



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**19/Jun/2009**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 19/Jun/2009 FRIDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 114.691        | 2131.427        | 1) Madhya Pradesh              | 60.667         | 1259.088        |
| 2) Hydro                 | 5.988          | 240.604         | 2) Gujrat                      | 15.417         | 256.000         |
| 3) Gas                   | 15.693         | 275.495         | 3) Goa                         | -6.324         | -112.299        |
| <b>Total MSGENCO</b>     | <b>136.372</b> | <b>2647.526</b> | 4) TAPS 1&2 (Inj.)             | 3.650          | 117.658         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.195         | -2.080          |
| 1) RGPPL Gas             | 22.127         | 416.105         | <b># Total Cent. Sector</b>    | <b>73.215</b>  | <b>1518.367</b> |
| 2) Wind Generation       | 7.110          | 269.928         | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 0.195          | 2.080           | 1) With TPCL                   | -9.448         | -152.794        |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 31.520         | 582.593         | 1) MSEDCL Bilateral            | 12.771         | 172.539         |
| 2) TPCL Hydro            | 3.927          | 79.152          | Include PX                     | 0.000          | 4.633           |
| <b>TOTAL TPCL</b>        | <b>35.447</b>  | <b>661.745</b>  | 2) MUMBAI Bilateral            | 10.057         | 156.541         |
| 3) REL Thermal           | 12.588         | 238.937         | Include PX                     | 1.974          | 50.537          |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | 10.057         | 157.941         |
| 1) Thermal (A1+C1+C3)    | 158.799        | 2952.957        | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 10.110         | 321.836         | 1) MSEDCL                      | 229.571        | 4703.292        |
| 3) Gas (A3+B1)           | 37.820         | 691.600         | 2) TPCL                        | 38.074         | 696.738         |
| 4) Wind (B2)             | 7.110          | 269.928         | 3) REL                         | 19.410         | 356.715         |
| <b>TOTAL STATE</b>       | <b>213.839</b> | <b>4236.321</b> | <b>TOTAL STATE</b>             | <b>287.055</b> | <b>5756.745</b> |

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

| PARTICULARS                                                                | A. Morning Peak at 11 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 3 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 4787                      | 4772                      | 4827                      |
| MSGENCO Hydro                                                              | 126                       | 283                       | 172                       |
| MSGENCO Gas                                                                | 675                       | 578                       | 681                       |
| <b>MSGENCO Total Generation</b>                                            | <b>5588</b>               | <b>5633</b>               | <b>5680</b>               |
| Central Sector Receipt                                                     | 3320                      | 3357                      | 2806                      |
| RGPPL                                                                      | 919                       | 922                       | 926                       |
| WIND                                                                       | 302                       | 223                       | 354                       |
| Exchange with TPCL                                                         | -599                      | -480                      | -123                      |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>9530</b>               | <b>9669</b>               | <b>9643</b>               |
| Load Shedding                                                              | 2254                      | 3154                      | 999                       |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>11784</b>              | <b>12823</b>              | <b>10642</b>              |
| TPCL GENERATION                                                            | 1664                      | 1555                      | 1324                      |
| REL GENERATION                                                             | 527                       | 521                       | 524                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2790</b>               | <b>2556</b>               | <b>1971</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>12320</b>              | <b>12225</b>              | <b>11614</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>14574</b>              | <b>15379</b>              | <b>12613</b>              |
| Frequency (Hz)                                                             | 49.13                     | 49.27                     | 49.12                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 3185 MW At 20.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 41.78 MUs.                |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.        | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|----------------------|-----------------------|---------------|------------------|
| 50.2 Hz at 18.03 Hrs | 48.74 Hz at 05.37 Hrs | 49.16         | 24.64 % 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 19/Jun/2009

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.87        | 18.72         | 84       | 69       | 75       |
| Unit 2           | 0.00        | 8.73          | 0        | 0        | 0        |
| Unit 3           | 0.00        | 19.45         | 0        | 0        | 0        |
| Unit 4           | 1.59        | 12.67         | 86       | 48       | 75       |
| Unit 5           | 3.81        | 71.67         | 165      | 133      | 170      |
| Unit 6           | 3.85        | 42.86         | 172      | 145      | 150      |
| Unit 7           | 4.04        | 75.58         | 193      | 110      | 165      |
|                  | 15.15       | 249.68        |          |          | 635      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.24        | 21.88         | 57       | 48       | 50       |
| Unit 2           | 3.98        | 72.92         | 170      | 162      | 170      |
| Unit 3           | 4.03        | 79.10         | 173      | 162      | 175      |
|                  | 9.25        | 173.90        |          |          | 395      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.53        | 10.22         | 23       | 21       | 20       |
| Unit 2           | 0.61        | 9.85          | 30       | 24       | 20       |
| Unit 3           | 3.40        | 62.03         | 149      | 135      | 150      |
| Unit 4           | 3.82        | 71.47         | 168      | 152      | 150      |
| Unit 5           | 4.26        | 77.21         | 188      | 163      | 175      |
| Unit 6           | 0.00        | 0.58          | 0        | 0        | 0        |
|                  | 12.63       | 231.36        |          |          | 515      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 4.14        | 76.76         | 176      | 169      | 170      |
| Unit 2           | 3.84        | 73.98         | 166      | 149      | 165      |
| Unit 3           | 4.74        | 82.39         | 210      | 181      | 210      |
| Unit 4           | 1.80        | 66.19         | 165      | 58       | 60       |
| Unit 5           | 9.98        | 175.43        | 465      | 310      | 450      |
| Unit 6           | 9.66        | 160.04        | 428      | 380      | 440      |
| Unit 7           | 10.16       | 191.28        | 456      | 383      | 450      |
|                  | 44.33       | 826.06        |          |          | 1945     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.50        | 10.10         | 24       | 12       | 20       |
| Unit 3           | 4.54        | 85.04         | 217      | 175      | 210      |
|                  | 5.03        | 95.14         |          |          | 230      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.02        | 80.32         | 177      | 160      | 170      |
| Unit 2           | 4.07        | 74.66         | 178      | 162      | 170      |
| Unit 3           | 4.15        | 74.27         | 186      | 164      | 170      |
| Unit 4           | 4.01        | 81.24         | 175      | 160      | 170      |
|                  | 16.26       | 310.49        |          |          | 680      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.00        | 31.31         | 88       | 78       | 90       |
| Unit 2           | 1.12        | 17.28         | 73       | 36       | 90       |
| Unit 3           | 0.00        | 30.08         | 0        | 0        | 0        |
| Unit 4           | 4.51        | 84.57         | 206      | 170      | 200      |
| Unit 5           | 4.40        | 81.55         | 192      | 179      | 190      |
|                  | 12.03       | 244.80        |          |          | 570      |
| Uran             |             |               |          |          |          |
| All Units        | 15.69       | 275.50        | 686      | 578      | 630      |
|                  | 15.69       | 275.50        |          |          | 630      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.10        | 51.16         | 370      | 35       | 600      |
| Stage 4          | 1.10        | 117.08        | 260      | 0        | 250      |
| Kovna 12&4 Total | 3.20        | 168.24        |          |          | 850      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 0.64         | 36.89         | 160      | 0        | 320         |
|                   | <b>3.84</b>  | <b>205.13</b> |          |          | <b>1170</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.75         | 4.84          | 32       | 31       | 36          |
| VTRNA             | 0.48         | 6.48          | 61       | 0        | 60          |
| TILLARI           | 0.00         | 0.00          | 0        | 0        | 0           |
| BHTGR/VEER        | 0.22         | 5.22          | 9        | 9        | 11          |
| BHIRA T.R.        | 0.23         | 4.10          | 82       | 0        | 80          |
| RNGR+BHTSA        | 0.24         | 5.23          | 11       | 10       | 13          |
| BHANDARDRA        | 0.23         | 3.34          | 12       | 0        | 10          |
| ELDARY            | 0.00         | 0.00          | 0        | 0        | 0           |
| PAITHAN           | 0.00         | 0.85          | 0        | 0        | 0           |
| GHATGHAR          | 0.00         | 5.40          | 0        | 0        | 0           |
|                   | <b>2.15</b>  | <b>35.47</b>  |          |          | <b>210</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.20         | 2.08          | 24       | 0        |             |
|                   | <b>0.20</b>  | <b>2.08</b>   |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.11         | 7.85          |          |          |             |
| Vankuswadi        | 0.22         | 18.92         |          |          |             |
| ATIT              | 0.04         | 3.74          |          |          |             |
| Kale              | 0.08         | 1.95          |          |          |             |
| Satara            | 0.10         | 12.08         |          |          |             |
| Shirala           | 0.06         | 6.01          |          |          |             |
| K Mahankal        | 0.02         | 4.92          |          |          |             |
| Supa              | 0.07         | 4.02          |          |          |             |
| Vita              | 0.37         | 32.62         |          |          |             |
| Dondaicha         | 4.16         | 114.35        |          |          |             |
| Sakri             | 0.70         | 20.74         |          |          |             |
| Nandurbar         | 0.70         | 17.77         |          |          |             |
| Khadakale         | 0.27         | 12.75         |          |          |             |
| Khaparale         | 0.22         | 12.20         |          |          |             |
|                   | <b>7.11</b>  | <b>269.93</b> |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 22.13        | 416.10        | 928      | 913      | 880         |
| RGPP L III        | 0.00         | 0.00          | 0        | 0        |             |
|                   | <b>22.13</b> | <b>416.10</b> |          |          | <b>880</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5         | 12.12        | 230.03        | 505      | 505      | 500         |
| Trombay 6         | 11.78        | 215.15        | 510      | 390      | 500         |
| Trombay 7A        | 2.83         | 54.64         | 118      | 117      | 120         |
| Trombay 7B        | 1.58         | 30.38         | 66       | 65       | 60          |
| Trombay 8         | 3.21         | 52.40         | 141      | 127      | 150         |
| TATA Hydro        | 3.93         | 79.15         | 456      | 2        | 447         |
|                   | <b>35.45</b> | <b>661.74</b> |          |          | <b>1777</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.59        | 238.94        | 528      | 521      | 500         |
|                   | <b>12.59</b> | <b>238.94</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 3380        |
|                   |              |               |          |          | <b>3380</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 114.69        | 2131.43        |  | 4970         |
|                    | Thml+Gas | 130.38        | 2406.92        |  | 5600         |
|                    | Hydro    | 5.99          | 240.60         |  | 1380         |
|                    | Total    | 136.37        | 2647.53        |  | 6980         |
| <b>State Total</b> |          | <b>213.84</b> | <b>4236.32</b> |  | <b>13517</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/Jun/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                  | 4825        | 391  | 675   | 5891   | 921   | 296  | 3391        | 3179        | -432   | -412  | 9875                    | 966             | 10841                       | 2269             | 13110                    | 49.05         |
| 2                  | 4835        | 202  | 675   | 5712   | 923   | 308  | 3071        | 2948        | -244   | -222  | 9669                    | 966             | 10635                       | 2081             | 12716                    | 49.04         |
| 3                  | 4827        | 172  | 681   | 5680   | 926   | 354  | 2918        | 2806        | -150   | -123  | 9643                    | 999             | 10642                       | 1971             | 12613                    | 49.12         |
| 4                  | 4835        | 105  | 685   | 5625   | 928   | 424  | 2872        | 2507        | -103   | -74   | 9410                    | 1829            | 11239                       | 1851             | 13090                    | 49.15         |
| 5                  | 4821        | 105  | 675   | 5601   | 926   | 473  | 2873        | 2417        | -103   | -77   | 9340                    | 1741            | 11081                       | 1814             | 12895                    | 48.97         |
| 6                  | 4845        | 115  | 675   | 5635   | 926   | 487  | 2873        | 2671        | -103   | -76   | 9643                    | 1905            | 11548                       | 1812             | 13360                    | 48.89         |
| 7                  | 4866        | 155  | 686   | 5707   | 925   | 422  | 2793        | 1950        | -102   | 2     | 9006                    | 2721            | 11727                       | 1832             | 13559                    | 49.16         |
| 8                  | 4957        | 161  | 678   | 5796   | 928   | 440  | 3102        | 2237        | -102   | -50   | 9351                    | 2326            | 11677                       | 1895             | 13572                    | 49.09         |
| 9                  | 4844        | 161  | 675   | 5680   | 924   | 440  | 3305        | 2921        | -281   | -267  | 9698                    | 2539            | 12237                       | 2142             | 14379                    | 49.09         |
| 10                 | 4843        | 172  | 676   | 5691   | 922   | 328  | 3732        | 3218        | -599   | -504  | 9655                    | 1926            | 11581                       | 2492             | 14073                    | 49.12         |
| 11                 | 4787        | 126  | 675   | 5588   | 919   | 302  | 3738        | 3320        | -606   | -599  | 9530                    | 2254            | 11784                       | 2790             | 14574                    | 49.13         |
| 12                 | 4783        | 158  | 675   | 5616   | 918   | 270  | 3721        | 3357        | -591   | -587  | 9587                    | 2092            | 11679                       | 2840             | 14519                    | 49.06         |
| 13                 | 4781        | 101  | 675   | 5557   | 915   | 307  | 3720        | 3371        | -592   | -595  | 9579                    | 1981            | 11560                       | 2797             | 14357                    | 49.16         |
| 14                 | 4733        | 131  | 668   | 5532   | 914   | 233  | 3717        | 3498        | -592   | -593  | 9608                    | 2062            | 11670                       | 2720             | 14390                    | 49.14         |
| 15                 | 4719        | 96   | 668   | 5483   | 914   | 174  | 3715        | 3533        | -592   | -595  | 9533                    | 2457            | 11990                       | 2842             | 14832                    | 49.18         |
| 16                 | 4700        | 100  | 671   | 5471   | 913   | 185  | 3756        | 3474        | -633   | -633  | 9434                    | 2386            | 11820                       | 2874             | 14694                    | 49.23         |
| 17                 | 4666        | 255  | 677   | 5598   | 916   | 225  | 3820        | 3178        | -649   | -648  | 9293                    | 2246            | 11539                       | 2849             | 14388                    | 49.44         |
| 18                 | 4659        | 192  | 677   | 5528   | 920   | 298  | 3403        | 2771        | -408   | -404  | 9137                    | 2259            | 11396                       | 2719             | 14115                    | 49.46         |
| 19                 | 4707        | 158  | 623   | 5488   | 920   | 226  | 3348        | 2871        | -383   | -367  | 9162                    | 2458            | 11620                       | 2557             | 14177                    | 49.46         |
| 20                 | 4772        | 283  | 578   | 5633   | 922   | 223  | 3380        | 3357        | -506   | -480  | 9669                    | 3154            | 12823                       | 2556             | 15379                    | 49.27         |
| 21                 | 4769        | 534  | 581   | 5884   | 924   | 161  | 3392        | 3365        | -506   | -470  | 9864                    | 2950            | 12814                       | 2501             | 15315                    | 49.18         |
| 22                 | 4794        | 741  | 582   | 6117   | 927   | 107  | 3385        | 3236        | -498   | -462  | 9925                    | 2822            | 12747                       | 2414             | 15161                    | 49.15         |
| 23                 | 4714        | 802  | 581   | 6097   | 928   | 174  | 3654        | 3553        | -651   | -614  | 10138                   | 1700            | 11838                       | 2440             | 14278                    | 49.13         |
| 24                 | 4575        | 572  | 581   | 5728   | 928   | 253  | 3654        | 3488        | -630   | -598  | 9799                    | 1274            | 11073                       | 2425             | 13498                    | 49.12         |
| MUs                | 114.66      | 5.99 | 15.69 | 136.34 | 22.13 | 7.11 | 81.33       | 73.23       | -10.06 | -9.45 | 229.55                  | 50.01           | 279.56                      | 57.48            | 337.04                   | 49.16         |

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 19/Jun/2009**

Position as on 6.30 Hrs of 20/Jun/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    |
| Cent_Sect NTPC(V-10)    | 500      | 25/05/2009   | 08.50        |            | Continued. | Capital overhaul                        | 26/06/2009    |
| Cent_Sect NTPC(K-3)     | 210      | 01/06/2009   | 00.00        |            | Continued. | Annual Overhaul                         | 06/07/2009    |
| 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    |
| Koyna Unit 10           | 80       | 20/06/2009   | 08.00        |            | Continued. | Water Leakage.                          |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Dabhol 2A               | 230      | 19/01/2008   | 02.40        |            | Continued. | Tripped                                 | 01/07/2009    |
| 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                | 25/06/2009    |
| Dabhol 1B               | 230      | 22/01/2009   | 12.05        |            | Continued. | BHMS Installation work                  |               |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Tata Trombay 4          | 150      | 09/04/2009   | 02.10        |            | Continued. | W/dn                                    |               |
| Parli Unit 6            | 250      | 03/06/2009   | 06.35        |            | Continued. | Bearing Vibration.                      | 30/06/2009    |
| Cent_Sect Kawas ST1C    | 116      | 03/06/2009   | 16:33        |            | Continued. | Bearing Temp. High                      | 30/06/2009    |
| Koradi Unit 2           | 105      | 07/06/2009   | 08:19        |            | Continued. | ID Fan Problem                          | 26/06/2009    |
| Koradi Unit 3           | 105      | 17/06/2009   | 20:36        |            | Continued. | Boiler Tube Leakage                     | 22/06/2009    |
| Uran Unit A0            | 120      | 19/06/2009   | 18.48        | 20/06/2009 | 17.53      | Generator Prot.                         |               |
| Koradi Unit 6           | 210      | 20/06/2009   | 05.39        | 20/06/2009 | 09.01      | Furnace Pressure High                   | 20/06/2009    |
| Uran Unit 3             | 60       | 20/06/2009   | 11.15        |            | Continued. | Gas Restriction                         |               |
| Uran Unit 5             | 108      | 20/06/2009   | 15.17        | 20/06/2009 | 16.05      | Boiler Problem.                         |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 19/Jun/2009**

Position as on 6.30 Hrs of 20/Jun/2009

| 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</b> PLANNED OUTAGE |                    |                                                          |
| Padgha-Tarapur CKT.II                   | 20/06/2009   | 09.46        | 20/06/2009                        | 15.48              | Breaker Maintenance Work.                                |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                          |
| Dhule-Sar'Sarovar II                    | 14/05/2009   | 14.25        | 19/06/2009                        | 16.39              | H/T FOR O/V                                              |
| Dhule-Sar'Sarovar II                    | 20/06/2009   | 18:12        |                                   | Continued.         | H/T to Control H/V at Dhule.                             |
| <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.                                        |
| Seoni - Wardha                          | 20/06/2009   | 17.05        | 20/06/2009                        | 20.59              | Tripped on Over Voltage.                                 |
| Wardha - Akola - I                      | 20/06/2009   | 17.41        | 20/06/2009                        | 21.09              | Tripped on Over Voltage.                                 |
| <b>IntraState</b>                       |              |              |                                   |                    |                                                          |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                          |
| 400/220 Kv Spare ICT at BBLR            | 18/06/2009   | 11.02        |                                   | Continued.         | Fitting of Baloon.                                       |
| 400/220 Kv ICT-1 at BBLSR               | 18/06/2009   | 23.13        | 19/06/2009                        | 03.15              | To attend oil leakage from Buchholz.                     |
| 400/220 KV,600 MVA ICT-II at Kalwa      | 19/06/2009   | 06.50        | 19/06/2009                        | 10.26              | To Wrap Polythene paper                                  |
| 400/220 KV,315 MVA ICT-II at Chandrapur | 19/06/2009   | 08.04        | 19/06/2009                        | 18.32              | Relay replacement                                        |
| 400/220KV ICT-II at Padgha              | 19/06/2009   | 11.10        | 19/06/2009                        | 20.35              | Bay Maint.works                                          |
| 400/220kv 315MVA ICT-II at Kolhapur     | 19/06/2009   | 14.13        | 19/06/2009                        | 16.04              | To Wrap Polythene paper                                  |
| <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 KV M.B. I at Talangade S/S.         | 18/06/2009   | 10:53        | 20/06/2009                        | 16.20              | Maint.work                                               |
| KALWA-SALSETE-IV                        | 19/06/2009   | 07.49        | 19/06/2009                        | 11.14              | Attending C.T. oil leakage.                              |
| Uran-Apta-II                            | 19/06/2009   | 08.30        | 19/06/2009                        | 19.57              | 'Y'Ph.CT Replacement work at Uran.                       |
| Pusad -Parbhani                         | 19/06/2009   | 09.18        | 19/06/2009                        | 19.12              | Fixing of vibration Dampers                              |
| Bhandara-Kanhan ckt-I                   | 19/06/2009   | 12.02        | 19/06/2009                        | 17.35              | Replacement of PDR Switch                                |
| LONIKAND-KATHAPUR                       | 20/06/2009   | 05.18        | 20/06/2009                        | 09.43              | Retrofitting of Distance Protection Relay.               |
| Parli-Osmanabad                         | 20/06/2009   | 07.23        | 20/06/2009                        | 10.14              | Replacement of Y Phase String                            |
| Uran - Khargar - I                      | 20/06/2009   | 08.35        | 20/06/2009                        | 19.04              | Replacement of all 3 Phase MEHRU C. T. by ABB Make C. T. |
| BHENDA-BBLSWR                           | 20/06/2009   | 09.08        | 20/06/2009                        | 15.19              | Q.M. WORK                                                |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                          |
| Bhusawal - Muktainagar                  | 18/06/2009   | 11.41        |                                   | Continued.         | Breaker Replacement                                      |
| Bhandara-Madgi CKT.II                   | 18/06/2009   | 13.40        |                                   | Continued.         | Breaker Replacement                                      |
| Malegaon-Mehekar Ckt.                   | 18/06/2009   | 15.30        |                                   | Continued.         | Relay Retrofitting Work.                                 |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                          |
| BBLSWR-AIEPHATA                         | 18/06/2009   | 22.50        | 19/06/2009                        | 03.36              | BBLSR ICT-I Outage                                       |
| BBLSR-Waluj                             | 18/06/2009   | 22.55        | 19/06/2009                        | 03.34              | BBLSR ICT-I Outage                                       |
| BHENDA-BBLSWR                           | 18/06/2009   | 23.09        | 19/06/2009                        | 03.33              | BBLSR ICT-I Outage                                       |
| Wardha--Dhamangaon                      | 19/06/2009   | 11.44        |                                   | Continued.         | H/T to control voltage at Akola.                         |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 19/Jun/2009**

Position as on 6.30 Hrs of 20/Jun/2009

| Name of Line                        | Tripped Date | Tripped Time | Synchronised Date          | Synchronised Time | Reason of Outage                       |
|-------------------------------------|--------------|--------------|----------------------------|-------------------|----------------------------------------|
| <b>Voltage Level : 400KV</b>        |              |              | <b>Outage Type TRIPPED</b> |                   |                                        |
| 400/220 KV ICT-I at Talangade       | 19/06/2009   | 02.11        | 19/06/2009                 | 10:10             | OLTC Buchhloz Trip.- Moisture.         |
| <b>Voltage Level : 220KV</b>        |              |              | <b>Outage Type TRIPPED</b> |                   |                                        |
| BBLSR-Chalishaon                    | 19/06/2009   | 02.49        | 19/06/2009                 | 12.16             | Dist.Prot.R Ph.Decapping.              |
| BBLSR-RANJANGAON                    | 19/06/2009   | 05.11        | 19/06/2009                 | 14.45             | Tripped on Dist.Prot. R Ph to Neutral. |
| Trombay - Tata Tie - I              | 20/06/2009   | 00.21        | 20/06/2009                 | 02.32             | Insulator Flashover                    |
| Trombay - Tata Tie - I              | 20/06/2009   | 03.28        | 20/06/2009                 | 10.37             | B phase to Earth Fault                 |
| BBLSR-Waluj                         | 20/06/2009   | 13.02        | 20/06/2009                 | 21.27             | R Phase Decapping at Waluj end.        |
| K'gaon-Lonand                       | 20/06/2009   | 14.35        | 20/06/2009                 | 14.58             | Distance Protection                    |
| Bhusawal - Chalishaon CKT-II.       | 20/06/2009   | 16:53        | 20/06/2009                 | 17:12             | Tripped ,Dist.Prot.                    |
| 220/132 KV T/F - I @ Boisar         | 20/06/2009   | 17.55        | 20/06/2009                 | 19.49             | Tripped on Bus Fault                   |
| 220/132 KV T/F - II @ Boiser        | 20/06/2009   | 17.55        | 20/06/2009                 | 20.18             | Tripped on Bus Fault                   |
| <b>Voltage Level : 132KV</b>        |              |              | <b>Outage Type TRIPPED</b> |                   |                                        |
| 132/33 KV 50 MVA T/F - I @ Harsool  | 20/06/2009   | 13:25        | 20/06/2009                 | 17:10             | Tripped on backup prot.                |
| 132/33 KV 50 MVA T/F - II @ Harsool | 20/06/2009   | 13:25        | 20/06/2009                 | 14:05             | Tripped on backup prot.                |
| Boiser - Viraj                      | 20/06/2009   | 17.55        | 20/06/2009                 | 21:11             | Tripped on Bus Fault                   |
| Boiser - Palghar - I                | 20/06/2009   | 17.55        | 20/06/2009                 | 19.49             | Tripped on Bus Fault                   |
| Boiser - MIDC                       | 20/06/2009   | 17.55        | 20/06/2009                 | 20:04             | Tripped on Bus Fault                   |
| Khadka - Savda                      | 20/06/2009   | 17:07        | 20/06/2009                 | 17:30             | Tripped ,Dist.Prot.                    |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 20/Jun/2009

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 80          |
| Unit 2             | 105                   | 0           |
| Unit 3             | 105                   | 0           |
| Unit 4             | 105                   | 80          |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 0           |
| Unit 7             | 210                   | 150         |
|                    | <b>1040</b>           | <b>460</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 50          |
| Unit 2             | 210                   | 165         |
| Unit 3             | 210                   | 175         |
|                    | <b>478</b>            | <b>390</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 20          |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 150         |
| Unit 4             | 210                   | 150         |
| Unit 5             | 210                   | 175         |
| Unit 6             | 250                   | 0           |
|                    | <b>940</b>            | <b>515</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 170         |
| Unit 2             | 210                   | 165         |
| Unit 3             | 210                   | 150         |
| Unit 4             | 210                   | 70          |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 425         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1880</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 20          |
| Unit 3             | 250                   | 210         |
|                    | <b>305</b>            | <b>230</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 160         |
|                    | <b>840</b>            | <b>640</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 90          |
| Unit 2             | 120                   | 90          |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 190         |
|                    | <b>870</b>            | <b>570</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                    | 36          |
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 0           |
| BHTGR/VEER        | 21                    | 11          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 12          |
| BHANDARDRA        | 45                    | 11          |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 0           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>210</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>     |                       |             |
| RGPL II           | 960                   | 880         |
| RGPL III          | 740                   |             |
|                   | <b>1700</b>           | <b>880</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                   | 150         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1777</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3175        |
|                   | <b>3143</b>           | <b>3175</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17616</b> | 7 of 7 | <b>12977</b> |
|--|--------------|--------|--------------|