



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**03/Jul/2009**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 03/Jul/2009 FRIDAY**

| I GENERATION (MUs)       |                |                | II EXCHANGES (MUs)             |                |                |
|--------------------------|----------------|----------------|--------------------------------|----------------|----------------|
| A) MSGENCO               | Daily          | Monthly        | E) Central Sector              | Daily          | Monthly        |
| 1) Thermal               | 110.819        | 338.892        | 1) Madhya Pradesh              | 52.627         | 160.056        |
| 2) Hydro                 | 5.588          | 19.554         | 2) Gujrat                      | 13.718         | 52.961         |
| 3) Gas                   | 12.331         | 39.426         | 3) Goa                         | -5.364         | -15.339        |
| <b>Total MSGENCO</b>     | <b>128.738</b> | <b>397.872</b> | 4) TAPS 1&2 (Inj.)             | 3.711          | 11.141         |
| <b>B) OTHERS</b>         |                |                | 5) Pench (Excess)              | -0.150         | -0.494         |
| 1) RGPPL Gas             | 22.449         | 67.193         | <b># Total Cent. Sector</b>    | <b>64.542</b>  | <b>208.325</b> |
| 2) Wind Generation       | 11.045         | 29.771         | <b>F) Other Exchanges</b>      |                |                |
| 3) PENCH (MS)            | 0.150          | 0.494          | 1) With TPCL                   | -10.102        | -28.231        |
| <b>C) TPCL &amp; REL</b> |                |                | <b>G) Bilateral Power *</b>    |                |                |
| 1) TPCL Thermal          | 29.203         | 87.434         | 1) MSEDCL Bilateral            | 4.778          | 14.337         |
| 2) TPCL Hydro            | 2.731          | 9.048          | Include PX                     | 0.000          | 0.000          |
| <b>TOTAL TPCL</b>        | <b>31.934</b>  | <b>96.482</b>  | 2) MUMBAI Bilateral            | 8.238          | 21.727         |
| 3) REL Thermal           | 6.311          | 23.162         | Include PX                     | 2.977          | 9.247          |
| <b>D) STATE</b>          |                |                | 3) MUMBAI Schedule             | 9.488          | 28.564         |
| 1) Thermal (A1+C1+C3)    | 146.333        | 449.488        | <b>H) ENERGY CATERED (MUs)</b> |                |                |
| 2) Hydro (A2+B3+C2)      | 8.469          | 29.096         | 1) MSEDCL                      | 216.822        | 675.918        |
| 3) Gas (A3+B1)           | 34.780         | 106.619        | 2) TPCL                        | 32.125         | 98.371         |
| 4) Wind (B2)             | 11.045         | 29.771         | 3) REL                         | 16.222         | 49.501         |
| <b>TOTAL STATE</b>       | <b>200.627</b> | <b>614.974</b> | <b>TOTAL STATE</b>             | <b>265.169</b> | <b>823.790</b> |

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

| PARTICULARS                                                                | A. Morning Peak at 11 Hrs | B. Evening Peak at 21 Hrs | C. Night Minimum at 4 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 4584                      | 4680                      | 4573                      |
| MSGENCO Hydro                                                              | 126                       | 550                       | 79                        |
| MSGENCO Gas                                                                | 608                       | 480                       | 529                       |
| <b>MSGENCO Total Generation</b>                                            | <b>5318</b>               | <b>5710</b>               | <b>5181</b>               |
| Central Sector Receipt                                                     | 2890                      | 2790                      | 2721                      |
| RGPPL                                                                      | 936                       | 938                       | 935                       |
| WIND                                                                       | 492                       | 631                       | 377                       |
| Exchange with TPCL                                                         | -654                      | -378                      | -78                       |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>8982</b>               | <b>9714</b>               | <b>9136</b>               |
| Load Shedding                                                              | 2117                      | 1848                      | 41                        |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>11099</b>              | <b>11562</b>              | <b>9177</b>               |
| TPCL GENERATION                                                            | 1576                      | 1582                      | 1026                      |
| REL GENERATION                                                             | 262                       | 265                       | 264                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2492</b>               | <b>2225</b>               | <b>1368</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>11474</b>              | <b>11939</b>              | <b>10504</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>13591</b>              | <b>13787</b>              | <b>10545</b>              |
| Frequency (Hz)                                                             | 49.39                     | 49.49                     | 49.99                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 2238 Mw at 07.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 24.80 Mus.                |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.29 Hz at 06.03 Hrs | 48.81 Hz at 23.11 Hrs | 49.55         | 3.96 % 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/Jul/2009

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 0.25        | 4.06          | 74       | 0        | 0        |
| Unit 2           | 0.00        | 1.14          | 0        | 0        | 0        |
| Unit 3           | 1.66        | 5.15          | 85       | 50       | 50       |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 3.30        | 9.90          | 152      | 126      | 130      |
| Unit 6           | 3.45        | 10.31         | 157      | 112      | 140      |
| Unit 7           | 3.36        | 10.07         | 163      | 121      | 140      |
|                  | 12.02       | 40.62         |          |          | 460      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.11        | 3.33          | 52       | 34       | 40       |
| Unit 2           | 3.67        | 11.19         | 162      | 140      | 160      |
| Unit 3           | 4.04        | 12.32         | 178      | 138      | 175      |
|                  | 8.82        | 26.85         |          |          | 375      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.48        | 1.42          | 20       | 19       | 20       |
| Unit 2           | 0.61        | 1.75          | 26       | 24       | 20       |
| Unit 3           | 3.42        | 10.11         | 149      | 135      | 150      |
| Unit 4           | 3.63        | 10.85         | 157      | 139      | 150      |
| Unit 5           | 3.89        | 11.24         | 192      | 149      | 150      |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 12.02       | 35.37         |          |          | 490      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 4.00        | 10.82         | 176      | 162      | 170      |
| Unit 2           | 3.57        | 11.04         | 157      | 128      | 155      |
| Unit 3           | 4.39        | 13.04         | 195      | 163      | 190      |
| Unit 4           | 4.42        | 13.03         | 198      | 165      | 200      |
| Unit 5           | 9.84        | 30.28         | 453      | 328      | 450      |
| Unit 6           | 9.62        | 29.08         | 440      | 317      | 440      |
| Unit 7           | 9.62        | 30.09         | 444      | 345      | 400      |
|                  | 45.47       | 137.40        |          |          | 2005     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.95        | 2.79          | 43       | 37       | 35       |
| Unit 3           | 4.13        | 12.70         | 186      | 164      | 180      |
|                  | 5.08        | 15.49         |          |          | 215      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.18        | 12.62         | 184      | 154      | 175      |
| Unit 2           | 3.69        | 12.04         | 178      | 132      | 160      |
| Unit 3           | 4.32        | 12.91         | 188      | 172      | 175      |
| Unit 4           | 4.20        | 12.70         | 183      | 163      | 175      |
|                  | 16.39       | 50.26         |          |          | 685      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.10        | 6.13          | 92       | 80       | 86       |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 4.68        | 14.05         | 202      | 185      | 190      |
| Unit 5           | 4.23        | 12.72         | 180      | 170      | 170      |
|                  | 11.01       | 32.90         |          |          | 446      |
| Uran             |             |               |          |          |          |
| All Units        | 12.33       | 39.43         | 644      | 320      | 600      |
|                  | 12.33       | 39.43         |          |          | 600      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.46        | 4.68          | 135      | 35       | 600      |
| Stage 4          | 1.13        | 6.55          | 280      | 0        | 250      |
| Koyna 12&4 Total | 2.59        | 11.23         |          |          | 850      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 1.36         | 3.49          | 240      | 0        | 320         |
|                   | <b>3.95</b>  | <b>14.73</b>  |          |          | <b>1170</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.51         | 1.21          | 30       | 0        | 36          |
| VTRNA             | 0.47         | 1.40          | 61       | 0        | 60          |
| TILLARI           | 0.00         | 0.00          | 0        | 0        | 0           |
| BHTGR/VEER        | 0.00         | 0.00          | 0        | 0        | 10          |
| BHIRA T.R.        | 0.23         | 0.67          | 80       | 0        | 40          |
| RNGR+BHTSA        | 0.22         | 0.70          | 9        | 9        | 0           |
| BHANDARDRA        | 0.00         | 0.00          | 0        | 0        | 0           |
| ELDARY            | 0.00         | 0.00          | 0        | 0        | 0           |
| PAITHAN           | 0.00         | 0.00          | 0        | 0        | 0           |
| GHATGHAR          | 0.21         | 0.84          | 120      | 0        | 0           |
|                   | <b>1.63</b>  | <b>4.83</b>   |          |          | <b>146</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.15         | 0.49          | 23       | 0        |             |
|                   | <b>0.15</b>  | <b>0.49</b>   |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.71         | 1.67          |          |          |             |
| Vankuswadi        | 1.41         | 3.65          |          |          |             |
| ATIT              | 0.31         | 0.87          |          |          |             |
| Kale              | 0.13         | 0.32          |          |          |             |
| Satara            | 0.70         | 2.15          |          |          |             |
| Shirala           | 0.45         | 1.02          |          |          |             |
| K Mahankal        | 0.60         | 0.76          |          |          |             |
| Supa              | 0.23         | 0.70          |          |          |             |
| Vita              | 3.32         | 8.30          |          |          |             |
| Dondaicha         | 1.47         | 5.21          |          |          |             |
| Sakri             | 0.31         | 1.04          |          |          |             |
| Nandurbar         | 0.23         | 0.87          |          |          |             |
| Khadakale         | 0.88         | 2.26          |          |          |             |
| Khaparale         | 0.30         | 0.96          |          |          |             |
|                   | <b>11.04</b> | <b>29.77</b>  |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 22.45        | 67.19         | 939      | 930      | 866         |
| RGPP L III        | 0.00         | 0.00          | 0        | 0        |             |
|                   | <b>22.45</b> | <b>67.19</b>  |          |          | <b>866</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.04          | 0        | 0        | 0           |
| Trombay 5         | 11.04        | 30.06         | 500      | 450      | 500         |
| Trombay 6         | 10.77        | 34.88         | 510      | 250      | 500         |
| Trombay 7A        | 2.81         | 8.75          | 118      | 116      | 120         |
| Trombay 7B        | 1.55         | 4.77          | 66       | 64       | 60          |
| Trombay 8         | 3.04         | 8.94          | 132      | 120      | 120         |
| TATA Hydro        | 2.73         | 9.05          | 320      | 4        | 447         |
|                   | <b>31.93</b> | <b>96.48</b>  |          |          | <b>1747</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 6.31         | 23.16         | 267      | 259      | 250         |
|                   | <b>6.31</b>  | <b>23.16</b>  |          |          | <b>250</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 2940        |
|                   |              |               |          |          | <b>2940</b> |

|                    |          |               |               |  |              |
|--------------------|----------|---------------|---------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 110.82        | 338.89        |  | 4676         |
|                    | Thml+Gas | 123.15        | 378.32        |  | 5276         |
|                    | Hydro    | 5.59          | 19.55         |  | 1316         |
|                    | Total    | 128.74        | 397.87        |  | 6592         |
| <b>State Total</b> |          | <b>200.63</b> | <b>614.97</b> |  | <b>12395</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 03/Jul/2009

| 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                  | 4668        | 129  | 463   | 5260   | 930   | 362   | 2762        | 2856        | -159   | -143   | 9265                    | 704             | 9969                        | 1637             | 11606                    | 49.52         |
| 2                  | 4664        | 79   | 491   | 5234   | 932   | 346   | 2679        | 2850        | -107   | -90    | 9272                    | 708             | 9980                        | 1515             | 11495                    | 49.73         |
| 3                  | 4639        | 84   | 539   | 5262   | 938   | 465   | 2685        | 2792        | -107   | -101   | 9356                    | 656             | 10012                       | 1378             | 11390                    | 50.02         |
| 4                  | 4573        | 79   | 529   | 5181   | 935   | 377   | 2685        | 2721        | -107   | -78    | 9136                    | 41              | 9177                        | 1368             | 10545                    | 49.99         |
| 5                  | 4539        | 84   | 600   | 5223   | 936   | 383   | 2685        | 2784        | -107   | -99    | 9227                    | 0               | 9227                        | 1389             | 10616                    | 49.93         |
| 6                  | 4577        | 216  | 632   | 5425   | 933   | 371   | 2686        | 2837        | -107   | -99    | 9467                    | 353             | 9820                        | 1451             | 11271                    | 49.75         |
| 7                  | 4669        | 497  | 644   | 5810   | 935   | 300   | 2686        | 2268        | -107   | -93    | 9220                    | 1577            | 10797                       | 1563             | 12360                    | 49.79         |
| 8                  | 4703        | 399  | 644   | 5746   | 936   | 334   | 2738        | 2094        | -159   | -150   | 8960                    | 1702            | 10662                       | 1712             | 12374                    | 49.75         |
| 9                  | 4662        | 159  | 631   | 5452   | 935   | 410   | 2919        | 2296        | -344   | -337   | 8756                    | 2177            | 10933                       | 1970             | 12903                    | 49.57         |
| 10                 | 4607        | 140  | 631   | 5378   | 935   | 483   | 3044        | 2907        | -521   | -607   | 9096                    | 1837            | 10933                       | 2301             | 13234                    | 49.60         |
| 11                 | 4584        | 126  | 608   | 5318   | 936   | 492   | 3044        | 2890        | -571   | -654   | 8982                    | 2117            | 11099                       | 2492             | 13591                    | 49.39         |
| 12                 | 4531        | 234  | 524   | 5289   | 937   | 506   | 3001        | 2912        | -636   | -727   | 8917                    | 1989            | 10906                       | 2556             | 13462                    | 49.28         |
| 13                 | 4556        | 104  | 494   | 5154   | 932   | 515   | 2975        | 2815        | -686   | -770   | 8646                    | 2073            | 10719                       | 2534             | 13253                    | 49.45         |
| 14                 | 4605        | 79   | 509   | 5193   | 939   | 498   | 3002        | 2558        | -686   | -769   | 8419                    | 2126            | 10545                       | 2416             | 12961                    | 49.56         |
| 15                 | 4601        | 84   | 482   | 5167   | 936   | 479   | 3002        | 2447        | -686   | -767   | 8264                    | 1757            | 10021                       | 2409             | 12430                    | 49.29         |
| 16                 | 4619        | 84   | 488   | 5191   | 935   | 570   | 3001        | 2538        | -686   | -766   | 8491                    | 859             | 9350                        | 2397             | 11747                    | 49.49         |
| 17                 | 4593        | 84   | 488   | 5165   | 934   | 382   | 3010        | 2745        | -693   | -770   | 8479                    | 574             | 9053                        | 2381             | 11434                    | 49.41         |
| 18                 | 4647        | 94   | 489   | 5230   | 935   | 487   | 3023        | 2929        | -681   | -698   | 8897                    | 843             | 9740                        | 2349             | 12089                    | 49.41         |
| 19                 | 4716        | 185  | 479   | 5380   | 935   | 669   | 2930        | 2500        | -432   | -435   | 9072                    | 1258            | 10330                       | 2292             | 12622                    | 49.52         |
| 20                 | 4776        | 293  | 464   | 5533   | 934   | 626   | 2955        | 2835        | -432   | -453   | 9498                    | 1754            | 11252                       | 2302             | 13554                    | 49.23         |
| 21                 | 4680        | 550  | 480   | 5710   | 938   | 631   | 2875        | 2790        | -385   | -378   | 9714                    | 1848            | 11562                       | 2225             | 13787                    | 49.49         |
| 22                 | 4598        | 504  | 330   | 5432   | 938   | 505   | 2814        | 2729        | -290   | -289   | 9334                    | 1858            | 11192                       | 2017             | 13209                    | 49.39         |
| 23                 | 4524        | 655  | 320   | 5499   | 937   | 462   | 2985        | 2758        | -452   | -444   | 9212                    | 1289            | 10501                       | 1927             | 12428                    | 49.36         |
| 24                 | 4472        | 646  | 372   | 5490   | 938   | 391   | 2917        | 2691        | -347   | -385   | 9125                    | 994             | 10119                       | 1766             | 11885                    | 49.34         |
| MUs                | 110.80      | 5.59 | 12.33 | 128.72 | 22.45 | 11.04 | 69.10       | 64.54       | -9.49  | -10.10 | 216.80                  | 31.09           | 247.90                      | 48.35            | 296.25                   | 49.55         |

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 03/Jul/2009**

Position as on 6.30 Hrs of 04/Jul/2009

| 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    |
| Parli Unit 6            | 250      | 03/06/2009   | 06.35        |            | Continued. | Annual Overhaul                         | 20/07/2009    |
| Nasik Unit 3            | 210      | 07/06/2009   | 21.37        |            | Continued. | Capital overhaul                        | 18/07/2009    |
| Cent_Sect Tarapur 2     | 80       | 16/06/2009   | 22:10        |            | Continued. | Refueling Outage.                       | 30/07/2009    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Dabhol 2A               | 230      | 19/01/2008   | 02.40        |            | Continued. | Tripped                                 |               |
| 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                | 25/07/2009    |
| Dabhol 1B               | 230      | 22/01/2009   | 12.05        |            | Continued. | BHMS Installation work                  |               |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Cent_Sect Kawas ST1C    | 116      | 03/06/2009   | 16:33        |            | Continued. | Bearing Temp. High                      | 27/07/2009    |
| Uran Unit 3             | 60       | 20/06/2009   | 11.15        | 03/07/2009 | 12.12      | Gas Restriction                         |               |
| Nasik Unit 2            | 125      | 25/06/2009   | 04:10        | 04/07/2009 | 10.45      | Fire in Wind Box.                       |               |
| Koradi Unit 4           | 115      | 28/06/2009   | 14.18        |            | Continued. | Coal Bunkering problem.                 | 08/07/2009    |
| Tata Trombay 4          | 150      | 01/07/2009   | 00:46        |            | Continued. | W/dn                                    |               |
| REL 2                   | 250      | 01/07/2009   | 16.25        | 04/07/2009 | 00.03      | Boiler Tube Leakage                     |               |
| Cent_Sect KARPR2        | 220      | 02/07/2009   | 00.30        | 04/07/2009 | 20.38      | Reactor Problem.                        | 06/07/2009    |
| Uran Unit 3             | 60       | 03/07/2009   | 18.00        | 03/07/2009 | 09.17      | Gas Restriction                         |               |
| Uran Unit 6             | 108      | 03/07/2009   | 21.11        | 03/07/2009 | 22.22      | Aux.Supply Failure                      |               |
| Uran Unit A0            | 120      | 03/07/2009   | 21.11        | 04/07/2009 | 04.33      | Aux.Supply Failure                      |               |
| Tata Trombay 7B         | 60       | 04/07/2009   | 21.12        |            | Continued. | GT.Bucholz Operated.                    | 10/08/2009    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 03/Jul/2009**

Position as on 6.30 Hrs of 04/Jul/2009

| Name of Line                               | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                |
|--------------------------------------------|--------------|--------------|-----------------------------------|--------------------|-------------------------------------------------|
| <b>InterState</b>                          |              |              |                                   |                    |                                                 |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                 |
| 220 KV Taps Zone -I.                       | 23/06/2009   | 13:44        | 04/07/2009                        | 14.36              | Gantry Replacement Work.                        |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                 |
| Akola - Wardha - II                        | 01/07/2009   | 09.12        |                                   | Continued.         | H/T FOR O/V                                     |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                 |
| TILLARY-PHONDA                             | 03/07/2009   | 09.34        | 03/07/2009                        | 12.57              | H/T For Outage.                                 |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                 |
| Dhule-Khandwa-I                            | 19/06/2009   | 16:13        |                                   | Continued.         | 3 Tower Colloped.                               |
| Dhule-Khandwa-II                           | 19/06/2009   | 16:13        |                                   | Continued.         | 3 Tower Colloped.                               |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                 |
| Mudshingi-Ponda                            | 02/07/2009   | 00.50        | 03/07/2009                        | 13.05              | Tripped on Dist.Prot. B phase                   |
| <b>IntraState</b>                          |              |              |                                   |                    |                                                 |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                 |
| Main Breaker of C'Pur-Parli-I at Parli end | 12/06/2009   | 10.56        |                                   | Continued.         | To attend hot spot on Bus Isolator, Line on TBC |
| M.B.I. at A'bad                            | 03/07/2009   | 11.42        | 03/07/2009                        | 16.27              | Isolator Maintaince Work.                       |
| <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                                     |
| C'pur-Sicom-II                             | 29/06/2009   | 12:12        | 03/07/2009                        | 00.27              | Retrofitting work.                              |
| Apta-Nagothane                             | 03/07/2009   | 10.11        | 03/07/2009                        | 18.00              | Q.M. WORK                                       |
| Padgha-Kamba                               | 03/07/2009   | 10.24        | 03/07/2009                        | 15.03              | Bay Maintenance work.                           |
| Wardha-Rly.TSS-II                          | 03/07/2009   | 14.10        | 03/07/2009                        | 17.00              | Breaker Compressor Prob.                        |
| Kalwa-Mulund                               | 04/07/2009   | 09.21        | 04/07/2009                        | 21.42              | L.A. Replacement.                               |
| 220/132 KV 200 MVA T/F @ Raymond           | 04/07/2009   | 12.30        | 04/07/2009                        | 15.50              | R.M.Work.                                       |
| <b>Voltage Level : 500KV</b>               |              |              | <b>Outage Type</b> FORCED OUTAGE  |                    |                                                 |
| HVDC Pole II Padgha                        | 03/07/2009   | 21:57        | 04/07/2009                        | 01.57              | Attending PRV alarm.                            |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type</b> FORCED OUTAGE  |                    |                                                 |
| C;pur-Parli CKT .I                         | 03/07/2009   | 06.10        | 03/07/2009                        | 08.35              | Earth Wire broken                               |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                 |
| Wardha--Dhamangaon                         | 01/07/2009   | 18.17        |                                   | Continued.         | H/T to control Akola ICT.                       |
| Wardha-Badnera                             | 02/07/2009   | 18.30        |                                   | Continued.         | H/T to control Akola ICT.                       |
| Warora-Wardha                              | 03/07/2009   | 19.44        | 03/07/2009                        | 20.09              | To control loading WRR Ckt.-II                  |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                 |
| Dhabhol-N'Thane I                          | 04/07/2009   | 03.42        | 04/07/2009                        | 05.35              | TRIPPED ON O/V                                  |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                 |
| Mudshingi - Peth                           | 03/07/2009   | 01.50        | 03/07/2009                        | 22.30              | Tripped ,Dist.Prot.                             |
| Aurangabad-Jalna-II                        | 03/07/2009   | 15.07        | 03/07/2009                        | 17.10              | Distance Protection                             |
| Chandrapur-Warora - I                      | 03/07/2009   | 19.39        | 03/07/2009                        | 20.04              | Distance Protection                             |
| Kanhan - Bhandara - I                      | 03/07/2009   | 22.51        | 03/07/2009                        | 23.07              | Distance Protection                             |
| Padgha-Jambhul-I                           | 04/07/2009   | 03.16        | 04/07/2009                        | 06.14              | Y-Ph, LA Burst.                                 |
| 220/132 kv,100 MVA ICT at Bhugaon.         | 04/07/2009   | 22.45        | 04/07/2009                        | 23.20              | Tripped on directional O/C,IDMT.                |
| <b>Voltage Level : 132KV</b>               |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                 |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 03/Jul/2009**

Position as on 6.30 Hrs of 04/Jul/2009

| Name of Line | Tripped Date | Tripped Time | Synchronise d Date | Synchronise d Time | Reason of Outage   |
|--------------|--------------|--------------|--------------------|--------------------|--------------------|
| Paras-Akot   | 23/06/2009   | 16:45        |                    | Continued.         | 1 Tower Collopped. |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 04/Jul/2009

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 0           |
| Unit 2             | 105                   | 0           |
| Unit 3             | 105                   | 40          |
| Unit 4             | 105                   | 0           |
| Unit 5             | 200                   | 105         |
| Unit 6             | 210                   | 115         |
| Unit 7             | 210                   | 110         |
|                    | <b>1040</b>           | <b>370</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 40          |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 175         |
|                    | <b>478</b>            | <b>375</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 20          |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 150         |
| Unit 4             | 210                   | 150         |
| Unit 5             | 210                   | 150         |
| Unit 6             | 250                   | 0           |
|                    | <b>940</b>            | <b>490</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 170         |
| Unit 2             | 210                   | 155         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 195         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 300         |
| Unit 7             | 500                   | 460         |
|                    | <b>2340</b>           | <b>1940</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 35          |
| Unit 3             | 250                   | 165         |
|                    | <b>305</b>            | <b>200</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 175         |
| Unit 2             | 210                   | 175         |
| Unit 3             | 210                   | 175         |
| Unit 4             | 210                   | 175         |
|                    | <b>840</b>            | <b>700</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 81          |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 182         |
| Unit 5             | 210                   | 162         |
|                    | <b>870</b>            | <b>425</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 580         |
|                    | <b>852</b>            | <b>580</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 0           |
| BHTGR/VEER        | 21                    | 0           |
| BHIRA T.R.        | 80                    | 40          |
| RNGR+BHTSA        | 20                    | 10          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 0           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>110</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                   | 866         |
| RGPPPL III        | 740                   |             |
|                   | <b>1700</b>           | <b>866</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 120         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1747</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 2594        |
|                   | <b>3143</b>           | <b>2594</b> |