |               |          |          |          |
| All Units        | 11.38       | 22.21         | 489      | 455      | 470      |
| Total            | 11.38       | 22.21         |          |          | 470      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.30        | 0.42          | 49       | 0        |          |
| Total            | 0.30        | 0.42          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.69        | 5.19          | 330      | 40       | 600      |
| Stage 4          | 6.33        | 10.65         | 887      | 0        | 250      |
| Stage 3          | 1.87        | 3.41          | 240      | 0        | 240      |
| Kovna 12&4 Total | 9.02        | 15.84         |          |          | 850      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>10.89</b> | <b>19.26</b>  |          |          | <b>1090</b> |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.46         | 0.92          | 20       | 19       | 19          |
| VTRNA            | 0.00         | 0.00          | 0        | 0        | 0           |
| TILLARI          | 0.35         | 0.70          | 60       | 0        | 60          |
| BHTGR/VEER       | 0.05         | 0.10          | 3        | 2        | 2           |
| BHIRA T.R.       | 0.27         | 0.54          | 71       | 0        | 80          |
| RNGR+BHTSA       | 0.34         | 0.68          | 15       | 13       | 15          |
| BHANDARDRA       | 0.08         | 0.08          | 12       | 0        | 0           |
| ELDARY           | 0.00         | 0.00          | 0        | 0        | 0           |
| SMLHY PTN        | 0.98         | 2.02          | 48       | 38       | 10          |
| GHATGHAR         | 0.88         | 0.88          | 250      | 0        | 0           |
| <b>Total</b>     | <b>3.41</b>  | <b>5.90</b>   |          |          | <b>186</b>  |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 0.08         | 0.22          |          |          |             |
| Vankuswadi       | 0.18         | 0.39          |          |          |             |
| ATIT             | 0.01         | 0.02          |          |          |             |
| Kale             | 0.02         | 0.06          |          |          |             |
| Satara           | 0.04         | 0.08          |          |          |             |
| Shirala          | 0.02         | 0.17          |          |          |             |
| K Mahankal       | 0.33         | 0.51          |          |          |             |
| Supa             | 0.03         | 0.10          |          |          |             |
| Vita             | 0.42         | 0.72          |          |          |             |
| Dondaicha        | 0.00         | 0.39          |          |          |             |
| Sakri            | 0.00         | 0.02          |          |          |             |
| Nandurbar        | 0.00         | 0.03          |          |          |             |
| Khandke          | 0.39         | 0.73          |          |          |             |
| Khaparale        | 0.02         | 0.05          |          |          |             |
| <b>Total</b>     | <b>1.54</b>  | <b>3.48</b>   |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 26.34        | 52.75         | 1176     | 912      | 1065        |
| WARDHA           | 8.42         | 17.01         | 354      | 346      | 350         |
| Adani            |              | 0.00          | 0        | 0        |             |
| Other CPPs       | 11.64        | 22.38         |          |          |             |
| <b>Total</b>     | <b>46.40</b> | <b>92.14</b>  |          |          | <b>1415</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 9.08         | 19.76         | 502      | 0        | 500         |
| Trombay 6        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 7A       | 3.01         | 6.02          | 128      | 121      | 120         |
| Trombay 7B       | 1.65         | 3.30          | 69       | 68       | 60          |
| Trombay 8        | 5.67         | 11.38         | 250      | 194      | 250         |
| TATA Hydro       | 6.36         | 12.20         | 471      | 0        | 447         |
| <b>Total</b>     | <b>25.76</b> | <b>52.66</b>  |          |          | <b>1377</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 12.21        | 24.19         | 529      | 390      | 500         |
| <b>Total</b>     | <b>12.21</b> | <b>24.19</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 4316        |
| <b>Total</b>     |              |               |          |          | <b>4316</b> |

|                    |              |               |               |  |  |              |
|--------------------|--------------|---------------|---------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 124.52        | 247.39        |  |  | 5345         |
|                    | Thml+Gas     | 135.91        | 269.61        |  |  | 5815         |
|                    | Hydro        | 14.30         | 25.16         |  |  | 1276         |
|                    | <b>Total</b> | <b>150.21</b> | <b>294.77</b> |  |  | <b>7091</b>  |
| <b>State Total</b> |              | <b>236.43</b> | <b>467.65</b> |  |  | <b>14699</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/Feb/2013

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL  | WIND | CPP /<br>IPP | CS<br>SHARE | CS<br>RECPT | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | LOAD<br>SHEDDI<br>NG | MSEDCL<br>DEMAND<br>WITH LS | TPCL + R<br>-INFRA<br>DEMAND | STATE<br>DEMAND | FREQ.<br>(Hz) |
|--------------------|-------------|-------|-------|--------|------|--------------|-------------|-------------|--------------|----------------------|-------------------------|----------------------|-----------------------------|------------------------------|-----------------|---------------|
|                    | THM         | HY    | GAS   |        |      |              |             |             |              |                      |                         |                      |                             |                              |                 |               |
| 1                  | 5248        | 127   | 481   | 5856   | 59   | 1847         | 3971        | 3518        | -295         | -268                 | 11012                   | 16                   | 11028                       | 1503                         | 12531           | 50.03         |
| 2                  | 5226        | 117   | 481   | 5824   | 81   | 1849         | 3884        | 3295        | -205         | -156                 | 10893                   | 40                   | 10933                       | 1377                         | 12310           | 50.16         |
| 3                  | 5191        | 117   | 482   | 5790   | 101  | 1783         | 3881        | 3567        | -200         | -241                 | 11000                   | 50                   | 11050                       | 1313                         | 12363           | 50.10         |
| 4                  | 5022        | 112   | 485   | 5619   | 104  | 1746         | 3963        | 3831        | -283         | -221                 | 11079                   | 55                   | 11134                       | 1287                         | 12421           | 50.05         |
| 5                  | 4785        | 117   | 485   | 5387   | 107  | 1769         | 4149        | 4054        | -463         | -268                 | 11049                   | 88                   | 11137                       | 1331                         | 12468           | 50.01         |
| 6                  | 5008        | 362   | 485   | 5855   | 111  | 1834         | 3837        | 3683        | -168         | -169                 | 11314                   | 321                  | 11635                       | 1403                         | 13038           | 50.07         |
| 7                  | 5175        | 446   | 485   | 6106   | 107  | 1836         | 3966        | 3762        | -237         | -58                  | 11753                   | 762                  | 12515                       | 1530                         | 14045           | 49.96         |
| 8                  | 5231        | 1052  | 489   | 6772   | 100  | 1978         | 4060        | 3978        | -254         | -178                 | 12650                   | 767                  | 13417                       | 1671                         | 15088           | 49.95         |
| 9                  | 5297        | 1215  | 485   | 6997   | 61   | 1992         | 4067        | 3962        | -256         | -301                 | 12711                   | 725                  | 13436                       | 1897                         | 15333           | 49.99         |
| 10                 | 5313        | 1487  | 478   | 7278   | 61   | 2012         | 4179        | 4237        | -292         | -343                 | 13245                   | 569                  | 13814                       | 2179                         | 15993           | 49.84         |
| 11                 | 5400        | 1472  | 470   | 7342   | 44   | 2010         | 4240        | 4428        | -368         | -413                 | 13411                   | 597                  | 14008                       | 2357                         | 16365           | 49.95         |
| 12                 | 5342        | 1437  | 456   | 7235   | 41   | 2014         | 4257        | 4188        | -396         | -452                 | 13026                   | 764                  | 13790                       | 2394                         | 16184           | 49.93         |
| 13                 | 5166        | 1027  | 455   | 6648   | 29   | 2010         | 4250        | 4279        | -358         | -467                 | 12499                   | 875                  | 13374                       | 2373                         | 15747           | 49.85         |
| 14                 | 5182        | 563   | 458   | 6203   | 21   | 2011         | 4266        | 4501        | -358         | -342                 | 12394                   | 795                  | 13189                       | 2249                         | 15438           | 49.82         |
| 15                 | 5169        | 843   | 460   | 6472   | 20   | 2014         | 4238        | 4512        | -343         | -349                 | 12669                   | 614                  | 13283                       | 2233                         | 15516           | 49.80         |
| 16                 | 5185        | 1266  | 465   | 6916   | 23   | 2005         | 4108        | 4155        | -345         | -334                 | 12814                   | 523                  | 13337                       | 2212                         | 15549           | 49.85         |
| 17                 | 5188        | 824   | 465   | 6477   | 27   | 2002         | 4109        | 4069        | -341         | -342                 | 12282                   | 487                  | 12769                       | 2183                         | 14952           | 49.92         |
| 18                 | 5108        | 351   | 470   | 5929   | 32   | 1952         | 4088        | 3792        | -348         | -432                 | 11293                   | 630                  | 11923                       | 2184                         | 14107           | 50.15         |
| 19                 | 5087        | 368   | 471   | 5926   | 45   | 2003         | 4161        | 4254        | -453         | -462                 | 11812                   | 472                  | 12284                       | 2251                         | 14535           | 49.97         |
| 20                 | 5172        | 409   | 474   | 6055   | 75   | 1997         | 4301        | 4202        | -476         | -517                 | 11859                   | 589                  | 12448                       | 2316                         | 14764           | 49.96         |
| 21                 | 5225        | 200   | 475   | 5900   | 66   | 2009         | 4314        | 4225        | -479         | -564                 | 11683                   | 443                  | 12126                       | 2202                         | 14328           | 50.01         |
| 22                 | 5281        | 130   | 475   | 5886   | 65   | 1997         | 4315        | 3848        | -477         | -550                 | 11293                   | 182                  | 11475                       | 2063                         | 13538           | 50.12         |
| 23                 | 5268        | 136   | 475   | 5879   | 69   | 1926         | 4179        | 4138        | -439         | -477                 | 11535                   | 37                   | 11572                       | 1920                         | 13492           | 50.00         |
| 24                 | 5254        | 126   | 479   | 5859   | 93   | 1809         | 3984        | 4170        | -363         | -323                 | 11608                   | 23                   | 11631                       | 1764                         | 13395           | 50.16         |
| MUs                | 124.52      | 14.30 | 11.38 | 150.21 | 1.54 | 46.40        | 98.77       | 96.65       | -8.20        | -8.23                | 286.88                  | 10.42                | 297.31                      | 46.19                        | 343.50          | 49.99         |

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 02/Feb/2013**

Position as on 6.30 Hrs of 03/Feb/2013

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                       | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|----------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                        |               |
| Koradi Unit 5           | 200      | 16/09/2012   | 04.23        |            | Continued. | C.O.H.                                 |               |
| Parli Unit 4            | 210      | 28/11/2012   | 02.37        |            | Continued. | W/DN due to water shortage.            |               |
| Koyna Unit 12           | 80       | 29/11/2012   | 08.30        |            | Continued. | A/OH.                                  |               |
| Cent_Sect Tarapur 2     | 80       | 31/12/2012   | 17.05        |            | Continued. | Refuelling work                        | 15/02/2013    |
| Cent_Sect Tarapur 1     | 80       | 28/01/2013   | 22.15        |            | Continued. | Annual Overhaul                        |               |
| Koyna Unit 1            | 75       | 02/02/2013   | 06.40        | 02/02/2013 | 18.50      | Outage for P/M of 220 KV Main Bus-I.   |               |
| Koyna Unit 4            | 75       | 02/02/2013   | 06.40        | 02/02/2013 | 18.50      | Outage for P/M of 220 KV Main Bus-I.   |               |
| Koyna Unit 3            | 75       | 02/02/2013   | 06.40        | 02/02/2013 | 18.50      | Outage for P/M of 220 KV Main Bus-I.   |               |
| Koyna Unit 2            | 75       | 02/02/2013   | 06.40        | 02/02/2013 | 18.50      | Outage for P/M of 220 KV Main Bus-I.   |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                        |               |
| Dabhol 1B               | 230      | 09/10/2012   | 13.56        |            | Continued. | Gas Shortage.                          |               |
| Dabhol 3B               | 230      | 28/10/2012   | 12.43        |            | Continued. | Gas Shortage                           |               |
| Dabhol 1X               | 290      | 02/11/2012   | 16.26        |            | Continued. | Gas shortage.                          |               |
| Dabhol 1A               | 230      | 02/11/2012   | 16.27        |            | Continued. | Gas shortage.                          |               |
| Dabhol 3X               | 290      | 03/12/2012   | 21.21        |            | Continued. | Gas Shortage                           |               |
| Dabhol 3A               | 230      | 03/12/2012   | 21.23        |            | Continued. | Gas Shortage                           |               |
| Dabhol 2B               | 230      | 03/01/2013   | 13.29        |            | Continued. | Gas shortage.                          |               |
| Tata Trombay 6          | 500      | 23/01/2013   | 22.57        |            | Continued. | Economy Shutdown.                      |               |
| Parli Unit 6            | 250      | 25/01/2013   | 19.49        |            | Continued. | Economiser tube leakage.               |               |
| Uran Unit 6             | 108      | 25/01/2013   | 20.25        |            | Continued. | Gas Shortage                           |               |
| CPP Adani               | 660      | 31/01/2013   | 17.05        |            | Continued. | 400KV Tirora-Warora isolator sparking. |               |
| Bhusawal Unit 2         | 210      | 31/01/2013   | 22.09        | 03/02/2013 | 21.09      | Boiler Tube Leakage.                   |               |
| Chandrapur Unit 3       | 210      | 01/02/2013   | 00.35        |            | Continued. | Boiler Tube Leakage.                   | 04/02/2013    |
| Bhusawal Unit 5         | 500      | 02/02/2013   | 02.23        | 02/02/2013 | 05.14      | Drum Level High.                       |               |
| Khaparkheda Unit 4      | 210      | 02/02/2013   | 04.28        |            | Continued. | Boiler Validity Expire.                |               |
| Koyna ST - IV 4         | 250      | 02/02/2013   | 09.54        | 02/02/2013 | 11.05      | Valve Sealrelease Not Detect.          |               |
| Bhusawal Unit 5         | 500      | 02/02/2013   | 12.02        |            | Continued. | Furnace Pressure Protection Operated.  |               |
| Parli Unit 3            | 210      | 02/02/2013   | 16.53        | 02/02/2013 | 19.24      | Flame Failure.                         |               |
| Tata Trombay 5          | 500      | 02/02/2013   | 21.45        | 03/02/2013 | 09.55      | H P Turbine Heavy Steam Leakage.       |               |
| Tata Trombay 5          | 500      | 03/02/2013   | 09.58        | 03/02/2013 | 10.55      | Reactor protection operated.           |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 02/Feb/2013**

Position as on 6.30 Hrs of 03/Feb/2013

| 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</b> PLANNED OUTAGE |                    |                                                                                                          |
| Chandrapur - Bhadravati - III                     | 02/02/2013   | 15.08        |                                   | Continued.         | On TBC for on Breaker,Ready for Charge from 1915 Hrs.                                                    |
| Akola - Wardha - I                                | 03/02/2013   | 10.30        | 03/02/2013                        | 14.37              | To attend hot spot on R ph.line CT at Akola.                                                             |
| Akola - Wardha - II                               | 03/02/2013   | 14.43        | 03/02/2013                        | 18.13              | Attending hot spot on isolator.                                                                          |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                          |
| Borivali-Tarapur-I                                | 04/11/2012   | 09.53        |                                   | Continued.         | Mumbai Strengthening work to be carried out on Boiser-Borivali section upto 02/2/2013                    |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                                          |
| Seoni-Wardha-II 765KV.                            | 13/01/2013   | 17.34        |                                   | Continued.         | Over Voltage.                                                                                            |
| Warora - Tiroda - II                              | 31/01/2013   | 17.14        |                                   | Continued.         | Heavy Sparking in Y Ph.Line Isolator.                                                                    |
| Dhule-Sar'Sarovar - I                             | 31/01/2013   | 22.23        | 03/02/2013                        | 09.33              | Over Voltage.                                                                                            |
| Wardha (PG) - Warora - I                          | 01/02/2013   | 16.11        |                                   | Continued.         | 2/37, TESTING WORK, READY FOR CHARGING AT 17.55                                                          |
| Kolhapur - Mapusa - II                            | 01/02/2013   | 16.38        |                                   | Continued.         | OVER VOLTAGE 2/43.                                                                                       |
| Kolhapur-Solapur(PGCIL)-I                         | 01/02/2013   | 19.30        | 03/02/2013                        | 10.00              | 2/56, H.T, O/V KOL 442/433 KV.                                                                           |
| Chandrapur-Bhadravti - I                          | 02/02/2013   | 01.30        | 02/02/2013                        | 09.54              | H/T to control Over Voltage.                                                                             |
| Akola - Aurangabad- II                            | 03/02/2013   | 10.20        | 03/02/2013                        | 18.41              | To avail emergency outage on 400KV Akola-Wardha line.                                                    |
| Kolhapur-Solapur (PG) II                          | 03/02/2013   | 16.08        |                                   | Continued.         | Over Voltage.                                                                                            |
| Dhule-S'Sarovar I                                 | 03/02/2013   | 23.01        |                                   | Continued.         | Over Voltage.                                                                                            |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                                          |
| Wardha - Deoli (PGCIL)                            | 28/01/2013   | 16.57        |                                   | Continued.         | To Control Wardha-Yavatmal Line Loading                                                                  |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                                                          |
| Parli-Parli (PGCIL)-II                            | 01/02/2013   | 12.13        |                                   | Continued.         | TAKEN ON TBC.                                                                                            |
| <b>IntraState</b>                                 |              |              |                                   |                    |                                                                                                          |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                          |
| 400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II | 15/01/2013   | 09.51        |                                   | Continued.         | Replacement of Old Not working CT                                                                        |
| 400/220 KV 600 MVA ICT-II @ Kalwa                 | 18/01/2013   | 08.29        |                                   | Continued.         | Replacement of R ph.T/F.(Outage upto 03.02.2013)                                                         |
| Koradi - Indiabull (Nandgaonpeth)                 | 28/01/2013   | 09.00        | 03/02/2013                        | 08.41              | Tower Erection ( Till 02.02.2013 ).                                                                      |
| Main Bus-II at 400 KV Lonikand.                   | 31/01/2013   | 12.10        |                                   | Continued.         | Connecting Jumper of 400KV PGCIL & Parl-I,Outage Extended.                                               |
| 400/132KV 200 MVA ICT-I @ Bhusawal                | 02/02/2013   | 09.11        | 02/02/2013                        | 12.10              | On TBC.                                                                                                  |
| TBC at Khadka                                     | 02/02/2013   | 14.23        | 02/02/2013                        | 15.43              | Connecting CT of 2000/1A for Bus Bar.                                                                    |
| Babaleshwar - Bhusawal                            | 02/02/2013   | 16.02        | 02/02/2013                        | 18.58              | Connecting CT of 2000/1A for Bus Bar.                                                                    |
| Chandrapur - Parli - I                            | 03/02/2013   | 08.16        |                                   | Continued.         | Overhead crossing work of 400KV D/C line LILO on CHDPR-Parli at CHDPR-II.(Line H/T for O/V at 00.00Hrs.) |
| Padgha - Nagothane- II                            | 03/02/2013   | 16.50        |                                   | Continued.         | To attend oil leakage.Taken on TBC.                                                                      |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                          |
| Ghodbandar - Bhoisor                              | 04/11/2012   | 10.35        |                                   | Continued.         | mumbai strengthing work to be carried                                                                    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 02/Feb/2013**

Position as on 6.30 Hrs of 03/Feb/2013

| Name of Line                                                | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                                 |
|-------------------------------------------------------------|--------------|--------------|---------------------------------|--------------------|------------------------------------------------------------------|
| (MSETCL)                                                    |              |              |                                 |                    | out on Boiser-Borivali section upto 31/1/2013                    |
| 220/132KV,100MVA ICT-II @ Kanhan                            | 30/01/2013   | 13.36        |                                 | Continued.         | Replacement of 100MVA ICT-II by 200MVA                           |
| Karad-Pophali-II                                            | 31/01/2013   | 09.43        | 02/02/2013                      | 06.40              | Replacement of Insulator,Ready for Charging Since 17.54 Hrs.     |
| 220/100KV 200 MVA ICT-II @ Padgha                           | 31/01/2013   | 12.30        |                                 | Continued.         | Repl of C & D Isolator & H V CT Structure,Upto 7.2.2013.         |
| Main Bus Section - I @ Pophali                              | 02/02/2013   | 07.20        | 02/02/2013                      | 18.50              | P/M of 220KV Main Bus Sec.-I.                                    |
| Theur - Flagship                                            | 02/02/2013   | 08.10        | 02/02/2013                      | 18.35              | Attending Hot Spot.                                              |
| 220/132KV 200MVA ICT-III at BBLSR                           | 02/02/2013   | 08.10        | 02/02/2013                      | 12.20              | Q.Maint.                                                         |
| Main Bus @ Raymand                                          | 02/02/2013   | 08.37        | 02/02/2013                      | 18.30              | Erection of Breaker & Iso. Maint.                                |
| Raymond-Washala                                             | 02/02/2013   | 08.43        | 02/02/2013                      | 18.38              | Erection of Breaker & Iso. Maint.                                |
| Kalwa - Bapgaon                                             | 02/02/2013   | 09.01        | 02/02/2013                      | 19.28              | Jumper N & B Tighting.                                           |
| Pawas-Kharepatan                                            | 02/02/2013   | 09.15        | 02/02/2013                      | 17.30              | Cold Washing of Insu.                                            |
| Wadkhal - NDIL - I                                          | 02/02/2013   | 09.23        | 02/02/2013                      | 18.45              | Stringing Work.                                                  |
| Lamboti-Bale-II                                             | 02/02/2013   | 09.26        | 02/02/2013                      | 19.19              | Replacement of Cond.                                             |
| Jejuri-Phursungi - I                                        | 02/02/2013   | 09.37        | 02/02/2013                      | 13.51              | Replacement of Insul.                                            |
| Theur - Jejuri                                              | 02/02/2013   | 10.00        | 02/02/2013                      | 17.55              | Replacement of Insu. String.                                     |
| 220 KV TBC @ Dhule                                          | 02/02/2013   | 10.05        | 02/02/2013                      | 12.30              | Quarterly Maintainance Work.                                     |
| Babaleshwar - Babaleshwar - I                               | 02/02/2013   | 11.12        |                                 | Continued.         | ON TBC For Line Breaker Work.                                    |
| Nerul -Sonkhar                                              | 03/02/2013   | 09.50        | 03/02/2013                      | 11.13              | Jumper nut bolt tightening and other work.                       |
| <b>Voltage Level : 400KV</b>                                |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                  |
| 50 MVAR Line Reactor on 400 KV Parly Ckt.-III at Chandrapur | 20/03/2012   | 11.50        |                                 | Continued.         | High tan delta of bushing.                                       |
| 400/220 KV 100 MVA Spare Unit @ Koradi                      | 12/07/2012   | 07.11        |                                 | Continued.         | Main Buchholz prot.operated                                      |
| 80MVAR Bus reactor breaker-I at BBLSR                       | 08/01/2013   | 05.35        |                                 | Continued.         | Air leakage in B phase of CB(Taken on TBC at 17.43Hrs/15-1-2013) |
| Deepnagar-Aurangabad-I                                      | 12/01/2013   | 13.36        |                                 | Continued.         | Over Voltage.                                                    |
| Karad - Kolhapur - II                                       | 25/01/2013   | 20.00        |                                 | Continued.         | Over Voltage.                                                    |
| Bhusawal- Aurangabad                                        | 28/01/2013   | 17.05        | 02/02/2013                      | 16.01              | Over Voltage                                                     |
| Karad - Kolhapur - I                                        | 30/01/2013   | 17.11        | 02/02/2013                      | 08.49              | Over Voltage                                                     |
| Chandrapur - Parli - III                                    | 02/02/2013   | 02.08        | 02/02/2013                      | 08.43              | Over Voltage.                                                    |
| 400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II           | 02/02/2013   | 10.17        |                                 | Continued.         | Low Oil Pressure Alarm Received.                                 |
| Karad - Kolhapur - I                                        | 02/02/2013   | 16.34        |                                 | Continued.         | Over Voltage.                                                    |
| Bhusawal- Aurangabad                                        | 02/02/2013   | 18.59        | 03/02/2013                      | 09.08              | Over Voltage.                                                    |
| Lonikand- Koyna Stage IV                                    | 02/02/2013   | 21.55        | 03/02/2013                      | 07.29              | Over Voltage.                                                    |
| Bablsr-Aurangabad                                           | 03/02/2013   | 10.05        | 03/02/2013                      | 18.53              | Akola-Wardha outage to reduce Akola-Wardha line loading.         |
| Bhusawal- Aurangabad                                        | 03/02/2013   | 18.54        |                                 | Continued.         | Over Voltage.                                                    |
| Lonikand- Koyna Stage IV                                    | 03/02/2013   | 22.10        |                                 | Continued.         | Over Voltage.                                                    |
| <b>Voltage Level : 220KV</b>                                |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                  |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 02/Feb/2013**

Position as on 6.30 Hrs of 03/Feb/2013

| Name of Line                                | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                                           |
|---------------------------------------------|--------------|--------------|----------------------------|--------------------|------------------------------------------------------------|
| Chikhali - Jalna - II                       | 10/12/2012   | 21.43        |                            | Continued.         | Due to Overloading                                         |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type TRIPPED</b> |                    |                                                            |
| 400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR | 25/09/2012   | 15.38        |                            | Continued.         | Differential protection operated Declared Faulty by Genco. |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type TRIPPED</b> |                    |                                                            |
| Vita - Lamboti                              | 02/02/2013   | 12.24        | 02/02/2013                 | 12.54              | Dist.Prot. B Ph. to E,Z-I.                                 |
| Wadkhel - IPCL                              | 02/02/2013   | 22.48        | 02/02/2013                 | 23.35              | Tripped.                                                   |



# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 03/Feb/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 160         |
| Unit 7             | 210                   | 170         |
|                    | <b>620</b>            | <b>330</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 180         |
| Unit 4             | 500                   | 450         |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>630</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 155         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 150         |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 232         |
|                    | <b>1130</b>           | <b>537</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 155         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 415         |
| Unit 6             | 500                   | 460         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1830</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 250         |
| Unit 4             | 250                   | 250         |
|                    | <b>500</b>            | <b>500</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 190         |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 400         |
|                    | <b>1340</b>           | <b>970</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 195         |
| Unit 4             | 210                   | 185         |
| Unit 5             | 210                   | 195         |
|                    | <b>630</b>            | <b>575</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 470         |
|                    | <b>852</b>            | <b>470</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                   | 240         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 10          |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 2           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 13          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 10          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>175</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                  | 1062        |
| WARDHA           | 405                   | 340         |
| Adani            | 660                   | 0           |
| Other CPPs       | 0                     |             |
|                  | <b>2265</b>           | <b>1402</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 0           |
| Trombay 6        | 500                   | 0           |
| Trombay 7A       | 120                   | 130         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>887</b>  |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 4311        |
|                  | <b>3455</b>           | <b>4311</b> |