



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**13/Sep/2009**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 13/Sep/2009 SUNDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 112.609        | 1334.280        | 1) Madhya Pradesh              | 47.837         | 683.945         |
| 2) Hydro                 | 6.494          | 56.901          | 2) Gujrat                      | 25.307         | 223.769         |
| 3) Gas                   | 14.378         | 193.602         | 3) Goa                         | -5.880         | -72.736         |
| <b>Total MSGENCO</b>     | <b>133.481</b> | <b>1584.783</b> | 4) TAPS 1&2 (Inj.)             | 7.226          | 94.494          |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.003         | -2.605          |
| 1) RGPPL Gas             | 23.015         | 298.260         | <b># Total Cent. Sector</b>    | <b>74.487</b>  | <b>926.867</b>  |
| 2) Wind Generation       | 2.186          | 126.678         | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 0.685          | 3.287           | 1) With TPCL                   | -4.473         | -76.465         |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 25.151         | 357.122         | 1) MSEDCL Bilateral            | 5.151          | 67.561          |
| 2) TPCL Hydro            | 1.008          | 36.743          | Include PX                     | 0.000          | 2.941           |
| <b>TOTAL TPCL</b>        | <b>26.159</b>  | <b>393.865</b>  | 2) MUMBAI Bilateral            | 3.762          | 86.838          |
| 3) REL Thermal           | 12.609         | 164.391         | Include PX                     | 0.000          | 0.138           |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | 4.787          | 88.663          |
| 1) Thermal (A1+C1+C3)    | 150.369        | 1855.793        | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 8.187          | 96.931          | 1) MSEDCL                      | 229.381        | 2863.410        |
| 3) Gas (A3+B1)           | 37.393         | 491.862         | 2) TPCL                        | 27.938         | 419.914         |
| 4) Wind (B2)             | 2.186          | 126.678         | 3) REL                         | 15.303         | 214.735         |
| <b>TOTAL STATE</b>       | <b>198.135</b> | <b>2571.264</b> | <b>TOTAL STATE</b>             | <b>272.622</b> | <b>3498.059</b> |

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

| PARTICULARS                                                                | A. Morning Peak at 12 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 3 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 4834                      | 4590                      | 4585                      |
| MSGENCO Hydro                                                              | 92                        | 1504                      | 41                        |
| MSGENCO Gas                                                                | 605                       | 501                       | 640                       |
| <b>MSGENCO Total Generation</b>                                            | <b>5531</b>               | <b>6595</b>               | <b>5266</b>               |
| Central Sector Receipt                                                     | 3234                      | 2604                      | 3046                      |
| RGPPL                                                                      | 959                       | 957                       | 960                       |
| WIND                                                                       | 27                        | 160                       | 39                        |
| Exchange with TPCL                                                         | -171                      | -217                      | -255                      |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>9592</b>               | <b>10150</b>              | <b>9083</b>               |
| Load Shedding                                                              | 1423                      | 2279                      | 851                       |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>11015</b>              | <b>12429</b>              | <b>9934</b>               |
| TPCL GENERATION                                                            | 1267                      | 1306                      | 774                       |
| REL GENERATION                                                             | 527                       | 526                       | 525                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>1965</b>               | <b>2049</b>               | <b>1554</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>11557</b>              | <b>12199</b>              | <b>10637</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>12980</b>              | <b>14478</b>              | <b>11488</b>              |
| Frequency (Hz)                                                             | 49.70                     | 49.20                     | 50.05                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 3227 MW AT 20.00 HRs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 41.94 MUs.                |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.29 Hz at 06.08 Hrs | 48.69 Hz at 19.02 Hrs | 49.77         | 1.64 % 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 13/Sep/2009

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 1.70        | 14.23         | 78       | 65       | 60       |
| Unit 3           | 1.63        | 10.90         | 77       | 44       | 60       |
| Unit 4           | 1.61        | 17.58         | 83       | 24       | 50       |
| Unit 5           | 3.32        | 21.87         | 152      | 125      | 150      |
| Unit 6           | 3.48        | 38.21         | 154      | 135      | 150      |
| Unit 7           | 0.00        | 22.72         | 0        | 0        | 0        |
|                  | 11.74       | 125.50        |          |          | 470      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 0.58        | 11.16         | 29       | 18       | 20       |
| Unit 2           | 0.00        | 5.17          | 0        | 0        | 0        |
| Unit 3           | 3.80        | 53.68         | 175      | 145      | 185      |
|                  | 4.39        | 70.02         |          |          | 205      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.56        | 7.55          | 26       | 20       | 20       |
| Unit 2           | 0.60        | 7.56          | 26       | 21       | 20       |
| Unit 3           | 4.03        | 47.65         | 180      | 149      | 150      |
| Unit 4           | 4.20        | 38.98         | 192      | 154      | 170      |
| Unit 5           | 4.04        | 51.23         | 180      | 158      | 170      |
| Unit 6           | 4.07        | 54.94         | 233      | 0        | 220      |
|                  | 17.48       | 207.92        |          |          | 750      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.82        | 45.34         | 167      | 142      | 150      |
| Unit 2           | 0.00        | 13.65         | 0        | 0        | 0        |
| Unit 3           | 4.25        | 42.31         | 196      | 121      | 210      |
| Unit 4           | 4.81        | 56.16         | 207      | 168      | 200      |
| Unit 5           | 9.26        | 99.48         | 429      | 312      | 400      |
| Unit 6           | 9.09        | 93.36         | 415      | 230      | 400      |
| Unit 7           | 9.35        | 97.17         | 424      | 356      | 400      |
|                  | 40.58       | 447.46        |          |          | 1760     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.08        | 6.26          | 21       | 0        | 20       |
| Unit 3           | 4.79        | 47.10         | 220      | 174      | 180      |
|                  | 4.88        | 53.36         |          |          | 200      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.70        | 60.24         | 203      | 176      | 200      |
| Unit 2           | 4.50        | 57.60         | 196      | 173      | 190      |
| Unit 3           | 4.38        | 62.60         | 213      | 153      | 170      |
| Unit 4           | 4.50        | 62.54         | 216      | 147      | 150      |
|                  | 18.10       | 242.97        |          |          | 710      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 2.05        | 26.70         | 88       | 82       | 85       |
| Unit 3           | 4.64        | 45.78         | 204      | 169      | 200      |
| Unit 4           | 4.51        | 59.05         | 197      | 168      | 190      |
| Unit 5           | 4.24        | 55.52         | 193      | 156      | 180      |
|                  | 15.44       | 187.05        |          |          | 655      |
| Uran             |             |               |          |          |          |
| All Units        | 14.38       | 193.60        | 641      | 501      | 620      |
|                  | 14.38       | 193.60        |          |          | 620      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.86        | 16.12         | 410      | 25       | 525      |
| Stage 4          | 2.13        | 7.93          | 738      | 0        | 250      |
| Koyna 12&4 Total | 3.99        | 24.05         |          |          | 775      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 1.16         | 10.84         | 240      | 0        | 240         |
|                   | <b>5.14</b>  | <b>34.89</b>  |          |          | <b>1015</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.00         | 0.00          | 0        | 0        | 0           |
| VTRNA             | 0.00         | 0.52          | 0        | 0        | 0           |
| TILLARI           | 0.31         | 6.15          | 60       | 0        | 60          |
| BHTGR/VEER        | 0.10         | 5.20          | 5        | 4        | 20          |
| BHIRA T.R.        | 0.29         | 4.57          | 42       | 0        | 80          |
| RNGR+BHTSA        | 0.07         | 1.30          | 3        | 2        | 14          |
| BHANDARDRA        | 0.00         | 0.20          | 0        | 0        | 0           |
| ELDARY            | 0.00         | 0.00          | 0        | 0        | 0           |
| PAITHAN           | 0.06         | 0.75          | 10       | 0        | 0           |
| GHATGHAR          | 0.53         | 3.32          | 125      | 0        | 0           |
|                   | <b>1.35</b>  | <b>22.01</b>  |          |          | <b>174</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.68         | 3.29          | 51       | 10       |             |
|                   | <b>0.68</b>  | <b>3.29</b>   |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.10         | 4.86          |          |          |             |
| Vankuswadi        | 0.23         | 10.56         |          |          |             |
| ATIT              | 0.04         | 2.13          |          |          |             |
| Kale              | 0.02         | 1.07          |          |          |             |
| Satara            | 0.10         | 5.16          |          |          |             |
| Shirala           | 0.07         | 3.30          |          |          |             |
| K Mahankal        | 0.25         | 5.50          |          |          |             |
| Supa              | 0.02         | 1.36          |          |          |             |
| Vita              | 0.44         | 18.06         |          |          |             |
| Dondaicha         | 0.58         | 48.69         |          |          |             |
| Sakri             | 0.11         | 8.26          |          |          |             |
| Nandurbar         | 0.12         | 6.26          |          |          |             |
| Khadakale         | 0.08         | 4.83          |          |          |             |
| Khaparale         | 0.04         | 6.63          |          |          |             |
|                   | <b>2.19</b>  | <b>126.68</b> |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 23.02        | 298.26        | 962      | 956      | 900         |
| RGPP L III        | 0.00         | 0.00          | 0        | 0        |             |
|                   | <b>23.02</b> | <b>298.26</b> |          |          | <b>900</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5         | 8.10         | 142.72        | 505      | 0        | 500         |
| Trombay 6         | 11.52        | 137.08        | 510      | 360      | 500         |
| Trombay 7A        | 2.09         | 28.94         | 90       | 82       | 100         |
| Trombay 7B        | 1.38         | 3.24          | 59       | 56       | 100         |
| Trombay 8         | 2.05         | 45.15         | 125      | 0        | 100         |
| TATA Hydro        | 1.01         | 36.74         | 241      | 0        | 447         |
|                   | <b>26.16</b> | <b>393.86</b> |          |          | <b>1747</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.61        | 164.39        | 527      | 524      | 500         |
|                   | <b>12.61</b> | <b>164.39</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 3054        |
|                   |              |               |          |          | <b>3054</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 112.61        | 1334.28        |  | 4750         |
|                    | Thml+Gas | 126.99        | 1527.88        |  | 5370         |
|                    | Hydro    | 6.49          | 56.90          |  | 1189         |
|                    | Total    | 133.48        | 1584.78        |  | 6559         |
| <b>State Total</b> |          | <b>198.14</b> | <b>2571.26</b> |  | <b>12760</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 13/Sep/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                  | 4495        | 56   | 633   | 5184   | 962   | 53   | 2976        | 3544        | -526   | -520  | 9249                    | 951             | 10200                       | 1817             | 12017                    | 49.78         |
| 2                  | 4480        | 46   | 637   | 5163   | 961   | 54   | 2976        | 3197        | -351   | -343  | 9058                    | 977             | 10035                       | 1641             | 11676                    | 49.96         |
| 3                  | 4585        | 41   | 640   | 5266   | 960   | 39   | 2976        | 3046        | -256   | -255  | 9083                    | 851             | 9934                        | 1554             | 11488                    | 50.05         |
| 4                  | 4639        | 46   | 637   | 5322   | 960   | 60   | 2976        | 2935        | -196   | -190  | 9114                    | 1017            | 10131                       | 1520             | 11651                    | 49.93         |
| 5                  | 4591        | 41   | 641   | 5273   | 960   | 62   | 2976        | 2996        | -76    | -62   | 9256                    | 1075            | 10331                       | 1548             | 11879                    | 50.03         |
| 6                  | 4587        | 42   | 640   | 5269   | 961   | 62   | 2977        | 3139        | -81    | -57   | 9401                    | 1064            | 10465                       | 1556             | 12021                    | 49.92         |
| 7                  | 4576        | 37   | 640   | 5253   | 958   | 53   | 2966        | 3008        | -81    | -80   | 9219                    | 1160            | 10379                       | 1606             | 11985                    | 50.07         |
| 8                  | 4722        | 52   | 638   | 5412   | 960   | 60   | 2925        | 3467        | -81    | -77   | 9849                    | 864             | 10713                       | 1590             | 12303                    | 49.81         |
| 9                  | 4807        | 90   | 641   | 5538   | 959   | 63   | 2930        | 3723        | -81    | -79   | 10214                   | 795             | 11009                       | 1662             | 12671                    | 49.97         |
| 10                 | 4792        | 86   | 632   | 5510   | 958   | 37   | 2930        | 3672        | -163   | -157  | 10030                   | 784             | 10814                       | 1811             | 12625                    | 49.90         |
| 11                 | 4748        | 99   | 615   | 5462   | 959   | 30   | 2931        | 3289        | -178   | -168  | 9584                    | 1456            | 11040                       | 1865             | 12905                    | 49.73         |
| 12                 | 4834        | 92   | 605   | 5531   | 959   | 27   | 2938        | 3234        | -181   | -171  | 9592                    | 1423            | 11015                       | 1965             | 12980                    | 49.70         |
| 13                 | 4789        | 37   | 609   | 5435   | 959   | 28   | 2938        | 3400        | -181   | -166  | 9668                    | 1275            | 10943                       | 1943             | 12886                    | 49.67         |
| 14                 | 4829        | 57   | 617   | 5503   | 958   | 60   | 2938        | 3128        | -181   | -165  | 9496                    | 1226            | 10722                       | 1862             | 12584                    | 49.82         |
| 15                 | 4805        | 42   | 612   | 5459   | 957   | 101  | 2938        | 3233        | -181   | -171  | 9602                    | 1299            | 10901                       | 1832             | 12733                    | 49.82         |
| 16                 | 4802        | 187  | 596   | 5585   | 957   | 115  | 2938        | 2893        | -181   | -173  | 9400                    | 1682            | 11082                       | 1793             | 12875                    | 49.61         |
| 17                 | 4594        | 66   | 589   | 5249   | 958   | 208  | 2600        | 3084        | -202   | -193  | 9331                    | 1760            | 11091                       | 1837             | 12928                    | 49.94         |
| 18                 | 4615        | 111  | 561   | 5287   | 958   | 187  | 2400        | 2991        | -223   | -198  | 9252                    | 1854            | 11106                       | 1801             | 12907                    | 49.86         |
| 19                 | 4583        | 639  | 517   | 5739   | 956   | 142  | 2421        | 2743        | -241   | -219  | 9411                    | 2267            | 11678                       | 1885             | 13563                    | 49.39         |
| 20                 | 4590        | 1504 | 501   | 6595   | 957   | 160  | 2505        | 2604        | -241   | -217  | 10150                   | 2279            | 12429                       | 2049             | 14478                    | 49.20         |
| 21                 | 4728        | 1364 | 508   | 6600   | 960   | 149  | 2612        | 2758        | -241   | -221  | 10297                   | 2001            | 12298                       | 2076             | 14374                    | 49.64         |
| 22                 | 4790        | 1002 | 547   | 6339   | 959   | 125  | 2686        | 2767        | -225   | -208  | 10033                   | 2025            | 12058                       | 2071             | 14129                    | 49.43         |
| 23                 | 4802        | 564  | 557   | 5923   | 960   | 122  | 2706        | 2855        | -228   | -204  | 9707                    | 1810            | 11517                       | 2023             | 13540                    | 49.59         |
| 24                 | 4849        | 193  | 558   | 5600   | 959   | 162  | 2743        | 2776        | -209   | -179  | 9369                    | 1284            | 10653                       | 1934             | 12587                    | 49.57         |
| MUs                | 112.63      | 6.49 | 14.37 | 133.50 | 23.02 | 2.16 | 67.90       | 74.48       | -4.79  | -4.47 | 229.36                  | 33.18           | 262.54                      | 43.24            | 305.78                   | 49.77         |

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 13/Sep/2009**

Position as on 6.30 Hrs of 14/Sep/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    |
| Nasik Unit 1            | 125      | 05/07/2009   | 6:15         |            | Continued. | Generator Rotor Problem                 | 30/09/2009    |
| Koradi Unit 1           | 105      | 24/07/2009   | 01:20        |            | Continued. | ANNUAL OVERHAUL                         | 12/09/2009    |
| Koyna Unit 11           | 80       | 25/07/2009   | 15.30        |            | Continued. | To attend Stator Earth Fault            | 25/09/2009    |
| Cent_Sect NTPC(V-3)     | 210      | 25/08/2009   | 00.25        |            | Continued. | A/OH                                    | 26/09/2009    |
| Cent_Sect NTPC(K-1)     | 210      | 27/08/2009   | 23.55        |            | Continued. | AOH                                     | 28/09/2009    |
| Bhusawal Unit 2         | 210      | 02/09/2009   | 10.08        |            | Continued. | Annual Overhaul.                        | 16/10/2009    |
| Chandrapur Unit 2       | 210      | 05/09/2009   | 23:46        |            | Continued. | AOH.                                    | 05/10/2009    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Dabhol 2A               | 230      | 19/01/2008   | 02.40        |            | Continued. | Tripped                                 | 20/12/2009    |
| 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                | 15/02/2010    |
| Dabhol 1B               | 230      | 22/01/2009   | 12.05        |            | Continued. | BHMS Installation work                  | 25/10/2009    |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Tata Trombay 4          | 150      | 01/07/2009   | 00:46        |            | Continued. | W/dn                                    |               |
| Uran Unit 3             | 60       | 05/07/2009   | 21.12        |            | Continued. | Stator Earth Fault                      |               |
| Koradi Unit 7           | 210      | 08/09/2009   | 15.10        |            | Continued. | Coal bunkering problem.                 |               |
| Koyna Unit 6            | 75       | 11/09/2009   | 07.05        |            | Continued. | Attending injector problem              |               |
| Paras Unit 2            | 55       | 12/09/2009   | 08:02        | 13/09/2009 | 18.59      | W/dn for B.T.L.                         |               |
| Tata Trombay 5          | 500      | 12/09/2009   | 20:08        | 13/09/2009 | 03:53      | Tripped on Low Vacuum.                  |               |
| Tata Trombay 8          | 250      | 13/09/2009   | 10.33        | 13/09/2009 | 16.35      | Flame Failure.                          |               |
| Cent_Sect NTPC (K-2)    | 210      | 13/09/2009   | 14.53        | 13/09/2009 | 20.27      | Bus Fault at Korba.                     |               |
| Cent_Sect NTPC(K-6)     | 500      | 13/09/2009   | 14.53        | 13/09/2009 | 23.28      | Bus Fault at Korba.                     |               |
| Cent_Sect NTPC(K-5)     | 500      | 13/09/2009   | 14.53        | 14/09/2009 | 00.02      | Bus Fault at Korba.                     |               |
| Cent_Sect NTPC(K-3)     | 210      | 13/09/2009   | 14.53        | 13/09/2009 | 21.36      | Bus Fault at Korba.                     |               |
| Cent_Sect NTPC(K-4)     | 500      | 13/09/2009   | 14.53        | 14/09/2009 | 01.48      | Bus Fault at Korba.                     |               |
| Parli Unit 6            | 250      | 13/09/2009   | 15.07        | 13/09/2009 | 19.48      | Low Pressure Water Cooling System.      |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 13/Sep/2009**

Position as on 6.30 Hrs of 14/Sep/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 |                    |                                                       |
| Mudshingi-Ponda                             | 13/09/2009   | 08.35        |                                   | Continued.         | Tower Errection 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                                           |
| Akola - Wardha - I                          | 01/09/2009   | 01.44        |                                   | Continued.         | Hand Tripped for Over Voltage.                        |
| Kolhapur-Mapusa-II                          | 12/09/2009   | 23:41        | 13/09/2009                        | 07.59              | H/T for O/V.                                          |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                       |
| Seoni - Wardha                              | 01/09/2009   | 01.44        |                                   | Continued.         | Tripped on Over Voltage.                              |
| <b>IntraState</b>                           |              |              |                                   |                    |                                                       |
| <b>Voltage Level : 500KV</b>                |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                       |
| Chandrapur - Padgha Pole -I                 | 04/09/2009   | 06:49        |                                   | Continued.         | Capacitor replacement.                                |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                       |
| New Koyna - Dabhol - II                     | 13/09/2009   | 08.58        | 13/09/2009                        | 17.43              | Line taken on TBC for Cold Washing of Bay Equipments. |
| <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                                           |
| Nasik TBC                                   | 28/08/2009   | 08.45        |                                   | Continued.         | Breaker replacement.                                  |
| 220/100 KV,125 MVA ICT- III at Trombay S/S. | 31/08/2009   | 09.32        |                                   | Continued.         | Replacement of Relay Panels & Control Panels.         |
| Pirangut-Hinjewadi                          | 10/09/2009   | 08.25        |                                   | Continued.         | Erection of New Tower                                 |
| Pophali-K'gaon                              | 13/09/2009   | 08.45        | 13/09/2009                        | 17.30              | For Attending Broken Isolator Jumper.                 |
| 220/100 125 MVA ICT - II @ Trombay          | 13/09/2009   | 08.59        |                                   | Continued.         | Isolator Replacement Work.                            |
| Talangade - Mumewadi                        | 13/09/2009   | 09.01        |                                   | Continued.         | Tower Errection Work.                                 |
| Kharghar-Nerul                              | 13/09/2009   | 09.02        | 13/09/2009                        | 22.05              | Testing Work.                                         |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                       |
| Karad-Kolhapur CKT I                        | 14/09/2009   | 00.56        |                                   | Continued.         | Hand Tripped for Over Voltage.                        |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                       |
| Wardha-Badnera                              | 09/09/2009   | 16:12        |                                   | Continued.         | H/T for Akola ICT loading.                            |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                       |
| Lonikand-Karad                              | 13/09/2009   | 02:28        | 13/09/2009                        | 05:19              | Tripped on Dist.Prot.,Z1.                             |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                       |
| BBLSWR-ANAGAR CKT I                         | 12/09/2009   | 18.48        | 13/09/2009                        | 10.55              | Decapping @ Loc.No.174 B ph.                          |
| Virur - Gadhchiroli                         | 13/09/2009   | 04:40        | 13/09/2009                        | 04:55              | Tripped on Dist.Prot.,Z1,R Ph E.                      |
| New Paras TPS - Chikhali - I                | 13/09/2009   | 22.27        |                                   | Continued.         | Y ph C T Burst @ Chikhli.                             |
| <b>Voltage Level : 132KV</b>                |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                       |
| Chikali - Buldhana                          | 13/09/2009   | 22.27        | 13/09/2009                        | 22.37              | Tripped on Back up Protection.                        |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 14/Sep/2009

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 0           |
| Unit 2             | 105                   | 70          |
| Unit 3             | 105                   | 70          |
| Unit 4             | 105                   | 70          |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 140         |
| Unit 7             | 210                   | 0           |
|                    | <b>1040</b>           | <b>500</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 45          |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 150         |
|                    | <b>478</b>            | <b>195</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 20          |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 170         |
| Unit 5             | 210                   | 170         |
| Unit 6             | 250                   | 220         |
|                    | <b>940</b>            | <b>770</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 150         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 425         |
|                    | <b>2340</b>           | <b>1745</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 40          |
| Unit 3             | 250                   | 200         |
|                    | <b>305</b>            | <b>240</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
|                    | <b>840</b>            | <b>810</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 0           |
| Unit 2             | 120                   | 85          |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 210                   | 180         |
|                    | <b>870</b>            | <b>655</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 600         |
|                    | <b>852</b>            | <b>600</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 525         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>1015</b> |
| <b>Hydro</b>       |                       |             |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 30          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 4           |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 0           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>174</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                   | 900         |
| RGPL III          | 740                   |             |
|                   | <b>1700</b>           | <b>900</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                  | 3285        |
|                   | <b>3143</b>           | <b>3285</b> |

|  |              |              |
|--|--------------|--------------|
|  | <b>17616</b> | <b>13136</b> |
|--|--------------|--------------|