



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**03/Apr/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 03/Apr/2010 SATURDAY**

| I GENERATION (MUs)       |                |                | II EXCHANGES (MUs)             |                |                |
|--------------------------|----------------|----------------|--------------------------------|----------------|----------------|
| A) MSGENCO               | Daily          | Monthly        | E) Central Sector              | Daily          | Monthly        |
| 1) Thermal               | 125.283        | 375.952        | 1) Madhya Pradesh              | 47.544         | 140.424        |
| 2) Hydro                 | 21.617         | 47.868         | 2) Gujrat                      | 27.302         | 84.479         |
| 3) Gas                   | 13.715         | 41.413         | 3) Goa                         | -6.395         | -19.145        |
| <b>Total MSGENCO</b>     | <b>160.615</b> | <b>465.233</b> | 4) TAPS 1&2 (Inj.)             | 7.162          | 21.497         |
| <b>B) OTHERS</b>         |                |                | 5) Pench (Excess)              | -0.464         | -1.152         |
| 1) RGPPL Gas             | 37.676         | 109.014        | <b># Total Cent. Sector</b>    | <b>75.149</b>  | <b>226.103</b> |
| 2) Wind Generation       | 6.666          | 26.245         | <b>F) Other Exchanges</b>      |                |                |
| 3) CPP                   | 4.246          | 13.004         | 1) With TPCL (Excess)          | -7.144         | -20.310        |
| 4) PENCH (MS)            | 0.464          | 1.152          | <b>G) Bilateral Power *</b>    |                |                |
| <b>C) TPCL &amp; REL</b> |                |                | 1) MSEDCL Bilateral            | 4.892          | 14.640         |
| 1) TPCL Thermal          | 29.206         | 87.228         | Include PX                     | 2.268          | 6.804          |
| 2) TPCL Hydro            | 2.948          | 10.552         | 2) MUMBAI Bilateral            | 8.067          | 22.922         |
| <b>TOTAL TPCL</b>        | <b>32.154</b>  | <b>97.780</b>  | Include PX                     | 1.348          | 3.525          |
| 3) REL Thermal           | 12.591         | 37.857         | 3) MUMBAI Schedule             | 8.067          | 22.922         |
| <b>D) STATE</b>          |                |                | <b>H) ENERGY CATERED (MUs)</b> |                |                |
| 1) Thermal (A1+C1+C3)    | 167.080        | 501.037        | 1) MSEDCL                      | 277.672        | 820.441        |
| 2) Hydro (A2+B3+C2)      | 25.029         | 59.572         | 2) TPCL                        | 33.375         | 100.246        |
| 3) Gas (A3+B1)           | 51.391         | 150.427        | 3) REL                         | 18.514         | 55.697         |
| 4) Wind (B2)             | 6.666          | 26.245         | <b>TOTAL STATE</b>             | <b>329.561</b> | <b>976.384</b> |
| 5) CPP (B3)              | 4.246          | 13.004         |                                |                |                |
| <b>TOTAL STATE</b>       | <b>254.412</b> | <b>750.285</b> |                                |                |                |

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

| PARTICULARS                                                                           | A. Morning Peak at 12 Hrs | B. Evening Peak at 21 Hrs | C. Night Minimum at 5 Hrs   |
|---------------------------------------------------------------------------------------|---------------------------|---------------------------|-----------------------------|
| MSGENCO Thermal                                                                       | 5246                      | 5286                      | 5094                        |
| MSGENCO Hydro                                                                         | 1067                      | 1635                      | 434                         |
| MSGENCO Gas                                                                           | 556                       | 623                       | 538                         |
| <b>MSGENCO Total Generation</b>                                                       | <b>6869</b>               | <b>7544</b>               | <b>6066</b>                 |
| Central Sector Receipt                                                                | 3458                      | 3225                      | 2678                        |
| RGPPL                                                                                 | 1485                      | 1739                      | 1528                        |
| WIND                                                                                  | 212                       | 263                       | 399                         |
| CPP                                                                                   | 192                       | 183                       | 163                         |
| Exchange with TPCL                                                                    | -516                      | -273                      | -77                         |
| <b>MSEDCL DEMAND MET</b>                                                              | <b>11751</b>              | <b>12696</b>              | <b>10757</b>                |
| Load Shedding                                                                         | 3617                      | 3253                      | 2029                        |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                                       | <b>15368</b>              | <b>15949</b>              | <b>12786</b>                |
| TPCL GENERATION                                                                       | 1531                      | 1625                      | 984                         |
| REL GENERATION                                                                        | 521                       | 524                       | 528                         |
| <b>TPCL+REL DEMAND</b>                                                                | <b>2568</b>               | <b>2422</b>               | <b>1589</b>                 |
| <b>STATE DEMAND MET</b>                                                               | <b>14319</b>              | <b>15118</b>              | <b>12346</b>                |
| <b>STATE DEMAND (INCL. LS)</b>                                                        | <b>17936</b>              | <b>18371</b>              | <b>14375</b>                |
| Frequency (Hz)                                                                        | 49.25                     | 49.15                     | 49.51                       |
| <b>MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b>   |                           |                           | <b>4581 MW AT 13:00 HRS</b> |
| <b>MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b> |                           |                           | <b>83.93 MUS.</b>           |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.14 Hz at 06:08 Hrs | 48.77 Hz at 19:08 Hrs | 49.32         | 7.06 % of Time   |

\* 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 03/Apr/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.68        | 5.02          | 86       | 43       | 50       |
| Unit 2           | 1.60        | 4.33          | 76       | 50       | 60       |
| Unit 3           | 1.49        | 4.67          | 76       | 42       | 40       |
| Unit 4           | 1.62        | 4.35          | 90       | 36       | 40       |
| Unit 5           | 3.50        | 10.37         | 155      | 133      | 140      |
| Unit 6           | 3.83        | 11.40         | 193      | 138      | 140      |
| Unit 7           | 4.43        | 13.59         | 206      | 139      | 150      |
|                  | 18.15       | 53.73         |          |          | 620      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.12        | 3.16          | 53       | 43       | 50       |
| Unit 2           | 4.51        | 12.94         | 196      | 170      | 195      |
| Unit 3           | 4.49        | 12.50         | 195      | 180      | 190      |
|                  | 10.12       | 28.59         |          |          | 435      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.55        | 1.63          | 24       | 22       | 22       |
| Unit 2           | 0.56        | 1.66          | 25       | 20       | 22       |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.68        | 11.16         | 172      | 135      | 200      |
| Unit 5           | 4.42        | 12.69         | 189      | 169      | 180      |
| Unit 6           | 6.08        | 17.69         | 255      | 252      | 250      |
| Unit 7           | 3.10        | 12.38         | 142      | 86       |          |
|                  | 18.39       | 57.20         |          |          | 674      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.34        | 9.58          | 142      | 130      | 150      |
| Unit 2           | 0.00        | 2.92          | 0        | 0        | 0        |
| Unit 3           | 4.23        | 11.33         | 188      | 142      | 190      |
| Unit 4           | 4.56        | 13.02         | 202      | 159      | 210      |
| Unit 5           | 10.42       | 29.65         | 460      | 400      | 450      |
| Unit 6           | 0.00        | 0.32          | 0        | 0        | 0        |
| Unit 7           | 10.38       | 30.59         | 455      | 360      | 450      |
|                  | 32.93       | 97.42         |          |          | 1450     |
| Paras            |             |               |          |          |          |
| Unit 2           | 1.03        | 2.70          | 46       | 37       | 40       |
| Unit 3           | 5.91        | 17.58         | 252      | 238      | 256      |
| Unit 4           | 1.88        | 6.64          | 116      | 0        |          |
|                  | 8.82        | 26.92         |          |          | 296      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 5.04        | 14.94         | 216      | 205      | 210      |
| Unit 2           | 4.45        | 13.33         | 190      | 178      | 190      |
| Unit 3           | 5.01        | 15.00         | 214      | 192      | 210      |
| Unit 4           | 4.69        | 14.25         | 211      | 176      | 210      |
|                  | 19.19       | 57.52         |          |          | 820      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.33        | 6.83          | 102      | 94       | 100      |
| Unit 2           | 2.05        | 6.57          | 97       | 71       | 95       |
| Unit 3           | 4.82        | 14.50         | 206      | 187      | 205      |
| Unit 4           | 4.52        | 13.54         | 198      | 173      | 200      |
| Unit 5           | 3.97        | 13.13         | 204      | 0        | 210      |
|                  | 17.69       | 54.57         |          |          | 810      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 3.44        | 8.68          | 375      | 40       | 600      |
| Stage 4          | 11.55       | 22.24         | 1051     | 0        | 250      |
| Stage 3          | 3.22        | 6.41          | 316      | 0        | 320      |
|                  | 18.20       | 37.34         |          |          | 1170     |
| Kovna 12&4 Total | 14.98       | 30.92         |          |          | 850      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       |          | 13.72       | 41.41         | 623      | 537      | 550      |
|                 |          | 13.72       | 41.41         |          |          | 550      |
| Hydro           |          |             |               |          |          |          |
| KDPH            |          | 0.00        | 0.00          | 0        | 0        | 0        |
| VTRNA           |          | 0.93        | 3.22          | 61       | 0        | 60       |
| TILLARI         |          | 0.37        | 1.03          | 60       | 0        | 60       |
| BHTGR/VEER      |          | 0.14        | 0.74          | 6        | 5        | 20       |
| BHIRA T.R.      |          | 0.14        | 0.62          | 74       | 0        | 80       |
| RNGR+BHTSA      |          | 0.30        | 0.90          | 13       | 12       | 10       |
| BHANDARDRA      |          | 0.77        | 1.87          | 32       | 32       | 11       |
| ELDARY          |          | 0.00        | 0.00          | 0        | 0        | 0        |
| SMLHY PTN       |          | 0.76        | 1.53          | 32       | 31       | 30       |
| GHATGHAR        |          | 0.00        | 0.62          | 0        | 0        | 0        |
|                 |          | 3.41        | 10.53         |          |          | 271      |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      |          | 0.46        | 1.15          | 51       | 0        |          |
|                 |          | 0.46        | 1.15          |          |          |          |
| Wind            |          |             |               |          |          |          |
| MalharPeth      |          | 0.16        | 0.77          |          |          |          |
| Vankuswadi      |          | 0.38        | 1.80          |          |          |          |
| ATIT            |          | 0.16        | 0.62          |          |          |          |
| Kale            |          | 0.16        | 0.70          |          |          |          |
| Satara          |          | 0.16        | 1.38          |          |          |          |
| Shirala         |          | 0.22        | 0.73          |          |          |          |
| K Mahankal      |          | 0.35        | 0.73          |          |          |          |
| Supa            |          | 0.14        | 0.55          |          |          |          |
| Vita            |          | 1.16        | 2.94          |          |          |          |
| Dondaicha       |          | 2.44        | 10.93         |          |          |          |
| Sakri           |          | 0.46        | 1.91          |          |          |          |
| Nandurbar       |          | 0.37        | 1.62          |          |          |          |
| Khadakale       |          | 0.42        | 1.52          |          |          |          |
| Khaparale       |          | 0.06        | 0.06          |          |          |          |
|                 |          | 6.67        | 26.24         |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       |          | 4.25        | 13.00         |          |          |          |
|                 |          | 4.25        | 13.00         |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           |          | 37.68       | 109.01        | 1809     | 1477     | 1443     |
|                 |          | 37.68       | 109.01        |          |          | 1443     |
| Tata            |          |             |               |          |          |          |
| Trombay 4       |          | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       |          | 9.96        | 29.88         | 415      | 415      | 420      |
| Trombay 6       |          | 9.26        | 27.08         | 510      | 200      | 500      |
| Trombay 7A      |          | 2.82        | 8.61          | 123      | 112      | 120      |
| Trombay 7B      |          | 1.58        | 4.79          | 67       | 64       | 60       |
| Trombay 8       |          | 5.58        | 16.88         | 256      | 150      | 250      |
| TATA Hydro      |          | 2.95        | 10.55         | 418      | 0        | 447      |
|                 |          | 32.15       | 97.78         |          |          | 1797     |
| REL             |          |             |               |          |          |          |
| 1&2             |          | 12.59       | 37.86         | 528      | 521      | 500      |
|                 |          | 12.59       | 37.86         |          |          | 500      |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          |          | 3084     |
|                 |          |             |               |          |          | 3084     |
| MS PG CL        | Thermal  | 125.28      | 375.95        |          |          | 5105     |
|                 | Thml+Gas | 139.00      | 417.36        |          |          | 5655     |
|                 | Hydro    | 21.62       | 47.87         |          |          | 1441     |
|                 | Total    | 160.62      | 465.23        |          |          | 7096     |
| State Total     |          | 254.41      | 750.28        |          |          | 13920    |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Apr/2010

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL  | RGPPL | WIND | CPP  | CS<br>SHARE | CS<br>RECPT | TPCL<br>SCH. | TPCL<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | # LOAD<br>SHED. | MSEDCL<br>DEMAND<br>WITH LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM.<br>WITH LS | FREQ.<br>(Hz) |
|--------------------|-------------|-------|-------|--------|-------|------|------|-------------|-------------|--------------|----------------------|-------------------------|-----------------|-----------------------------|-------------------------|--------------------------|---------------|
|                    | THM         | HY    | GAS   |        |       |      |      |             |             |              |                      |                         |                 |                             |                         |                          |               |
| 1                  | 4945        | 1602  | 538   | 7085   | 1524  | 338  | 144  | 2827        | 2876        | -135         | -95                  | 11897                   | 1676            | 13573                       | 1960                    | 15533                    | 49.38         |
| 2                  | 5071        | 1200  | 538   | 6809   | 1523  | 357  | 150  | 2888        | 2989        | -195         | -155                 | 11698                   | 1710            | 13408                       | 1811                    | 15219                    | 49.37         |
| 3                  | 5067        | 1041  | 538   | 6646   | 1521  | 379  | 144  | 2867        | 2986        | -172         | -136                 | 11562                   | 1562            | 13124                       | 1645                    | 14769                    | 49.23         |
| 4                  | 5061        | 630   | 537   | 6228   | 1531  | 390  | 171  | 2820        | 2937        | -125         | -91                  | 11169                   | 1854            | 13023                       | 1601                    | 14624                    | 49.51         |
| 5                  | 5094        | 434   | 538   | 6066   | 1528  | 399  | 163  | 2797        | 2678        | -125         | -77                  | 10757                   | 2029            | 12786                       | 1589                    | 14375                    | 49.51         |
| 6                  | 5151        | 949   | 542   | 6642   | 1525  | 396  | 169  | 2771        | 2846        | -151         | -112                 | 11466                   | 2351            | 13817                       | 1623                    | 15440                    | 49.33         |
| 7                  | 5253        | 315   | 595   | 6163   | 1532  | 350  | 168  | 3033        | 2914        | -105         | -47                  | 11080                   | 3326            | 14406                       | 1677                    | 16083                    | 49.47         |
| 8                  | 5338        | 184   | 612   | 6134   | 1529  | 253  | 163  | 3008        | 2733        | -128         | -72                  | 10740                   | 3530            | 14270                       | 1714                    | 15984                    | 49.46         |
| 9                  | 5340        | 196   | 608   | 6144   | 1526  | 167  | 190  | 3027        | 2934        | -150         | -149                 | 10812                   | 3524            | 14336                       | 1895                    | 16231                    | 49.60         |
| 10                 | 5282        | 474   | 599   | 6355   | 1503  | 176  | 197  | 3464        | 3518        | -530         | -509                 | 11260                   | 3733            | 14993                       | 2270                    | 17263                    | 49.32         |
| 11                 | 5247        | 730   | 594   | 6571   | 1495  | 171  | 202  | 3437        | 3415        | -530         | -509                 | 11396                   | 3497            | 14893                       | 2500                    | 17393                    | 49.37         |
| 12                 | 5246        | 1067  | 556   | 6869   | 1485  | 212  | 192  | 3436        | 3458        | -530         | -516                 | 11751                   | 3617            | 15368                       | 2568                    | 17936                    | 49.25         |
| 13                 | 5235        | 1000  | 546   | 6781   | 1486  | 219  | 186  | 3435        | 3595        | -530         | -510                 | 11808                   | 3562            | 15370                       | 2588                    | 17958                    | 49.30         |
| 14                 | 5263        | 994   | 544   | 6801   | 1482  | 211  | 174  | 3430        | 3491        | -530         | -501                 | 11678                   | 3514            | 15192                       | 2482                    | 17674                    | 49.29         |
| 15                 | 5337        | 864   | 546   | 6747   | 1477  | 227  | 169  | 3379        | 3290        | -530         | -499                 | 11436                   | 3652            | 15088                       | 2544                    | 17632                    | 49.19         |
| 16                 | 5174        | 897   | 545   | 6616   | 1486  | 226  | 174  | 3359        | 3459        | -531         | -499                 | 11487                   | 3430            | 14917                       | 2545                    | 17462                    | 49.22         |
| 17                 | 5027        | 944   | 551   | 6522   | 1500  | 239  | 185  | 3429        | 3393        | -531         | -499                 | 11354                   | 3454            | 14808                       | 2526                    | 17334                    | 49.30         |
| 18                 | 5131        | 825   | 569   | 6525   | 1580  | 297  | 206  | 3473        | 3464        | -531         | -501                 | 11571                   | 3161            | 14732                       | 2467                    | 17199                    | 49.29         |
| 19                 | 5311        | 734   | 619   | 6664   | 1630  | 280  | 196  | 2973        | 2930        | -337         | -294                 | 11439                   | 3456            | 14895                       | 2363                    | 17258                    | 49.31         |
| 20                 | 5301        | 1231  | 622   | 7154   | 1659  | 276  | 189  | 3015        | 3066        | -266         | -218                 | 12177                   | 3639            | 15816                       | 2477                    | 18293                    | 49.17         |
| 21                 | 5286        | 1635  | 623   | 7544   | 1739  | 263  | 183  | 3089        | 3225        | -337         | -273                 | 12696                   | 3253            | 15949                       | 2422                    | 18371                    | 49.15         |
| 22                 | 5331        | 1234  | 596   | 7161   | 1800  | 225  | 180  | 3090        | 2832        | -337         | -273                 | 11933                   | 3274            | 15207                       | 2303                    | 17510                    | 49.19         |
| 23                 | 5434        | 1195  | 574   | 7203   | 1806  | 304  | 177  | 3094        | 3109        | -337         | -278                 | 12346                   | 2822            | 15168                       | 2176                    | 17344                    | 49.27         |
| 24                 | 5332        | 1242  | 584   | 7158   | 1809  | 307  | 174  | 3084        | 2999        | -397         | -331                 | 12116                   | 1953            | 14069                       | 2143                    | 16212                    | 49.23         |
| MUs                | 125.26      | 21.62 | 13.71 | 160.59 | 37.68 | 6.66 | 4.25 | 75.22       | 75.14       | -8.07        | -7.14                | 277.63                  | 71.58           | 349.21                      | 51.89                   | 401.10                   | 49.32         |

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)

# Without Applying Load Diversity Factor

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 03/Apr/2010**

Position as on 6.30 Hrs of 04/Apr/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) | 30/04/2010    |
| Parli Unit 3            | 210      | 11/03/2010   | 03.45        |            | Continued. | Annual overhaul                         | 17/04/2010    |
| Chandrapur Unit 6       | 500      | 01/04/2010   | 01.15        |            | Continued. | Annual Overhaul                         | 30/04/2010    |
| Cent_Sect NTPC(V-2)     | 210      | 01/04/2010   | 23.20        |            | Continued. | Annual Overhaul                         | 01/05/2010    |
| Cent_Sect NTPC(K-1)     | 210      | 01/04/2010   | 23.52        |            | Continued. | Annual Overhaul                         | 01/05/2010    |
| Chandrapur Unit 2       | 210      | 01/04/2010   | 23.53        | 04/04/2010 | 16.30      | ID Fan Problem                          |               |
| <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                         |               |
| Tata Trombay 4          | 150      | 01/12/2009   | 19:16        |            | Continued. | W/Dn.                                   |               |
| Uran Unit 3             | 60       | 05/03/2010   | 09.49        |            | Continued. | Gas Restriction.                        |               |
| Dabhol 3A               | 230      | 31/03/2010   | 15.52        | 03/04/2010 | 11.29      | Withdrawn                               |               |
| Nasik Unit 5            | 210      | 03/04/2010   | 15.20        | 03/04/2010 | 17.35      | Flame Failure.                          |               |
| Paras Unit 4            | 250      | 03/04/2010   | 15.38        | 03/04/2010 | 21.25      | Flame Failure.                          |               |
| Dabhol 1A               | 230      | 04/04/2010   | 08.46        | 04/04/2010 | 10.27      | Electrical fault.                       |               |
| Dabhol 1B               | 230      | 04/04/2010   | 08.46        |            | Continued. | Electrical fault.                       | 05/04/2010    |
| Dabhol 1X               | 290      | 04/04/2010   | 08.46        | 04/04/2010 | 16.43      | Electrical fault.                       |               |
| Dabhol 2A               | 230      | 04/04/2010   | 08.46        | 04/04/2010 | 12.16      | Electrical fault.                       |               |
| Dabhol 2B               | 230      | 04/04/2010   | 08.46        | 04/04/2010 | 18.02      | Electrical fault.                       |               |
| Dabhol 2X               | 290      | 04/04/2010   | 08.46        | 04/04/2010 | 13.46      | Electrical fault.                       |               |
| Dabhol 3A               | 230      | 04/04/2010   | 08.46        |            | Continued. | Electrical fault.                       | 06/04/2010    |
| Dabhol 3B               | 230      | 04/04/2010   | 08.46        | 04/04/2010 | 13.30      | Electrical fault.                       |               |
| Dabhol 3X               | 290      | 04/04/2010   | 08.46        | 04/04/2010 | 14.46      | Electrical fault.                       |               |
| Bhusawal Unit 2         | 210      | 04/04/2010   | 15.25        | 04/04/2010 | 19.49      | Low vaccume.                            |               |
| Dabhol 1X               | 290      | 04/04/2010   | 16.53        |            | Continued. | Trip due to CTG 1,A.                    | 05/04/2010    |
| Cent_Sect Tarapur 1     | 80       | 04/04/2010   | 21.25        |            | Continued. | Condensor Tube Leakage.                 | 09/04/2010    |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 03/Apr/2010**

Position as on 6.30 Hrs of 04/Apr/2010

| 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>   |                    |                                         |
| Akola - Wardha - II                    | 26/03/2010   | 17.33        |                                   | Continued.         | H/T.                                    |
| Dhule-Sar'Sarovar - I                  | 31/03/2010   | 15.13        |                                   | Continued.         | Over Voltage                            |
| Akola - Aurangabad - II                | 31/03/2010   | 15.43        |                                   | Continued.         | Over Voltage.                           |
| <b>IntraState</b>                      |              |              |                                   |                    |                                         |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                         |
| Akola-Bhusawal                         | 03/04/2010   | 09.11        | 03/04/2010                        | 20.11              | Replacement of L A .                    |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                         |
| 220/132KV 80MVA ICT at Nanded          | 19/02/2010   | 10.48        | 03/04/2010                        | 17.03              | Augmentation of ICT by 200 MVA.         |
| 220/132 KV,100 MVA ICT-I At Kalmeshwar | 20/02/2010   | 10.34        |                                   | Continued.         | ICT replacement work.                   |
| BUS SEC-II at Jejuri                   | 19/03/2010   | 13.57        |                                   | Continued.         | Renovation of Isolator                  |
| 220/132KV 100MVA ICT-I at Parly-II     | 20/03/2010   | 09.35        |                                   | Continued.         | HV Breaker Replacement work,ICT on TBC. |
| Bableshwar-Nasik-I                     | 01/04/2010   | 11.17        | 04/04/2010                        | 00.34              | Replacement of LA and CT                |
| TBC at Kalwa.                          | 02/04/2010   | 08.16        | 03/04/2010                        | 16.38              | Replacement of 29 C Isolator.           |
| Dahanu-Ghodbunder                      | 03/04/2010   | 08.24        | 03/04/2010                        | 13.19              | C.T.Replacement.                        |
| Tie -2 @ Trombay                       | 03/04/2010   | 10.00        | 03/04/2010                        | 12.53              | Oil Leakage Problem.                    |
| Kalwa - Airoli - Knowledge Park.       | 03/04/2010   | 16.27        | 03/04/2010                        | 17.11              | To Attend Trip Ckt Faulty.              |
| Nasik - Airoli - Knowledge Park        | 04/04/2010   | 09.57        |                                   | Continued.         | Conductor Replacement.                  |
| Warora-Wardha Power CKT.II             | 04/04/2010   | 11.45        | 04/04/2010                        | 22.17              | Jumpering work of ckt.I at W.P.C.L.end. |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                         |
| Koradi - Kaparkheda                    | 25/03/2010   | 19:50        |                                   | Continued.         | H/T.                                    |
| Bhusawal- Aurangabad                   | 27/03/2010   | 18:22        |                                   | Continued.         | H/T for O/V.                            |
| Khadka - Deepnagar - II                | 31/03/2010   | 16.13        |                                   | Continued.         | Handtripped                             |
| Karad-Kolhapur CKT II                  | 03/04/2010   | 14.41        | 03/04/2010                        | 14.52              | For Shifting to Main Bus B.             |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                         |
| 220/22 KV 50 MVA T/F - I @ Airoli      | 02/04/2010   | 23.02        |                                   | Continued.         | Hand Tripped.                           |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type TRIPPED</b>        |                    |                                         |
| Padgha-Nagothane-II                    | 04/04/2010   | 10.18        | 04/04/2010                        | 16.10              | Dist,Protection.                        |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type TRIPPED</b>        |                    |                                         |
| Uran-Kharghar-II                       | 03/04/2010   | 06.33        | 03/04/2010                        | 20.53              | Dist.Prot.                              |
| Pedambe-Pophali I                      | 03/04/2010   | 12.50        | 03/04/2010                        | 13.05              | Dist.Prot.                              |
| Pedambe-Pophali I                      | 03/04/2010   | 13.20        | 03/04/2010                        | 19.55              | Dist.Prot.                              |
| K'gaon-Lonand                          | 03/04/2010   | 13.25        | 03/04/2010                        | 13.55              | Dist Prot.                              |
| <b>Voltage Level : 132KV</b>           |              |              | <b>Outage Type TRIPPED</b>        |                    |                                         |
| 132/3.3 KV 6 MVA Stn T/F @ Paras       | 15/03/2010   | 16.16        |                                   | Continued.         | B Ph C T Burst.                         |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 04/Apr/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 75          |
| Unit 2             | 105                   | 65          |
| Unit 3             | 105                   | 80          |
| Unit 4             | 105                   | 80          |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 170         |
| Unit 7             | 210                   | 200         |
|                    | <b>1040</b>           | <b>820</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 50          |
| Unit 2             | 210                   | 195         |
| Unit 3             | 210                   | 190         |
|                    | <b>478</b>            | <b>435</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 22          |
| Unit 2             | 30                    | 22          |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 180         |
| Unit 6             | 250                   | 250         |
| Unit 7             | 250                   | 0           |
|                    | <b>1190</b>           | <b>674</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 0           |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1430</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 46          |
| Unit 3             | 250                   | 250         |
| Unit 4             | 250                   | 0           |
|                    | <b>555</b>            | <b>296</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 210         |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
|                    | <b>840</b>            | <b>820</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 100         |
| Unit 2             | 120                   | 95          |
| Unit 3             | 210                   | 205         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 205         |
|                    | <b>870</b>            | <b>805</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 590         |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
|                   | <b>852</b>            | <b>590</b>  |
| <b>Hydro</b>      |                       |             |
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 6           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 12          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 32          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>250</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>CPP</b>        |                       |             |
| TOTAL CPP         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>Dabhol</b>     |                       |             |
| RGPPL             | 960                   | 1500        |
|                   | <b>960</b>            | <b>1500</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 420         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1797</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3017        |
|                   | <b>3143</b>           | <b>3017</b> |

|  |              |              |
|--|--------------|--------------|
|  | <b>17376</b> | <b>14104</b> |
|--|--------------|--------------|