



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**14/Feb/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 14/Feb/2010 SUNDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 129.085        | 1722.753        | 1) Madhya Pradesh              | 62.734         | 899.157         |
| 2) Hydro                 | 6.674          | 103.501         | 2) Gujrat                      | 12.138         | 312.904         |
| 3) Gas                   | 10.233         | 167.444         | 3) Goa                         | -5.802         | -87.507         |
| <b>Total MSGENCO</b>     | <b>145.992</b> | <b>1993.698</b> | 4) TAPS 1&2 (Inj.)             | 7.334          | 95.924          |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.387         | -2.749          |
| 1) RGPPL Gas             | 38.200         | 445.126         | <b># Total Cent. Sector</b>    | <b>76.017</b>  | <b>1217.729</b> |
| 2) Wind Generation       | 2.481          | 32.798          | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 0.387          | 2.749           | 1) With TPCL                   | 0.360          | -52.104         |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 23.919         | 331.172         | 1) MSEDCL Bilateral            | 5.925          | 82.311          |
| 2) TPCL Hydro            | 0.090          | 65.530          | Include PX                     | 0.000          | 1.247           |
| <b>TOTAL TPCL</b>        | <b>24.009</b>  | <b>396.702</b>  | 2) MUMBAI Bilateral            | 0.806          | 56.252          |
| 3) REL Thermal           | 12.649         | 176.746         | Include PX                     | 0.662          | 35.861          |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | 0.806          | 61.294          |
| 1) Thermal (A1+C1+C3)    | 165.653        | 2230.671        | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 7.151          | 171.780         | 1) MSEDCL                      | 263.437        | 3639.996        |
| 3) Gas (A3+B1)           | 48.433         | 612.570         | 2) TPCL                        | 23.033         | 407.883         |
| 4) Wind (B2)             | 2.481          | 32.798          | 3) REL                         | 13.264         | 217.563         |
| <b>TOTAL STATE</b>       | <b>223.718</b> | <b>3047.819</b> | <b>TOTAL STATE</b>             | <b>299.734</b> | <b>4265.442</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 4 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 5478                      | 5569                      | 5174                      |
| MSGENCO Hydro                                                              | 764                       | 243                       | 154                       |
| MSGENCO Gas                                                                | 380                       | 540                       | 380                       |
| <b>MSGENCO Total Generation</b>                                            | <b>6622</b>               | <b>6352</b>               | <b>5708</b>               |
| Central Sector Receipt                                                     | 3275                      | 3372                      | 2599                      |
| RGPPL                                                                      | 1591                      | 1590                      | 1600                      |
| WIND                                                                       | 19                        | 205                       | 56                        |
| Exchange with TPCL                                                         | 15                        | -4                        | 7                         |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>11535</b>              | <b>11535</b>              | <b>9970</b>               |
| Load Shedding                                                              | 3289                      | 3811                      | 2223                      |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>14824</b>              | <b>15346</b>              | <b>12193</b>              |
| TPCL GENERATION                                                            | 1178                      | 1228                      | 725                       |
| REL GENERATION                                                             | 526                       | 525                       | 529                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>1689</b>               | <b>1757</b>               | <b>1247</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>13224</b>              | <b>13292</b>              | <b>11217</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>16513</b>              | <b>17103</b>              | <b>13440</b>              |
| Frequency (Hz)                                                             | 49.79                     | 50.11                     | 50.00                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 3763 Mw at 15.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 74.80 Mus                 |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.55 Hz at 17.06 Hrs | 49.34 Hz at 08.35 Hrs | 49.89         | 0 % of Time      |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 14/Feb/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.95        | 26.69         | 87       | 76       | 80       |
| Unit 2           | 1.61        | 20.19         | 73       | 60       | 70       |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 1.92        | 16.45         | 92       | 70       | 80       |
| Unit 5           | 3.75        | 49.31         | 168      | 126      | 150      |
| Unit 6           | 3.85        | 53.11         | 176      | 140      | 160      |
| Unit 7           | 4.54        | 60.94         | 202      | 174      | 200      |
|                  | 17.62       | 226.70        |          |          | 740      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.20        | 15.47         | 50       | 50       | 50       |
| Unit 2           | 4.58        | 63.09         | 198      | 185      | 195      |
| Unit 3           | 4.56        | 63.78         | 199      | 184      | 195      |
|                  | 10.34       | 142.34        |          |          | 440      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.58        | 7.90          | 26       | 23       | 23       |
| Unit 2           | 0.55        | 7.54          | 24       | 21       | 23       |
| Unit 3           | 3.61        | 51.82         | 163      | 140      | 170      |
| Unit 4           | 4.43        | 58.85         | 204      | 162      | 200      |
| Unit 5           | 0.56        | 0.56          | 165      | 0        | 0        |
| Unit 6           | 5.35        | 84.56         | 251      | 208      | 250      |
|                  | 15.08       | 211.22        |          |          | 666      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.38        | 48.58         | 146      | 136      | 150      |
| Unit 2           | 3.29        | 51.69         | 148      | 126      | 140      |
| Unit 3           | 4.09        | 58.29         | 190      | 140      | 180      |
| Unit 4           | 4.42        | 63.42         | 192      | 172      | 180      |
| Unit 5           | 10.52       | 139.87        | 453      | 417      | 450      |
| Unit 6           | 9.13        | 126.49        | 400      | 360      | 450      |
| Unit 7           | 9.92        | 143.47        | 435      | 390      | 450      |
|                  | 44.75       | 631.81        |          |          | 2000     |
| Paras            |             |               |          |          |          |
| Unit 2           | 1.10        | 14.99         | 48       | 42       | 46       |
| Unit 3           | 4.83        | 62.30         | 218      | 182      | 210      |
|                  | 5.92        | 77.30         |          |          | 256      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.55        | 14.35         | 208      | 162      | 190      |
| Unit 2           | 4.50        | 63.13         | 192      | 182      | 190      |
| Unit 3           | 5.15        | 68.33         | 216      | 212      | 210      |
| Unit 4           | 4.46        | 62.23         | 218      | 0        | 210      |
|                  | 18.66       | 208.04        |          |          | 800      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.21        | 26.12         | 98       | 76       | 95       |
| Unit 2           | 2.26        | 21.91         | 102      | 88       | 95       |
| Unit 3           | 2.64        | 54.49         | 206      | 0        | 0        |
| Unit 4           | 4.72        | 56.10         | 206      | 190      | 205      |
| Unit 5           | 4.89        | 66.72         | 208      | 196      | 200      |
|                  | 16.71       | 225.34        |          |          | 595      |
| Uran             |             |               |          |          |          |
| All Units        | 10.23       | 167.44        | 540      | 376      | 380      |
|                  | 10.23       | 167.44        |          |          | 380      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.48        | 18.70         | 245      | 30       | 440      |
| Stage 4          | 0.00        | 12.90         | 5        | 0        | 250      |
| Kovna 12&4 Total | 1.49        | 31.59         |          |          | 690      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 0.46         | 6.94          | 160      | 0        | 240         |
|                   | <b>1.95</b>  | <b>38.53</b>  |          |          | <b>930</b>  |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.00         | 4.08          | 0        | 0        | 36          |
| VTRNA             | 0.00         | 3.64          | 0        | 0        | 0           |
| TILLARI           | 0.37         | 5.07          | 59       | 0        | 60          |
| BHTGR/VEER        | 1.96         | 25.09         | 82       | 80       | 80          |
| BHIRA T.R.        | 0.14         | 3.64          | 48       | 0        | 80          |
| RNGR+BHTSA        | 0.30         | 4.07          | 15       | 11       | 15          |
| BHANDARDRA        | 0.75         | 4.92          | 32       | 30       | 31          |
| ELDARY            | 0.00         | 1.27          | 0        | 0        | 0           |
| PAITHAN           | 0.06         | 0.76          | 10       | 0        | 10          |
| GHATGHAR          | 1.15         | 12.44         | 125      | 0        | 0           |
|                   | <b>4.72</b>  | <b>64.97</b>  |          |          | <b>312</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.39         | 2.75          | 53       | 0        |             |
|                   | <b>0.39</b>  | <b>2.75</b>   |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.06         | 1.11          |          |          |             |
| Vankuswadi        | 0.25         | 3.24          |          |          |             |
| ATIT              | 0.17         | 1.23          |          |          |             |
| Kale              | 0.06         | 0.91          |          |          |             |
| Satara            | 0.10         | 1.50          |          |          |             |
| Shirala           | 0.07         | 1.05          |          |          |             |
| K Mahankal        | 0.04         | 0.41          |          |          |             |
| Supa              | 0.07         | 0.80          |          |          |             |
| Vita              | 0.34         | 5.67          |          |          |             |
| Dondaicha         | 0.83         | 10.45         |          |          |             |
| Sakri             | 0.13         | 1.69          |          |          |             |
| Nandurbar         | 0.14         | 1.56          |          |          |             |
| Khadakale         | 0.20         | 1.93          |          |          |             |
| Khaparale         | 0.03         | 1.25          |          |          |             |
|                   | <b>2.48</b>  | <b>32.80</b>  |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 38.20        | 445.13        | 1607     | 1575     | 1571        |
| RGPP L III        |              | 0.00          | 0        | 0        |             |
|                   | <b>38.20</b> | <b>445.13</b> |          |          | <b>1571</b> |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5         | 8.86         | 65.97         | 450      | 230      | 500         |
| Trombay 6         | 5.36         | 135.71        | 450      | 150      | 500         |
| Trombay 7A        | 2.88         | 34.45         | 128      | 100      | 120         |
| Trombay 7B        | 1.60         | 20.80         | 68       | 60       | 60          |
| Trombay 8         | 5.22         | 74.25         | 250      | 150      | 250         |
| TATA Hydro        | 0.09         | 65.53         | 36       | 0        | 447         |
|                   | <b>24.01</b> | <b>396.70</b> |          |          | <b>1877</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.65        | 176.75        | 530      | 525      | 500         |
|                   | <b>12.65</b> | <b>176.75</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 2846        |
|                   |              |               |          |          | <b>2846</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 129.08        | 1722.75        |  | 5497         |
|                    | Thml+Gas | 139.32        | 1890.20        |  | 5877         |
|                    | Hydro    | 6.67          | 103.50         |  | 1242         |
|                    | Total    | 145.99        | 1993.70        |  | 7119         |
| <b>State Total</b> |          | <b>223.72</b> | <b>3047.82</b> |  | <b>13913</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 14/Feb/2010

| TIME<br>SR.<br>NO. | MSPGCL GEN. |      |       | TOTAL  | RGPPL | WIND | CS<br>SHARE | CS<br>RECPT | MUMBAI |       | MSEDCL<br>DEMAND<br>MET | # LOAD<br>SHED. | MSEDCL<br>DEMAND<br>WITH LS | MUMBAI<br>DEMAND | STATE<br>DEM.<br>WITH LS | FREQ.<br>(Hz) |
|--------------------|-------------|------|-------|--------|-------|------|-------------|-------------|--------|-------|-------------------------|-----------------|-----------------------------|------------------|--------------------------|---------------|
|                    | THM         | HY   | GAS   |        |       |      |             |             | SCH.   | EXCH. |                         |                 |                             |                  |                          |               |
| 1                  | 5214        | 154  | 378   | 5746   | 1580  | 122  | 2532        | 2943        | -39    | 11    | 10402                   | 2134            | 12536                       | 1427             | 13963                    | 49.96         |
| 2                  | 5218        | 159  | 376   | 5753   | 1585  | 104  | 2532        | 2793        | -39    | 9     | 10244                   | 2165            | 12409                       | 1323             | 13732                    | 49.96         |
| 3                  | 5178        | 154  | 380   | 5712   | 1590  | 74   | 2532        | 2774        | -39    | 13    | 10163                   | 2054            | 12217                       | 1260             | 13477                    | 49.96         |
| 4                  | 5174        | 154  | 380   | 5708   | 1600  | 56   | 2532        | 2599        | -39    | 7     | 9970                    | 2223            | 12193                       | 1247             | 13440                    | 50.00         |
| 5                  | 5218        | 159  | 380   | 5757   | 1601  | 30   | 2533        | 2830        | -39    | 4     | 10222                   | 2293            | 12515                       | 1249             | 13764                    | 49.96         |
| 6                  | 5256        | 154  | 378   | 5788   | 1607  | 30   | 2532        | 2999        | -39    | 8     | 10432                   | 2662            | 13094                       | 1285             | 14379                    | 49.89         |
| 7                  | 5323        | 169  | 380   | 5872   | 1607  | 42   | 2756        | 2977        | 51     | 95    | 10593                   | 3048            | 13641                       | 1330             | 14971                    | 49.82         |
| 8                  | 5369        | 182  | 380   | 5931   | 1602  | 33   | 2760        | 3158        | 51     | 97    | 10821                   | 3212            | 14033                       | 1347             | 15380                    | 49.73         |
| 9                  | 5385        | 291  | 380   | 6056   | 1600  | 20   | 2773        | 3427        | 45     | 88    | 11191                   | 3116            | 14307                       | 1452             | 15759                    | 49.59         |
| 10                 | 5346        | 444  | 380   | 6170   | 1599  | 21   | 3005        | 3225        | -38    | 16    | 11031                   | 3299            | 14330                       | 1568             | 15898                    | 49.65         |
| 11                 | 5398        | 710  | 380   | 6488   | 1598  | 20   | 2996        | 3548        | -38    | 12    | 11666                   | 3042            | 14708                       | 1637             | 16345                    | 49.84         |
| 12                 | 5478        | 764  | 380   | 6622   | 1591  | 19   | 2992        | 3275        | -38    | 15    | 11535                   | 3289            | 14824                       | 1689             | 16513                    | 49.79         |
| 13                 | 5494        | 650  | 379   | 6523   | 1585  | 34   | 3040        | 3315        | -38    | 7     | 11488                   | 3247            | 14735                       | 1675             | 16410                    | 49.90         |
| 14                 | 5443        | 294  | 379   | 6116   | 1580  | 74   | 3058        | 3580        | -38    | 8     | 11383                   | 3189            | 14572                       | 1590             | 16162                    | 49.93         |
| 15                 | 5436        | 280  | 384   | 6100   | 1585  | 96   | 3075        | 3489        | -38    | 16    | 11313                   | 3332            | 14645                       | 1568             | 16213                    | 49.91         |
| 16                 | 5412        | 280  | 399   | 6091   | 1585  | 122  | 3089        | 3453        | -38    | -9    | 11269                   | 3120            | 14389                       | 1502             | 15891                    | 49.81         |
| 17                 | 5420        | 285  | 432   | 6137   | 1575  | 141  | 3098        | 3478        | -38    | 13    | 11371                   | 3105            | 14476                       | 1496             | 15972                    | 49.90         |
| 18                 | 5442        | 183  | 504   | 6129   | 1580  | 150  | 3098        | 3729        | -38    | 8     | 11606                   | 2805            | 14411                       | 1516             | 15927                    | 50.11         |
| 19                 | 5540        | 280  | 540   | 6360   | 1580  | 161  | 2787        | 3287        | -41    | -2    | 11439                   | 3493            | 14932                       | 1631             | 16563                    | 49.90         |
| 20                 | 5569        | 243  | 540   | 6352   | 1590  | 205  | 2937        | 3372        | -41    | -4    | 11535                   | 3811            | 15346                       | 1757             | 17103                    | 50.11         |
| 21                 | 5522        | 218  | 540   | 6280   | 1590  | 259  | 2925        | 3206        | -41    | 20    | 11402                   | 3349            | 14751                       | 1797             | 16548                    | 49.96         |
| 22                 | 5473        | 159  | 540   | 6172   | 1600  | 258  | 2928        | 3055        | -41    | 18    | 11150                   | 3180            | 14330                       | 1755             | 16085                    | 50.06         |
| 23                 | 5430        | 154  | 527   | 6111   | 1590  | 207  | 2867        | 2844        | -128   | -73   | 10726                   | 3009            | 13735                       | 1692             | 15427                    | 49.79         |
| 24                 | 5354        | 154  | 517   | 6025   | 1600  | 203  | 2815        | 2661        | -81    | -17   | 10492                   | 1996            | 12488                       | 1505             | 13993                    | 49.84         |
| MUs                | 129.09      | 6.67 | 10.23 | 146.00 | 38.20 | 2.48 | 68.19       | 76.02       | -0.81  | 0.36  | 263.44                  | 70.17           | 333.62                      | 36.30            | 369.92                   | 49.89         |

NOTE : ALL VALUES IN MW

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

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 14/Feb/2010**

Position as on 6.30 Hrs of 15/Feb/2010

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                        | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                         |               |
| Cent_Sect KARPR1        | 220      | 01/07/2008   | 00:10        |            | Continued. | COH(En-Mass Coolant Clanel Replacement) | 31/03/2010    |
| Koradi Unit 3           | 105      | 09/01/2010   | 00.17        |            | Continued. | COH.                                    | 21/03/2010    |
| Uran Unit 6             | 108      | 20/01/2010   | 01:22        |            | Continued. | Major Overhauling work.                 | 05/03/2010    |
| Koyna Unit 9            | 80       | 20/01/2010   | 11:00        |            | Continued. | AOH.                                    | 19/02/2010    |
| Koyna Unit 7            | 80       | 10/02/2010   | 08.10        |            | Continued. | Pressure Shaft work(For 15 Days)        | 25/02/2010    |
| Koyna Unit 8            | 80       | 10/02/2010   | 08.25        |            | Continued. | Needle valve work (For 15 Days)         | 25/02/2010    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Uran Unit 2             | 60       | 04/10/2008   | 19.00        |            | Continued. | Gas Restriction                         |               |
| Dabhol 3A               | 230      | 08/11/2008   | 13.45        |            | Continued. | Exhaust temp.& vibn.high                | 31/03/2010    |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Tata Trombay 4          | 150      | 01/12/2009   | 19:16        |            | Continued. | W/Dn.                                   |               |
| Parli Unit 5            | 210      | 30/01/2010   | 17.34        | 14/02/2010 | 18.21      | Hydrogen Leakage                        |               |
| Cent_Sect TARAPUR-3     | 540      | 08/02/2010   | 01.47        | 14/02/2010 | 11.54      | Tripped.                                |               |
| Nasik Unit 3            | 210      | 13/02/2010   | 18.10        | 14/02/2010 | 10.10      | W/D due to clinker formation.           |               |
| Uran Unit 8             | 108      | 14/02/2010   | 00.10        | 14/02/2010 | 14.42      | Filter replacement.                     |               |
| Khaparkheda Unit 4      | 210      | 14/02/2010   | 21.27        |            | Continued. | Turbine Vibration                       | 17/02/2010    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 14/Feb/2010**

Position as on 6.30 Hrs of 15/Feb/2010

| Name of Line                             | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                         |
|------------------------------------------|--------------|--------------|-----------------------------------|-------------------|----------------------------------------------------------|
| <b>InterState</b>                        |              |              |                                   |                   |                                                          |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                          |
| Dhule-S'Sarovar I                        | 30/01/2010   | 16.23        |                                   | Continued.        | Hand Tripped For Over Voltage.                           |
| Akola - Wardha - II                      | 05/02/2010   | 09.22        |                                   | Continued.        | H/T to control Akola Bus Voltage.                        |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                          |
| Akola - Aurangabad - I                   | 06/02/2010   | 10.15        |                                   | Continued.        | R Ph.of breaker caught fire Bus Bar Protection Operated. |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                          |
| HALKARNI-TILLARY                         | 15/02/2010   | 11.55        | 15/02/2010                        | 12.20             | Distance protection.                                     |
| Tillary-Amona                            | 15/02/2010   | 11.55        | 15/02/2010                        | 13.20             | Distance protection.                                     |
| <b>IntraState</b>                        |              |              |                                   |                   |                                                          |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                          |
| 400/220KV 315MVA ICT-I at Kharghar       | 04/02/2010   | 12.18        |                                   | Continued.        | Taken on TBC.                                            |
| 400/220 KV,600 MVA ICT-I @ Kalwa         | 11/02/2010   | 08.35        | 15/02/2010                        | 13.52             | Replacement of 29C isolator.                             |
| Koradi-Chandrapur                        | 15/02/2010   | 08.11        | 15/02/2010                        | 17.08             | C.B.Replacement.                                         |
| Karad-Kolhapur CKT I                     | 15/02/2010   | 10.25        | 15/02/2010                        | 18.32             | Q.M.Work                                                 |
| Baramati 220KV Bay at 400 KV Jejuri s/ s | 15/02/2010   | 13.00        |                                   | Continued.        | Retrofitting of 21 A Isolator(Load will be on TBC)       |
| 400 Kv Aux.Bus at Bhusawal II            | 15/02/2010   | 13.50        | 15/02/2010                        | 17.55             | Fixing of beam for 400KV bay extension.                  |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                          |
| TBC at Kalwa.                            | 08/02/2010   | 11.35        | 15/02/2010                        | 17.42             | Replacement of 29 C Isolator.                            |
| Bus Coupler Bay @ Karad                  | 08/02/2010   | 12.02        | 15/02/2010                        | 19.33             | Isolator and Breaker Replacement.                        |
| Raymond-Washala                          | 11/02/2010   | 08.00        | 14/02/2010                        | 16.50             | Ckt.Breaker overhaul.                                    |
| 220 KV Jejuri Bus. I                     | 11/02/2010   | 13.30        |                                   | Continued.        | Outage.                                                  |
| BBLSR-Chalisgaon                         | 13/02/2010   | 17.45        | 15/02/2010                        | 17.51             | Main C.B.replacement work,Ckt charged on TBC.            |
| Boisor - Dahanu                          | 14/02/2010   | 08.44        | 14/02/2010                        | 16.46             | R.M.Work.                                                |
| 220/100 125 MVA ICT - II @ Trombay       | 14/02/2010   | 12.45        | 14/02/2010                        | 19.38             | To Attend Oil Leakage.                                   |
| N.Koyna-Lote(p)                          | 15/02/2010   | 07.40        | 15/02/2010                        | 16.15             | R.M.Work.                                                |
| Wardha--Dhamangaon                       | 15/02/2010   | 08.20        | 15/02/2010                        | 11.10             | Condenser replacement work.                              |
| New Paras TPS - Chikhali - I             | 15/02/2010   | 10.05        | 15/02/2010                        | 18.21             | Line Maint. and jumpering work.                          |
| Apta-Uran-IV                             | 15/02/2010   | 14.55        | 15/02/2010                        | 18.33             | CT jumpering work.                                       |
| <b>Voltage Level : 132KV</b>             |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                          |
| Chalisgaon - Manmad - I                  | 12/02/2010   | 09.30        |                                   | Continued.        | Breaker replacement.                                     |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                          |
| Murud-Bale                               | 08/02/2010   | 20.40        | 15/02/2010                        | 12.40             | Due to isolator problem,taken on TBC.                    |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                          |
| Bhusawal- Aurangabad                     | 11/02/2010   | 18.28        | 15/02/2010                        | 09.45             | H/T for O/V.                                             |
| Bhusawal- Aurangabad                     | 15/02/2010   | 12.07        |                                   | Continued.        | H/T for O/v.                                             |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                          |
| Chandrapur-Parli-I                       | 15/02/2010   | 20.49        | 15/02/2010                        | 21.49             | Distance protection.                                     |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                          |
| 220/33KV, 25MVA T/F at                   | 26/01/2010   | 09:50        |                                   | Continued.        | Buccholtz Trip.                                          |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 14/Feb/2010**

Position as on 6.30 Hrs of 15/Feb/2010

| Name of Line                    | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                  |
|---------------------------------|--------------|--------------|----------------------------|--------------------|-----------------------------------|
| Gadchandur                      |              |              |                            |                    |                                   |
| Karad-Wathar                    | 15/02/2010   | 12.55        | 15/02/2010                 | 18.45              | Distance protection.              |
| Khaparkheda-Kawlewada-II        | 15/02/2010   | 16.17        | 15/02/2010                 | 16.40              | Distance protection.              |
| Lamboti-Bale-I                  | 15/02/2010   | 22.53        |                            | Continued.         | Trip Y-B Ph.C.T.Burst at Bale     |
| <b>Voltage Level : 132KV</b>    |              |              | <b>Outage Type</b> TRIPPED |                    |                                   |
| 132/33 KV,25 MVA T/F-I at Katol | 23/01/2010   | 10.44        |                            | Continued.         | Differential protection operated. |
| Parli-Kalamb                    | 15/02/2010   | 21.08        | 15/02/2010                 | 21.23              | Distance protection               |
| Girwali - Kej                   | 15/02/2010   | 21.08        | 15/02/2010                 | 21.23              | Distance protection.              |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 15/Feb/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 75          |
| Unit 2             | 105                   | 65          |
| Unit 3             | 105                   | 0           |
| Unit 4             | 105                   | 70          |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 160         |
| Unit 7             | 210                   | 175         |
|                    | <b>1040</b>           | <b>695</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 50          |
| Unit 2             | 210                   | 195         |
| Unit 3             | 210                   | 195         |
|                    | <b>478</b>            | <b>440</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 23          |
| Unit 2             | 30                    | 23          |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 180         |
| Unit 6             | 250                   | 250         |
|                    | <b>940</b>            | <b>846</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>2080</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 46          |
| Unit 3             | 250                   | 200         |
|                    | <b>305</b>            | <b>246</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 190         |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 0           |
|                    | <b>840</b>            | <b>590</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 95          |
| Unit 2             | 120                   | 95          |
| Unit 3             | 210                   | 205         |
| Unit 4             | 210                   | 205         |
| Unit 5             | 210                   | 200         |
|                    | <b>870</b>            | <b>800</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 520         |
|                    | <b>852</b>            | <b>520</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 440         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>930</b>  |
| <b>Hydro</b>       |                       |             |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 82          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 12          |
| BHANDARDRA        | 45                    | 32          |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 10          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>276</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                     |             |
| Sakri             | 0                     |             |
| Nandurbar         | 0                     |             |
| Khadakale         | 0                     |             |
| Khaparale         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>Dabhol</b>     |                       |             |
| RGPPPL II         | 960                   | 1560        |
| RGPPPL III        | 740                   |             |
|                   | <b>1700</b>           | <b>1560</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 110         |
| Trombay 7B        | 60                    | 70          |
| 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                  | 3221        |
|                   | <b>3143</b>           | <b>3221</b> |