



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**13/Feb/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 13/Feb/2011 SUNDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 122.837        | 1619.937        | 1) Madhya Pradesh              | 57.121         | 622.385         |
| 2) Hydro                 | 21.723         | 354.158         | 2) Gujrat                      | 28.459         | 366.183         |
| 3) Gas                   | 11.657         | 164.461         | 3) Goa                         | -5.164         | -79.986         |
| <b>Total MSGENCO</b>     | <b>156.217</b> | <b>2138.556</b> | 4) TAPS 1&2 (Inj.)             | 7.825          | 100.503         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.215         | -3.744          |
| 1) RGPPL Gas             | 29.302         | 378.713         | <b># Total Cent. Sector</b>    | <b>88.026</b>  | <b>1005.341</b> |
| 2) Wind Generation       | 2.191          | 30.335          | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                   | 27.917         | 334.614         | 1) With TPCL (Excess)          | -2.219         | -58.351         |
| 4) PENCH (MS)            | 0.215          | 3.744           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 18.587         | 229.119         |
| 1) TPCL Thermal          | 23.989         | 322.104         | Include PX                     | 0.000          | 0.000           |
| 2) TPCL Hydro            | 0.015          | 49.889          | 2) MUMBAI Bilateral            | 2.965          | 63.570          |
| <b>TOTAL TPCL</b>        | <b>24.004</b>  | <b>371.993</b>  | Include PX                     | -2.306         | -10.361         |
| 3) REL Thermal           | 12.669         | 164.888         | 3) MUMBAI Schedule             | 2.965          | 63.570          |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 159.495        | 2106.929        | 1) MSEDCL                      | 301.649        | 3832.952        |
| 2) Hydro (A2+B3+C2)      | 21.953         | 407.791         | 2) TPCL                        | 25.586         | 397.031         |
| 3) Gas (A3+B1)           | 40.959         | 543.174         | 3) REL                         | 13.304         | 198.229         |
| 4) Wind (B2)             | 2.191          | 30.335          | <b>TOTAL STATE</b>             | <b>340.539</b> | <b>4428.212</b> |
| 5) CPP (B3)              | 27.917         | 334.614         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>252.515</b> | <b>3422.843</b> |                                |                |                 |

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

| PARTICULARS                      | A. Morning Peak at 12 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 2 Hrs |
|----------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                  | 5135                      | 5216                      | 4922                      |
| MSGENCO Hydro                    | 1898                      | 944                       | 144                       |
| MSGENCO Gas                      | 471                       | 488                       | 490                       |
| <b>MSGENCO Total Generation</b>  | <b>7504</b>               | <b>6648</b>               | <b>5556</b>               |
| <b>Central Sector Receipt</b>    | <b>3812</b>               | <b>3818</b>               | <b>3148</b>               |
| <b>RGPPL</b>                     | <b>1220</b>               | <b>1213</b>               | <b>1223</b>               |
| <b>WIND</b>                      | <b>49</b>                 | <b>153</b>                | <b>80</b>                 |
| <b>CPP</b>                       | <b>1223</b>               | <b>1223</b>               | <b>1025</b>               |
| <b>Exchange with Mumbai</b>      | <b>-200</b>               | <b>-339</b>               | <b>-54</b>                |
| <b>MSEDCL DEMAND MET</b>         | <b>13608</b>              | <b>12752</b>              | <b>10978</b>              |
| <b>Load Shedding (LS)</b>        | <b>531</b>                | <b>221</b>                | <b>0</b>                  |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>14139</b>              | <b>12973</b>              | <b>10978</b>              |
| <b>TPCL GENERATION</b>           | <b>1086</b>               | <b>1086</b>               | <b>778</b>                |
| <b>REL GENERATION</b>            | <b>528</b>                | <b>527</b>                | <b>529</b>                |
| <b>TPCL+REL DEMAND</b>           | <b>1814</b>               | <b>1952</b>               | <b>1361</b>               |
| <b>STATE DEMAND MET</b>          | <b>15422</b>              | <b>14704</b>              | <b>12339</b>              |
| <b>Load Management (LM)</b>      | <b>1955</b>               | <b>3599</b>               | <b>52</b>                 |
| <b>Total Load Relief (LS+LM)</b> | <b>2486</b>               | <b>3820</b>               | <b>52</b>                 |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>17908</b>              | <b>18524</b>              | <b>12391</b>              |
| <b>Frequency (Hz)</b>            | <b>49.92</b>              | <b>50.02</b>              | <b>49.89</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.                | MINIMUM FREQ.                | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz     |
|------------------------------|------------------------------|---------------|-------------------------|
| <b>50.46 Hz at 17:04 Hrs</b> | <b>49.54 Hz at 04:41 Hrs</b> | <b>49.94</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/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.84        | 50.14         | 170      | 138      | 165      |
| Unit 6           | 3.61        | 20.12         | 175      | 104      | 162      |
| Unit 7           | 0.00        | 46.69         | 0        | 0        | 0        |
|                  | 7.44        | 116.95        |          |          | 327      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.36        | 52.03         | 190      | 80       | 180      |
| Unit 3           | 0.00        | 42.05         | 0        | 0        | 0        |
| Unit 4           |             |               | 0        | 0        |          |
|                  | 3.36        | 94.08         |          |          | 180      |
| Parli            |             |               |          |          |          |
| Unit 3           | 4.22        | 53.47         | 183      | 160      | 170      |
| Unit 4           | 3.89        | 48.91         | 166      | 155      | 160      |
| Unit 5           | 4.76        | 41.46         | 206      | 186      | 205      |
| Unit 6           | 5.04        | 69.58         | 250      | 135      | 195      |
| Unit 7           | 5.34        | 68.73         | 253      | 160      | 170      |
|                  | 23.26       | 282.15        |          |          | 900      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.77        | 47.15         | 166      | 142      | 160      |
| Unit 2           | 3.92        | 48.60         | 173      | 151      | 160      |
| Unit 3           | 4.72        | 43.74         | 201      | 183      | 200      |
| Unit 4           | 4.34        | 53.86         | 193      | 165      | 180      |
| Unit 5           | 11.60       | 148.72        | 500      | 415      | 475      |
| Unit 6           | 11.30       | 138.04        | 485      | 451      | 475      |
| Unit 7           | 11.43       | 144.97        | 480      | 466      | 480      |
|                  | 51.08       | 625.10        |          |          | 2130     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.67        | 50.21         | 223      | 162      | 190      |
| Unit 4           | 4.84        | 58.95         | 217      | 177      | 195      |
|                  | 9.51        | 109.16        |          |          | 385      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.68        | 62.88         | 210      | 175      | 210      |
| Unit 2           | 1.62        | 50.95         | 170      | 50       | 60       |
| Unit 3           | 4.95        | 62.91         | 215      | 191      | 210      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           |             | 0.00          | 0        | 0        |          |
|                  | 11.25       | 176.73        |          |          | 480      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.87        | 25.81         | 86       | 61       | 76       |
| Unit 2           | 1.97        | 26.70         | 93       | 69       | 76       |
| Unit 3           | 4.24        | 55.68         | 185      | 145      | 172      |
| Unit 4           | 4.63        | 58.25         | 206      | 180      | 192      |
| Unit 5           | 4.22        | 49.32         | 195      | 156      | 182      |
|                  | 16.93       | 215.77        |          |          | 698      |
| Uran             |             |               |          |          |          |
| All Units        | 11.66       | 164.46        | 510      | 463      | 430      |
|                  | 11.66       | 164.46        |          |          | 430      |
| Dabhol           |             |               |          |          |          |
| RGPPL            | 29.30       | 378.71        | 1273     | 1208     | 1250     |
|                  | 29.30       | 378.71        |          |          | 1250     |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 3.70        | 71.96         | 435      | 35       | 600      |
| Stage 4          | 10.34       | 168.30        | 1104     | 0        | 250      |
| Stage 3          | 2.62        | 50.81         | 240      | 0        | 320      |
|                  | 16.67       | 291.07        |          |          | 1170     |
| Kovna 12&4 Total | 14.04       | 240.26        |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.46        | 5.78          | 19       | 18       | 19       |
| VTRNA           | 0.00        | 0.00          | 0        | 0        | 0        |
| TILLARI         | 0.47        | 6.08          | 60       | 0        | 60       |
| BHTGR/VEER      | 0.51        | 5.21          | 22       | 21       | 14       |
| BHIRA T.R.      | 0.16        | 3.19          | 79       | 0        | 80       |
| RNGR+BHTSA      | 0.33        | 4.60          | 14       | 13       | 14       |
| BHANDARDRA      | 0.00        | 0.00          | 0        | 0        | 0        |
| ELDARY          | 0.41        | 3.19          | 22       | 13       | 0        |
| SMLHY PTN       | 0.87        | 10.61         | 45       | 33       | 34       |
| GHATGHAR        | 1.84        | 24.43         | 250      | 0        | 0        |
|                 | 5.05        | 63.09         |          |          | 221      |
| PENCH (MS)      |             |               |          |          |          |
| Pench (MS)      | 0.22        | 3.74          | 36       | 0        |          |
|                 | 0.22        | 3.74          |          |          |          |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.04        | 1.25          |          |          |          |
| Vankuswadi      | 0.14        | 3.28          |          |          |          |
| ATIT            | 0.01        | 0.53          |          |          |          |
| Kale            | 0.05        | 1.18          |          |          |          |
| Satara          | 0.16        | 3.27          |          |          |          |
| Shirala         | 0.02        | 1.16          |          |          |          |
| K Mahankal      | 0.02        | 1.22          |          |          |          |
| Supa            | 0.02        | 0.74          |          |          |          |
| Vita            | 0.47        | 7.01          |          |          |          |
| Dondaicha       | 0.82        | 5.84          |          |          |          |
| Nandurbar       | 0.12        | 0.65          |          |          |          |
| Khandke         | 0.12        | 2.34          |          |          |          |
| Khaparale       | 0.04        | 0.84          |          |          |          |
|                 | 2.06        | 29.30         |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 13.64       | 39.89         | 614      | 499      | 275      |
| WARDHA          | 7.28        | 21.08         | 328      | 258      | 316      |
| Other CPPs      | 6.99        | 273.64        |          |          |          |
|                 | 27.92       | 334.61        |          |          | 591      |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 10.23       | 139.85        | 490      | 275      | 500      |
| Trombay 6       | 3.61        | 54.44         | 160      | 150      | 500      |
| Trombay 7A      | 3.00        | 37.65         | 127      | 122      | 120      |
| Trombay 7B      | 1.63        | 20.40         | 68       | 67       | 60       |
| Trombay 8       | 5.52        | 69.77         | 253      | 160      | 250      |
| TATA Hydro      | 0.02        | 49.89         | 10       | 0        | 447      |
|                 | 24.00       | 371.99        |          |          | 1877     |
| REL             |             |               |          |          |          |
| 1&2             | 12.67       | 164.89        | 530      | 526      | 500      |
|                 | 12.67       | 164.89        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 3466     |
|                 |             |               |          |          | 3466     |

|                |          |        |         |  |       |
|----------------|----------|--------|---------|--|-------|
| MS<br>PG<br>CL | Thermal  | 122.84 | 1619.94 |  | 5100  |
|                | Thml+Gas | 134.49 | 1784.40 |  | 5530  |
|                | Hydro    | 21.72  | 354.16  |  | 1391  |
|                | Total    | 156.22 | 2138.56 |  | 6921  |
| State Total    |          | 252.52 | 3422.84 |  | 14605 |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 13/Feb/2011

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL  | RGPPL | WIND | CPP   | CS<br>SHARE | CS<br>RECPT | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | # LOAD<br>RELEIF<br>(LS+LM) | MSEDCL<br>DEMAN<br>D WITH<br>LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM.<br>WITH<br>LS+LM | FREQ.<br>(Hz) |
|--------------------|-------------|-------|-------|--------|-------|------|-------|-------------|-------------|--------------|----------------------|-------------------------|-----------------------------|---------------------------------|-------------------------|--------------------------------|---------------|
|                    | THM         | HY    | GAS   |        |       |      |       |             |             |              |                      |                         |                             |                                 |                         |                                |               |
| 1                  | 4992        | 152   | 490   | 5634   | 1215  | 106  | 1058  | 3052        | 2990        | -164         | -142                 | 10861                   | 69                          | 10861                           | 1544                    | 12474                          | 49.89         |
| 2                  | 4922        | 144   | 490   | 5556   | 1223  | 80   | 1025  | 2980        | 3148        | -92          | -54                  | 10978                   | 52                          | 10978                           | 1361                    | 12391                          | 49.89         |
| 3                  | 4975        | 143   | 493   | 5611   | 1223  | 81   | 1055  | 2932        | 3240        | -42          | 5                    | 11215                   | 1472                        | 11227                           | 1302                    | 13989                          | 49.98         |
| 4                  | 5014        | 159   | 499   | 5672   | 1221  | 100  | 1069  | 2932        | 3452        | -42          | 29                   | 11543                   | 1471                        | 11555                           | 1279                    | 14293                          | 49.96         |
| 5                  | 5116        | 262   | 510   | 5888   | 1229  | 97   | 1051  | 2932        | 3518        | -42          | 40                   | 11823                   | 1521                        | 11855                           | 1317                    | 14661                          | 49.83         |
| 6                  | 5092        | 664   | 498   | 6254   | 1273  | 97   | 1110  | 2889        | 3447        | 3            | 57                   | 12238                   | 1682                        | 12329                           | 1386                    | 15306                          | 49.90         |
| 7                  | 5141        | 990   | 498   | 6629   | 1258  | 76   | 1231  | 2920        | 3300        | 188          | 212                  | 12706                   | 1807                        | 12922                           | 1402                    | 15915                          | 49.83         |
| 8                  | 5137        | 1375  | 500   | 7012   | 1228  | 49   | 1218  | 2955        | 3482        | 144          | 153                  | 13142                   | 1934                        | 13485                           | 1462                    | 16538                          | 49.83         |
| 9                  | 5135        | 1671  | 497   | 7303   | 1208  | 55   | 1235  | 3050        | 3608        | 45           | 65                   | 13507                   | 2032                        | 13948                           | 1540                    | 17079                          | 49.85         |
| 10                 | 5176        | 2084  | 492   | 7752   | 1212  | 54   | 1225  | 3297        | 3488        | -76          | -50                  | 13707                   | 2081                        | 14201                           | 1665                    | 17453                          | 49.85         |
| 11                 | 5113        | 2011  | 474   | 7598   | 1216  | 47   | 1226  | 3558        | 3598        | -218         | -188                 | 13497                   | 2379                        | 14079                           | 1803                    | 17679                          | 49.81         |
| 12                 | 5135        | 1898  | 471   | 7504   | 1220  | 49   | 1223  | 3558        | 3812        | -218         | -200                 | 13608                   | 2486                        | 14139                           | 1814                    | 17908                          | 49.92         |
| 13                 | 5054        | 1740  | 471   | 7265   | 1218  | 49   | 1230  | 3558        | 3840        | -218         | -179                 | 13423                   | 2531                        | 13999                           | 1790                    | 17744                          | 49.91         |
| 14                 | 5133        | 1263  | 471   | 6867   | 1216  | 31   | 1226  | 3510        | 4262        | -168         | -132                 | 13470                   | 2467                        | 13982                           | 1723                    | 17660                          | 50.04         |
| 15                 | 5132        | 1028  | 470   | 6630   | 1217  | 38   | 1226  | 3342        | 4338        | -118         | -89                  | 13360                   | 2517                        | 13902                           | 1675                    | 17552                          | 50.04         |
| 16                 | 5070        | 1044  | 463   | 6577   | 1216  | 44   | 1209  | 3144        | 4249        | -36          | -14                  | 13281                   | 2491                        | 13797                           | 1600                    | 17372                          | 49.91         |
| 17                 | 5109        | 932   | 476   | 6517   | 1214  | 64   | 1206  | 3068        | 4443        | -36          | -11                  | 13433                   | 2396                        | 13874                           | 1617                    | 17446                          | 50.02         |
| 18                 | 5167        | 950   | 470   | 6587   | 1212  | 75   | 1214  | 3182        | 4531        | -226         | -177                 | 13442                   | 2463                        | 13970                           | 1689                    | 17594                          | 49.97         |
| 19                 | 5236        | 1390  | 480   | 7106   | 1213  | 86   | 1212  | 2997        | 3498        | -161         | -148                 | 12990                   | 3499                        | 13428                           | 1709                    | 18198                          | 49.97         |
| 20                 | 5216        | 944   | 488   | 6648   | 1213  | 153  | 1223  | 3392        | 3818        | -373         | -339                 | 12752                   | 3820                        | 12973                           | 1952                    | 18524                          | 50.02         |
| 21                 | 5235        | 382   | 488   | 6105   | 1212  | 183  | 1206  | 3430        | 4033        | -351         | -332                 | 12433                   | 3679                        | 12513                           | 1954                    | 18066                          | 50.08         |
| 22                 | 5175        | 214   | 488   | 5877   | 1210  | 217  | 1092  | 3416        | 3635        | -308         | -288                 | 11769                   | 3626                        | 11796                           | 1880                    | 17275                          | 49.99         |
| 23                 | 5213        | 147   | 490   | 5850   | 1215  | 188  | 1082  | 3208        | 3377        | -217         | -206                 | 11532                   | 3599                        | 11532                           | 1760                    | 16891                          | 50.03         |
| 24                 | 5149        | 136   | 490   | 5775   | 1220  | 172  | 1065  | 3105        | 2919        | -240         | -231                 | 10939                   | 1064                        | 10939                           | 1668                    | 13671                          | 50.07         |
| MUs                | 122.84      | 21.72 | 11.66 | 156.22 | 29.30 | 2.19 | 27.92 | 76.41       | 88.03       | -2.97        | -2.22                | 301.65                  | 53.14                       | 308.28                          | 38.89                   | 393.68                         | 49.94         |

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/2011**

Position as on 6.30 Hrs of 14/Feb/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage             | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                              |               |
| Dabhol 3B               | 230      | 04/01/2011   | 16:44        |            | Continued. | Rehabilitation work.         | 05/03/2011    |
| Dabhol 3A               | 230      | 29/01/2011   | 17.35        |            | Continued. | Heavy leakage in CW Duct     | 28/02/2011    |
| Dabhol 3X               | 290      | 29/01/2011   | 17.35        |            | Continued. | Hand Tripped                 | 28/02/2011    |
| Uran Unit 6             | 108      | 05/02/2011   | 11.28        |            | Continued. | Stator Earth Fault           | 02/03/2011    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                              |               |
| Uran Unit 2             | 60       | 04/10/2008   | 19.00        |            | Continued. | Gas Restriction              |               |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction              |               |
| Uran Unit 3             | 60       | 16/06/2010   | 19.52        |            | Continued. | R.M.Work.                    |               |
| Bhusawal Unit 3         | 210      | 10/02/2011   | 18.30        |            | Continued. | Feeder gear control problem. |               |
| Koradi Unit 7           | 210      | 11/02/2011   | 21.27        | 14/02/2011 | 10.10      | Air Heater problem           |               |
| Cent_Sect NTPC(V-10)    | 500      | 13/02/2011   | 15.52        | 13/02/2011 | 18.45      | Bus Fault                    |               |
| Parli Unit 3            | 210      | 14/02/2011   | 03.00        |            | Continued. | Boiler Tube Leakage          | 17/02/2011    |
| Parli Unit 5            | 210      | 14/02/2011   | 14.05        | 14/02/2011 | 17.48      | Furnace pressure high.       |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 13/Feb/2011**

Position as on 6.30 Hrs of 14/Feb/2011

| 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 HAND TRIPPED</b>   |                    |                                                                                                          |
| Dhule-Sar'Sarovar - II                  | 11/02/2011   | 22.08        | 13/02/2011                        | 07.17              | Over Voltage.                                                                                            |
| Kolhapur - Mapusa - II                  | 12/02/2011   | 22.57        | 13/02/2011                        | 11.42              | Over Voltage                                                                                             |
| Dhule-Sar'Sarovar - I                   | 12/02/2011   | 23.50        |                                   | Continued.         | Over Voltage                                                                                             |
| Wardha - Akola - II                     | 13/02/2011   | 00.18        | 13/02/2011                        | 09.00              | Over voltage                                                                                             |
| Kolhapur - Mapusa - I                   | 13/02/2011   | 22.27        | 14/02/2011                        | 09.05              | Over Voltage                                                                                             |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                                          |
| Wardha - Deoli (PGCIL)                  | 10/02/2011   | 15.18        |                                   | Continued.         | 220KV Wardha-Yavatmal line reoriented as 220KV Deoli-Yavatmal Ckt via 220KV Aux.Bus of 220KV Wardha S/S. |
| <b>IntraState</b>                       |              |              |                                   |                    |                                                                                                          |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                                          |
| Koradi - Kaparkheda                     | 12/02/2011   | 21.14        | 13/02/2011                        | 00.21              | Red Hot 29D R phaase Isolator                                                                            |
| 400/220 KV 315 MVA ICT-II @ Chakan      | 13/02/2011   | 11.32        | 13/02/2011                        | 20.19              | To attend CT leakage                                                                                     |
| 400/220 KV 315 MVA ICT - II @ Koradi.   | 14/02/2011   | 09.02        | 14/02/2011                        | 17.14              | Main Bus-II outage,(ICT HV side is on TBC)                                                               |
| Main Bus - II @ Koradi                  | 14/02/2011   | 09.16        |                                   | Continued.         | Insulator String replacement                                                                             |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                                          |
| Babaleshwar - Chalisgaon                | 15/12/2010   | 13.42        |                                   | Continued.         | Conversion of S/C to D/C(6 MonthOutage.)                                                                 |
| 220/100 KV125 MVA ICT-III @Trombay      | 06/01/2011   | 12.03        |                                   | Continued.         | Augmentation by New 200 MVA ICT up to 20.03.2011.                                                        |
| 220/132KV 50MVA ICT-I @Peth             | 04/02/2011   | 08.45        |                                   | Continued.         | Augmentation by 100MVA ICT(upto 14/02/2011).                                                             |
| Borivali-Mulund                         | 06/02/2011   | 22.17        |                                   | Continued.         | From Borivali end for strengthing Mumbai system up to 28.02.11                                           |
| Kalwa - Borivali                        | 06/02/2011   | 22.51        |                                   | Continued.         | From Kalwa end strengthing Mumbai system up to 28.02.11                                                  |
| 220/110 KV 100 MVA T/F - II @ Mudshingi | 07/02/2011   | 15.12        |                                   | Continued.         | Augmentation by 200 MVA.up to 15/03/11                                                                   |
| 220/132KV 100 MVA ICT-I @ Khadka        | 10/02/2011   | 10.14        |                                   | Continued.         | Replacement of 100MVA by200 MVA ICT(upto 06.03.11)                                                       |
| 220/33 KV 25 MVA T/F I Hingoli          | 10/02/2011   | 18.40        |                                   | Continued.         | Kept on humming. at 19.24 Hrs.                                                                           |
| 220/132KV 100MVA ICT I at Hingoli       | 10/02/2011   | 18.40        |                                   | Continued.         | Kept on humming,HV side at 19.24 Hrs.                                                                    |
| 220/132KV 100MVA ICT II at Hingoli      | 10/02/2011   | 18.40        |                                   | Continued.         | Kept on humming,HV side at 19.15 Hrs.                                                                    |
| 220/33KV 25 MVA T/F II at Hingoli       | 10/02/2011   | 18.40        |                                   | Continued.         | Kept on humming. at 19.28 Hrs.                                                                           |
| 220/132KV 200MVA ICT-II at Dhule        | 12/02/2011   | 21.33        | 13/02/2011                        | 02.31              | H.V.Bushing Oil Leakage                                                                                  |
| Bus Coupler at Aarey                    | 13/02/2011   | 08.54        | 13/02/2011                        | 12.18              | Annual Bay Maint.and SF6 Gas Purification                                                                |
| Tifil-Trombay                           | 13/02/2011   | 09.50        |                                   | Continued.         | Stringing og new Ckt.between loc.no.22-39 on newly erected towers                                        |
| Chakan-Volkaswagon                      | 13/02/2011   | 10.38        | 13/02/2011                        | 17.39              | Stringing work                                                                                           |
| New Koyna - Pawas                       | 14/02/2011   | 09.11        | 14/02/2011                        | 17.44              | Insulator replacement                                                                                    |
| 220/110 KV 200 MVA ICT - I @ Kolhapur   | 14/02/2011   | 09.15        | 14/02/2011                        | 19.15              | To attend Oil Leakage                                                                                    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 13/Feb/2011**

Position as on 6.30 Hrs of 14/Feb/2011

| Name of Line                      | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                    |
|-----------------------------------|--------------|--------------|-----------------------------------|--------------------|-----------------------------------------------------|
| Main Bus-I at Pawas               | 14/02/2011   | 09.59        | 14/02/2011                        | 17.35              | Cold Washing of Bus Insulator                       |
| Bhigwan-Kurkum                    | 14/02/2011   | 10.20        | 14/02/2011                        | 12.15              | Earthing work                                       |
| Aurangabad-Chitegaon-II           | 14/02/2011   | 10.26        | 14/02/2011                        | 16.06              | Q.M.Work                                            |
| Badnera-Amravati                  | 14/02/2011   | 14.56        | 14/02/2011                        | 16.51              | DCRM of Main breaker(CKT on TBC)                    |
| Baramati Agro - Bhigwan           | 14/02/2011   | 15.20        | 14/02/2011                        | 17.25              | Earthing work                                       |
| <b>Voltage Level : 132KV</b>      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                     |
| Bhandara - Madgi - II             | 14/02/2011   | 11.02        |                                   | Continued.         | Erection of Tower and Restranging work              |
| Bhandara - Madgi -I               | 14/02/2011   | 11.10        |                                   | Continued.         | Erection of Tower and Restranging work              |
| <b>Voltage Level : 100KV</b>      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                     |
| Kalwa - Salsette                  | 14/02/2011   | 09.33        | 14/02/2011                        | 14.53              | To open A Phase Loop at Loc.86                      |
| <b>Voltage Level : 400KV</b>      |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                     |
| 400/220 KV 315 MVA ICT-I @ Parly. | 11/02/2011   | 22.43        |                                   | Continued.         | PDR problem (ICT LV side is on TBC)                 |
| Karad - Kolhapur - I              | 14/02/2011   | 11.03        | 14/02/2011                        | 14.19              | For Erection of 400KV Jaigad Ckt Tower near karad   |
| 400/220 KV 300 MVA ICT-I @ Koradi | 14/02/2011   | 15.25        | 14/02/2011                        | 16.28              | To attend Buchholz Alarm                            |
| <b>Voltage Level : 220KV</b>      |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                     |
| 220/132KV 200MVA ICT-II at Dhule  | 14/02/2011   | 20.14        | 14/02/2011                        | 21.23              | For Inspection of HV Bushing Oil Level              |
| <b>Voltage Level : 132KV</b>      |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                     |
| Bhusawal -Yawal                   | 14/02/2011   | 16.18        | 14/02/2011                        | 18.01              | Rotary switch work,Ckt on TBC                       |
| <b>Voltage Level : 400KV</b>      |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                     |
| Karad - Kolhapur - I              | 12/02/2011   | 13.56        | 13/02/2011                        | 07.29              | Line Isolator Problem                               |
| Bhusawal- Aurangabad              | 12/02/2011   | 22.58        | 13/02/2011                        | 04.00              | Over Voltage                                        |
| Bhusawal- Aurangabad              | 13/02/2011   | 22.44        | 14/02/2011                        | 04.30              | Over Voltage                                        |
| <b>Voltage Level : 220KV</b>      |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                     |
| Babaleshwar - Bhenda              | 10/01/2011   | 09.30        |                                   | Continued.         | To Control Babaleshwar ICT Load.                    |
| Dhule-Chalishaon                  | 18/01/2011   | 15.53        |                                   | Continued.         | To control O/L Dhule ICT's.                         |
| Chandrapur-Warora - I             | 01/02/2011   | 00.39        |                                   | Continued.         | To Control Line Loading of 220KV Warora-Hinganghat. |
| 220/100KV, 200MVA T/F-IV at Kalwa | 06/02/2011   | 20.32        |                                   | Continued.         | For Thermovision inspection                         |
| Aurangabad - Babaleshwar          | 13/02/2011   | 11.35        |                                   | Continued.         | To control BBLSR ICT load                           |
| Tillawani-Talangade-I             | 14/02/2011   | 10.35        | 14/02/2011                        | 18.32              | Replacement of Jumpers of 220KV bays                |
| Tilwani - Talandge - II           | 14/02/2011   | 10.35        | 14/02/2011                        | 18.33              | Replacement of Jumpers of 220KV Bays                |
| Tilawani-Miraj                    | 14/02/2011   | 10.38        | 14/02/2011                        | 18.35              | Replacement of Jumpers of 220KV bays                |
| Main Bus at Tilwani               | 14/02/2011   | 10.40        | 14/02/2011                        | 18.40              | To attend Hot Spot                                  |
| Kandalgaon - Lonand               | 14/02/2011   | 14.30        | 14/02/2011                        | 16.45              | To Facilitate Minister's Helicopter landing         |
| <b>Voltage Level : 100KV</b>      |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                     |
| Kalwa - Salsette - II             | 04/02/2011   | 17.14        |                                   | Continued.         | H/T From Kalwa end.                                 |
| <b>Voltage Level : 400KV</b>      |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                     |
| 400/220 KV 315 MVA ICT            | 13/02/2011   | 04.45        | 13/02/2011                        | 05.15              | Pole Discrepancy LV side                            |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 13/Feb/2011**

Position as on 6.30 Hrs of 14/Feb/2011

| Name of Line                         | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                                                                                         |
|--------------------------------------|--------------|--------------|----------------------------|--------------------|----------------------------------------------------------------------------------------------------------|
| @ Khadka                             |              |              |                            |                    |                                                                                                          |
| Karad - Kolhapur - II                | 13/02/2011   | 18.03        | 14/02/2011                 | 10.43              | Over Voltage                                                                                             |
| 400/220 KV 315 MVA ICT-II @ Kharghar | 13/02/2011   | 18.16        | 13/02/2011                 | 18.44              | Tripped from LV side only                                                                                |
| 400/220KV 315MVA ICT-I at Kharghar   | 13/02/2011   | 18.16        | 13/02/2011                 | 19.55              | Tripped from both end                                                                                    |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type TRIPPED</b> |                    |                                                                                                          |
| Wardha - Yawatmal                    | 10/02/2011   | 15.18        |                            | Continued.         | 220KV Wardha-Yawatmal line reoriented as 220KV Deoli-Yawatmal Ckt via 220KV Aux.Bus of 220KV Wardha S/S. |
| Khaparkheda-Kawlewada-I              | 11/02/2011   | 21.37        | 13/02/2011                 | 15.09              | Distance Protection                                                                                      |
| Kharghar-Uran-I                      | 13/02/2011   | 18.16        | 14/02/2011                 | 01.17              | B phase LA Burst                                                                                         |
| Nasik - Airoli - Knowledge Park      | 14/02/2011   | 05.44        | 14/02/2011                 | 06.28              | Distance Protection                                                                                      |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type TRIPPED</b> |                    |                                                                                                          |
| Manmad - Chandwad                    | 13/02/2011   | 11.25        | 13/02/2011                 | 11.55              | Over Current                                                                                             |
| 132/33KV 50MVA T/F-I at Chandwad     | 13/02/2011   | 11.25        | 13/02/2011                 | 11.45              | Tripped                                                                                                  |
| 132/33KV 50MVA T/F-I at Manmad       | 13/02/2011   | 11.38        | 13/02/2011                 | 13.05              | Differential Protection                                                                                  |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 14/Feb/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 160         |
| Unit 6             | 210                   | 160         |
| Unit 7             | 210                   | 0           |
|                    | <b>620</b>            | <b>320</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 500                   |             |
|                    | <b>920</b>            | <b>160</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 170         |
| Unit 5             | 210                   | 195         |
| Unit 6             | 250                   | 200         |
| Unit 7             | 250                   | 220         |
|                    | <b>1130</b>           | <b>785</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 475         |
| Unit 6             | 500                   | 475         |
| Unit 7             | 500                   | 480         |
|                    | <b>2340</b>           | <b>2140</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 220         |
| Unit 4             | 250                   | 210         |
|                    | <b>500</b>            | <b>430</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 210         |
| Unit 2             | 210                   | 210         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   |             |
|                    | <b>1340</b>           | <b>630</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 81          |
| Unit 2             | 120                   | 81          |
| Unit 3             | 210                   | 172         |
| Unit 4             | 210                   | 192         |
| Unit 5             | 210                   | 182         |
|                    | <b>870</b>            | <b>708</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 470         |
|                    | <b>852</b>            | <b>470</b>  |
| <b>Dabhol</b>      |                       |             |
| RGPP               | 960                   | 1200        |
|                    | <b>960</b>            | <b>1200</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          |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 15          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 14          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 33          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>221</b>  |
| <b>PENCH (MS)</b> |                       |             |
| Pench (MS)        | 53                    |             |
|                   | <b>53</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                     |             |
| Nandurbar         | 0                     |             |
| Khandke           | 0                     |             |
| Khaparale         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>CPP</b>        |                       |             |
| JSW JAIGAD        | 300                   | 275         |
| WARDHA            | 135                   | 316         |
| Other CPPs        | 0                     |             |
|                   | <b>435</b>            | <b>591</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3542        |
|                   | <b>3143</b>           | <b>3542</b> |