



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**23/Jan/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 23/Jan/2010 SATURDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 119.281        | 2826.841        | 1) Madhya Pradesh              | 51.831         | 1318.303        |
| 2) Hydro                 | 7.681          | 198.621         | 2) Gujrat                      | 27.120         | 494.295         |
| 3) Gas                   | 11.394         | 303.285         | 3) Goa                         | -6.598         | -151.435        |
| <b>Total MSGENCO</b>     | <b>138.356</b> | <b>3328.747</b> | 4) TAPS 1&2 (Inj.)             | 3.644          | 80.567          |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.600         | -10.052         |
| 1) RGPPL Gas             | 37.858         | 641.561         | <b># Total Cent. Sector</b>    | <b>75.397</b>  | <b>1731.678</b> |
| 2) Wind Generation       | 1.948          | 64.813          | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 0.600          | 10.052          | 1) With TPCL                   | -3.705         | -101.580        |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 21.345         | 490.157         | 1) MSEDCL Bilateral            | 7.205          | 155.907         |
| 2) TPCL Hydro            | 5.833          | 122.239         | Include PX                     | 1.241          | 18.612          |
| <b>TOTAL TPCL</b>        | <b>27.178</b>  | <b>612.396</b>  | 2) MUMBAI Bilateral            | 4.346          | 110.260         |
| 3) REL Thermal           | 12.728         | 292.348         | Include PX                     | 2.139          | 59.894          |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | 4.721          | 117.210         |
| 1) Thermal (A1+C1+C3)    | 153.354        | 3609.346        | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 14.114         | 330.912         | 1) MSEDCL                      | 250.454        | 5675.271        |
| 3) Gas (A3+B1)           | 49.252         | 944.846         | 2) TPCL                        | 27.954         | 653.521         |
| 4) Wind (B2)             | 1.948          | 64.813          | 3) REL                         | 15.657         | 353.082         |
| <b>TOTAL STATE</b>       | <b>218.668</b> | <b>4949.917</b> | <b>TOTAL STATE</b>             | <b>294.065</b> | <b>6681.874</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                                                            | 4957                      | 5090                      | 4920                      |
| MSGENCO Hydro                                                              | 463                       | 903                       | 115                       |
| MSGENCO Gas                                                                | 461                       | 474                       | 482                       |
| <b>MSGENCO Total Generation</b>                                            | <b>5881</b>               | <b>6467</b>               | <b>5517</b>               |
| Central Sector Receipt                                                     | 3572                      | 3338                      | 2248                      |
| RGPPL                                                                      | 1570                      | 1580                      | 1605                      |
| WIND                                                                       | 94                        | 101                       | 79                        |
| Exchange with TPCL                                                         | -289                      | -289                      | -7                        |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>10881</b>              | <b>11244</b>              | <b>9468</b>               |
| Load Shedding                                                              | 3547                      | 3932                      | 0                         |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>14428</b>              | <b>15176</b>              | <b>9468</b>               |
| TPCL GENERATION                                                            | 1396                      | 1374                      | 844                       |
| REL GENERATION                                                             | 531                       | 530                       | 530                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2216</b>               | <b>2193</b>               | <b>1381</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>13097</b>              | <b>13437</b>              | <b>10849</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>16644</b>              | <b>17369</b>              | <b>10849</b>              |
| Frequency (Hz)                                                             | 49.44                     | 49.43                     | 49.88                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 4061 MW At 15.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 65.34 Mus.                |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.32 Hz at 15.05 Hrs | 48.79 Hz at 22.08 Hrs | 49.57         | .88 % 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 23/Jan/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.99        | 37.25         | 89       | 77       | 80       |
| Unit 2           | 1.75        | 37.74         | 75       | 70       | 70       |
| Unit 3           | 0.00        | 10.30         | 0        | 0        | 0        |
| Unit 4           | 1.93        | 33.04         | 93       | 50       | 80       |
| Unit 5           | 2.76        | 78.75         | 141      | 20       | 130      |
| Unit 6           | 3.42        | 75.17         | 160      | 94       | 150      |
| Unit 7           | 4.21        | 59.68         | 194      | 150      | 170      |
|                  | 16.07       | 331.93        |          |          | 680      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.23        | 21.32         | 54       | 43       | 50       |
| Unit 2           | 4.67        | 85.82         | 203      | 186      | 190      |
| Unit 3           | 4.67        | 100.76        | 195      | 190      | 195      |
|                  | 10.57       | 207.91        |          |          | 435      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.52        | 12.87         | 23       | 19       | 23       |
| Unit 2           | 0.53        | 12.57         | 25       | 19       | 23       |
| Unit 3           | 3.28        | 68.55         | 143      | 109      | 160      |
| Unit 4           | 4.40        | 105.27        | 206      | 157      | 200      |
| Unit 5           | 4.10        | 91.93         | 178      | 155      | 180      |
| Unit 6           | 5.83        | 122.45        | 251      | 232      | 240      |
|                  | 18.66       | 413.64        |          |          | 826      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.40        | 76.68         | 146      | 136      | 150      |
| Unit 2           | 3.95        | 79.93         | 175      | 157      | 160      |
| Unit 3           | 4.53        | 93.33         | 197      | 171      | 210      |
| Unit 4           | 4.71        | 86.84         | 204      | 175      | 200      |
| Unit 5           | 10.70       | 238.75        | 470      | 425      | 450      |
| Unit 6           | 10.51       | 230.38        | 455      | 420      | 450      |
| Unit 7           | 0.00        | 216.95        | 0        | 0        | 0        |
|                  | 37.81       | 1022.86       |          |          | 1620     |
| Paras            |             |               |          |          |          |
| Unit 2           | 1.02        | 16.59         | 50       | 25       | 46       |
| Unit 3           | 2.75        | 86.79         | 155      | 107      | 120      |
|                  | 3.77        | 103.38        |          |          | 166      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 0.00        | 22.60         | 0        | 0        | 0        |
| Unit 2           | 4.75        | 105.83        | 205      | 185      | 190      |
| Unit 3           | 5.00        | 106.09        | 215      | 200      | 210      |
| Unit 4           | 5.08        | 111.41        | 214      | 209      | 210      |
|                  | 14.83       | 345.93        |          |          | 610      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.52        | 43.01         | 69       | 60       | 65       |
| Unit 2           | 1.89        | 44.91         | 92       | 0        | 95       |
| Unit 3           | 4.86        | 110.87        | 208      | 182      | 205      |
| Unit 4           | 4.58        | 107.71        | 200      | 139      | 205      |
| Unit 5           | 4.72        | 94.69         | 204      | 173      | 200      |
|                  | 17.57       | 401.19        |          |          | 770      |
| Uran             |             |               |          |          |          |
| All Units        | 11.39       | 303.28        | 489      | 450      | 460      |
|                  | 11.39       | 303.28        |          |          | 460      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.94        | 40.43         | 235      | 25       | 600      |
| Stage 4          | 0.90        | 48.04         | 356      | 0        | 250      |
| Koyna 12&4 Total | 2.84        | 88.47         |          |          | 850      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 0.48         | 19.16         | 98       | 0        | 240         |
|                   | <b>3.32</b>  | <b>107.63</b> |          |          | <b>1090</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.00         | 6.63          | 0        | 0        | 0           |
| VTRNA             | 0.59         | 7.24          | 61       | 0        | 60          |
| TILLARI           | 0.37         | 8.50          | 61       | 0        | 60          |
| BHTGR/VEER        | 1.49         | 29.38         | 62       | 62       | 58          |
| BHIRA T.R.        | 0.32         | 6.25          | 82       | 0        | 80          |
| RNGR+BHTSA        | 0.31         | 7.17          | 13       | 13       | 12          |
| BHANDARDRA        | 0.00         | 6.03          | 0        | 0        | 0           |
| ELDARY            | 0.00         | 0.71          | 0        | 0        | 0           |
| PAITHAN           | 0.06         | 1.19          | 10       | 0        | 9           |
| GHATGHAR          | 1.23         | 17.88         | 125      | 0        | 0           |
|                   | <b>4.36</b>  | <b>90.99</b>  |          |          | <b>279</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.60         | 10.05         | 54       | 0        |             |
|                   | <b>0.60</b>  | <b>10.05</b>  |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.09         | 2.72          |          |          |             |
| Vankuswadi        | 0.22         | 6.82          |          |          |             |
| ATIT              | 0.03         | 1.32          |          |          |             |
| Kale              | 0.01         | 2.07          |          |          |             |
| Satara            | 0.10         | 2.75          |          |          |             |
| Shirala           | 0.06         | 2.30          |          |          |             |
| K Mahankal        | 0.05         | 1.92          |          |          |             |
| Supa              | 0.09         | 1.72          |          |          |             |
| Vita              | 0.61         | 12.99         |          |          |             |
| Dondaicha         | 0.40         | 17.32         |          |          |             |
| Sakri             | 0.04         | 2.30          |          |          |             |
| Nandurbar         | 0.05         | 1.95          |          |          |             |
| Khadakale         | 0.13         | 4.92          |          |          |             |
| Khaparale         | 0.06         | 3.73          |          |          |             |
|                   | <b>1.95</b>  | <b>64.81</b>  |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPPPL II         | 37.86        | 641.56        | 1617     | 1460     | 1557        |
| RGPPPL III        | 0.00         | 0.00          | 0        | 0        |             |
|                   | <b>37.86</b> | <b>641.56</b> |          |          | <b>1557</b> |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5         | 0.00         | 19.68         | 0        | 0        | 0           |
| Trombay 6         | 11.58        | 244.50        | 510      | 425      | 500         |
| Trombay 7A        | 2.68         | 63.35         | 127      | 86       | 120         |
| Trombay 7B        | 1.56         | 36.32         | 69       | 56       | 60          |
| Trombay 8         | 5.52         | 126.29        | 250      | 150      | 250         |
| TATA Hydro        | 5.83         | 122.24        | 481      | 0        | 447         |
|                   | <b>27.18</b> | <b>612.40</b> |          |          | <b>1377</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.73        | 292.35        | 532      | 529      | 500         |
|                   | <b>12.73</b> | <b>292.35</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 3250        |
|                   |              |               |          |          | <b>3250</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 119.28        | 2826.84        |  | 5107         |
|                    | Thml+Gas | 130.68        | 3130.13        |  | 5567         |
|                    | Hydro    | 7.68          | 198.62         |  | 1369         |
|                    | Total    | 138.36        | 3328.75        |  | 6936         |
| <b>State Total</b> |          | <b>218.67</b> | <b>4949.92</b> |  | <b>13620</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 23/Jan/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                  | 4922        | 115  | 477   | 5514   | 1595  | 59   | 2637        | 2450        | -46    | -26   | 9619                    | 0               | 9619                        | 1500             | 11119                    | 49.53         |
| 2                  | 4920        | 115  | 482   | 5517   | 1605  | 79   | 2662        | 2248        | -46    | -7    | 9468                    | 0               | 9468                        | 1381             | 10849                    | 49.88         |
| 3                  | 4958        | 115  | 488   | 5561   | 1609  | 100  | 2713        | 2231        | -46    | -3    | 9525                    | 0               | 9525                        | 1329             | 10854                    | 49.79         |
| 4                  | 4888        | 115  | 485   | 5488   | 1617  | 100  | 2742        | 2345        | -46    | -4    | 9572                    | 0               | 9572                        | 1306             | 10878                    | 49.97         |
| 5                  | 4828        | 120  | 486   | 5434   | 1606  | 115  | 2742        | 2488        | -46    | 4     | 9674                    | 101             | 9775                        | 1297             | 11072                    | 49.65         |
| 6                  | 4851        | 120  | 486   | 5457   | 1603  | 108  | 2790        | 3067        | -46    | -22   | 10233                   | 2363            | 12596                       | 1347             | 13943                    | 49.53         |
| 7                  | 4980        | 115  | 487   | 5582   | 1605  | 116  | 3097        | 2771        | 42     | 57    | 10144                   | 3192            | 13336                       | 1477             | 14813                    | 49.54         |
| 8                  | 5039        | 120  | 488   | 5647   | 1608  | 139  | 3096        | 3153        | 42     | 52    | 10599                   | 3740            | 14339                       | 1561             | 15900                    | 49.51         |
| 9                  | 5013        | 154  | 489   | 5656   | 1607  | 148  | 3094        | 2650        | 38     | 53    | 10114                   | 3844            | 13958                       | 1723             | 15681                    | 49.55         |
| 10                 | 4947        | 331  | 485   | 5763   | 1587  | 93   | 3393        | 3287        | -211   | -152  | 10578                   | 3836            | 14414                       | 1951             | 16365                    | 49.50         |
| 11                 | 4971        | 480  | 477   | 5928   | 1588  | 94   | 3488        | 3485        | -314   | -256  | 10859                   | 3473            | 14332                       | 2164             | 16496                    | 49.57         |
| 12                 | 4957        | 463  | 461   | 5881   | 1570  | 94   | 3513        | 3572        | -344   | -289  | 10881                   | 3547            | 14428                       | 2216             | 16644                    | 49.44         |
| 13                 | 4928        | 394  | 455   | 5777   | 1565  | 63   | 3563        | 3795        | -348   | -304  | 10949                   | 3577            | 14526                       | 2167             | 16693                    | 49.42         |
| 14                 | 4950        | 350  | 450   | 5750   | 1568  | 40   | 3513        | 3774        | -323   | -280  | 10872                   | 3535            | 14407                       | 2074             | 16481                    | 49.46         |
| 15                 | 4980        | 240  | 452   | 5672   | 1570  | 33   | 3590        | 3773        | -323   | -284  | 10764                   | 3653            | 14417                       | 2076             | 16493                    | 49.67         |
| 16                 | 5057        | 240  | 462   | 5759   | 1575  | 31   | 3619        | 3828        | -323   | -285  | 10908                   | 3488            | 14396                       | 2071             | 16467                    | 49.88         |
| 17                 | 5126        | 367  | 460   | 5953   | 1480  | 32   | 3565        | 3766        | -323   | -276  | 10955                   | 3497            | 14452                       | 2037             | 16489                    | 49.47         |
| 18                 | 5082        | 553  | 465   | 6100   | 1460  | 61   | 3687        | 3504        | -320   | -273  | 10872                   | 3233            | 14105                       | 2019             | 16124                    | 49.41         |
| 19                 | 5115        | 749  | 470   | 6334   | 1520  | 74   | 3218        | 3606        | -325   | -279  | 11295                   | 3715            | 15010                       | 2141             | 17151                    | 49.53         |
| 20                 | 5090        | 903  | 474   | 6467   | 1580  | 101  | 3235        | 3338        | -325   | -289  | 11244                   | 3932            | 15176                       | 2193             | 17369                    | 49.43         |
| 21                 | 5056        | 847  | 473   | 6376   | 1575  | 76   | 3194        | 3229        | -228   | -166  | 11137                   | 3613            | 14750                       | 2072             | 16822                    | 49.42         |
| 22                 | 4943        | 374  | 478   | 5795   | 1585  | 73   | 3199        | 3114        | -228   | -164  | 10450                   | 3632            | 14082                       | 2008             | 16090                    | 49.41         |
| 23                 | 4834        | 175  | 479   | 5488   | 1585  | 66   | 3228        | 3074        | -314   | -258  | 10009                   | 3183            | 13192                       | 1815             | 15007                    | 49.39         |
| 24                 | 4846        | 126  | 485   | 5457   | 1595  | 53   | 3083        | 2850        | -314   | -254  | 9734                    | 2258            | 11992                       | 1686             | 13678                    | 49.75         |
| MUs                | 119.28      | 7.68 | 11.39 | 138.36 | 37.86 | 1.95 | 76.66       | 75.40       | -4.72  | -3.70 | 250.45                  | 65.41           | 315.87                      | 43.61            | 359.48                   | 49.57         |

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 23/Jan/2010**

Position as on 6.30 Hrs of 24/Jan/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    |
| Tata Trombay 5          | 500      | 03/01/2010   | 00.57        |            | Continued. | AOH                                     | 01/02/2010    |
| Khaparkheda Unit 1      | 210      | 05/01/2010   | 23.57        |            | Continued. | AOH                                     | 09/02/2010    |
| 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    |
| <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                         |               |
| Uran Unit 3             | 60       | 05/07/2009   | 21.12        |            | Continued. | Stator Earth Fault                      |               |
| Tata Trombay 4          | 150      | 01/12/2009   | 19:16        |            | Continued. | W/Dn.                                   |               |
| Cent_Sect Tarapur 1     | 80       | 09/12/2009   | 09:22        |            | Continued. | Condenser Tube Leakage.                 | 02/02/2010    |
| Koradi Unit 4           | 115      | 24/01/2010   | 04.03        | 24/01/2010 | 09.18      | Turbine Over Speed.                     |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 23/Jan/2010**

Position as on 6.30 Hrs of 24/Jan/2010

| Name of Line                           | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                     |
|----------------------------------------|--------------|--------------|-----------------------------------|-------------------|------------------------------------------------------|
| <b>InterState</b>                      |              |              |                                   |                   |                                                      |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                      |
| Kolhapur - Amona                       | 23/01/2010   | 08.20        |                                   | Continued.        | LILo Work @ Mumewadi                                 |
| Nasik-Navsari-I                        | 24/01/2010   | 09.05        | 24/01/2010                        | 18.23             | Isolator washing                                     |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                      |
| Akola - Wardha - I                     | 12/01/2010   | 12.56        |                                   | Continued.        | H/T. SYSTEM CONSTRAINT.                              |
| Dhule-Sar'Sarovar - II                 | 12/01/2010   | 22.22        |                                   | Continued.        | H/T for O/V at Dhule S/S.                            |
| Akola - Aurangabad - I                 | 20/01/2010   | 00:45        |                                   | Continued.        | H/T System Constraint.                               |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                      |
| Nasik-Navsari -II                      | 24/01/2010   | 06.47        | 24/01/2010                        | 07.53             | Distance Protection                                  |
| <b>IntraState</b>                      |              |              |                                   |                   |                                                      |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                      |
| Kalwa-Kharghar                         | 15/01/2010   | 12.39        |                                   | Continued.        | Breaker Overhauling Work, Line on TBC.               |
| 400 KV Bus Coupler @ Chandrapur        | 18/01/2010   | 09.50        |                                   | Continued.        | Commissioning of New 400KV CGL Make Breaker          |
| 400/220 KV, 500 MVA ICT - II at Jejuri | 23/01/2010   | 11.47        | 23/01/2010                        | 15.50             | Commissioning Activities For Taking Load.            |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                      |
| 220/100KV 125 MVA ICT-II at Kalwa      | 01/05/2009   | 07:45        |                                   | Continued.        | Repair Work                                          |
| 220/132 KV 150 MVA ICT-I at Dhule      | 19/01/2010   | 15:40        |                                   | Continued.        | Main CKT Breaker New Commissioning work.ICT on TBC.  |
| Phursungi - Jejuri                     | 21/01/2010   | 19.45        | 23/01/2010                        | 12.15             | To Attend Air Leakage.                               |
| Babaleshwar - Nagar - II               | 23/01/2010   | 09.00        | 23/01/2010                        | 16.16             | Q.M.Work.                                            |
| Kharepatan-Pawas                       | 23/01/2010   | 09.03        | 23/01/2010                        | 19:20             | Replacement of Earth Wire.                           |
| Dhule-Chalisgaon                       | 23/01/2010   | 09.17        | 23/01/2010                        | 18.01             | Stringing Work of 400KV DeepNagar-Waluj D/C Line.    |
| Bhusawal-Chalisgaon-II                 | 23/01/2010   | 09.17        | 23/01/2010                        | 18.00             | Stringing Work of 400KV Bsl-Waluj.                   |
| Borivali-Kalwa                         | 23/01/2010   | 09.32        | 23/01/2010                        | 10.52             | Isolator Alignment Work.                             |
| Chalisgaon-BSL-I                       | 23/01/2010   | 10.07        | 23/01/2010                        | 18.00             | Stringing Work of 400KV Bsl-Waluj.                   |
| 220/33 KV,100 MVA ICT-II At Versova    | 24/01/2010   | 07.02        | 24/01/2010                        | 22:41             | NGT Replacement                                      |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> FORCED OUTAGE  |                   |                                                      |
| Kalwa - Salshet - III                  | 24/01/2010   | 00.09        | 24/01/2010                        | 01.40             | To Attend Red Hot Spot on R PH Breaker Clamp.        |
| 220/132 KV,100 MVA T/F-II @ Malegaon   | 24/01/2010   | 08.28        | 24/01/2010                        | 10.45             | Oil Top up                                           |
| Borivali-Tarapur                       | 24/01/2010   | 10.11        | 24/01/2010                        | 11.51             | Hot Spot at Borivali end                             |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                      |
| Trombay - Tata Tie - II                | 23/01/2010   | 02.52        | 23/01/2010                        | 10.52             | H/T For Breaker Problem.                             |
| BBLSR-Chalisgaon                       | 23/01/2010   | 09.26        | 23/01/2010                        | 18.22             | Hand Tripped To Control Loading of Bus @ Chalisgaon. |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                      |
| Karad-New Koyana II                    | 23/01/2010   | 14.43        | 23/01/2010                        | 22.00             | Dist.Prot.                                           |
| <b>Voltage Level : 132KV</b>           |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                      |
| Harangul - Nilanga                     | 23/01/2010   | 02.45        | 23/01/2010                        | 03.00             | Tripped on Dist.Prot.                                |
| Kalmeshwar - Katol                     | 23/01/2010   | 10.44        | 23/01/2010                        | 10.50             | Due To Tripping of 132/33KV 25 MVA                   |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 23/Jan/2010**

Position as on 6.30 Hrs of 24/Jan/2010

| Name of Line                         | Tripped Date | Tripped Time | Synchronised Date | Synchronised Time | Reason of Outage                  |
|--------------------------------------|--------------|--------------|-------------------|-------------------|-----------------------------------|
| 132/33 KV 25 MVA T/F-I at Kalmeshwar | 23/01/2010   | 10.44        |                   | Continued.        | T/F.                              |
|                                      |              |              |                   |                   | Differential Protection Operated. |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 24/Jan/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 80          |
| Unit 2             | 105                   | 70          |
| Unit 3             | 105                   | 0           |
| Unit 4             | 105                   | 0           |
| Unit 5             | 200                   | 25          |
| Unit 6             | 210                   | 160         |
| Unit 7             | 210                   | 160         |
|                    | <b>1040</b>           | <b>495</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 50          |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 195         |
|                    | <b>478</b>            | <b>435</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 0           |
| Unit 2             | 30                    | 23          |
| Unit 3             | 210                   | 145         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 180         |
| Unit 6             | 250                   | 240         |
|                    | <b>940</b>            | <b>788</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 140         |
| Unit 2             | 210                   | 165         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 205         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 0           |
|                    | <b>2340</b>           | <b>1620</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 46          |
| Unit 3             | 250                   | 170         |
|                    | <b>305</b>            | <b>216</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
|                    | <b>840</b>            | <b>610</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 65          |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 205         |
| Unit 4             | 210                   | 205         |
| Unit 5             | 210                   | 200         |
|                    | <b>870</b>            | <b>675</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 480         |
|                    | <b>852</b>            | <b>480</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 59          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 15          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 10          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>284</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                   | 1557        |
| RGPPPL III        | 740                   |             |
|                   | <b>1700</b>           | <b>1557</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 0           |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1377</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3059        |
|                   | <b>3143</b>           | <b>3059</b> |