



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**15/Jun/2009**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 15/Jun/2009 MONDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 113.650        | 1668.447        | 1) Madhya Pradesh              | 66.649         | 1003.466        |
| 2) Hydro                 | 11.795         | 184.352         | 2) Gujrat                      | 18.483         | 192.518         |
| 3) Gas                   | 15.183         | 213.935         | 3) Goa                         | -5.819         | -86.687         |
| <b>Total MSGENCO</b>     | <b>140.628</b> | <b>2066.734</b> | 4) TAPS 1&2 (Inj.)             | 6.654          | 100.384         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.204         | -1.151          |
| 1) RGPPL Gas             | 22.063         | 327.927         | <b># Total Cent. Sector</b>    | <b>85.763</b>  | <b>1208.530</b> |
| 2) Wind Generation       | 16.399         | 233.126         | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 0.204          | 1.151           | 1) With TPCL                   | -8.740         | -115.904        |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 31.168         | 456.912         | 1) MSEDCL Bilateral            | 11.669         | 125.352         |
| 2) TPCL Hydro            | 3.909          | 61.991          | Include PX                     | 0.156          | 3.414           |
| <b>TOTAL TPCL</b>        | <b>35.077</b>  | <b>518.903</b>  | 2) MUMBAI Bilateral            | 9.480          | 117.283         |
| 3) REL Thermal           | 12.588         | 188.670         | Include PX                     | 2.674          | 39.858          |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | 9.480          | 118.683         |
| 1) Thermal (A1+C1+C3)    | 157.406        | 2314.029        | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 15.908         | 247.494         | 1) MSEDCL                      | 256.317        | 3722.715        |
| 3) Gas (A3+B1)           | 37.246         | 541.862         | 2) TPCL                        | 37.306         | 544.251         |
| 4) Wind (B2)             | 16.399         | 233.126         | 3) REL                         | 19.097         | 279.204         |
| <b>TOTAL STATE</b>       | <b>226.959</b> | <b>3336.511</b> | <b>TOTAL STATE</b>             | <b>312.720</b> | <b>4546.170</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                                                            | 4748                      | 4801                      | 4750                      |
| MSGENCO Hydro                                                              | 621                       | 1093                      | 101                       |
| MSGENCO Gas                                                                | 634                       | 634                       | 637                       |
| <b>MSGENCO Total Generation</b>                                            | <b>6003</b>               | <b>6528</b>               | <b>5488</b>               |
| Central Sector Receipt                                                     | 3719                      | 3437                      | 3150                      |
| RGPPL                                                                      | 925                       | 930                       | 935                       |
| WIND                                                                       | 547                       | 756                       | 829                       |
| Exchange with TPCL                                                         | -466                      | -330                      | -49                       |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>10728</b>              | <b>11345</b>              | <b>10353</b>              |
| Load Shedding                                                              | 2858                      | 2729                      | 518                       |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>13586</b>              | <b>14074</b>              | <b>10871</b>              |
| TPCL GENERATION                                                            | 1723                      | 1678                      | 1190                      |
| REL GENERATION                                                             | 523                       | 524                       | 523                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2712</b>               | <b>2532</b>               | <b>1762</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>13440</b>              | <b>13877</b>              | <b>12115</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>16298</b>              | <b>16606</b>              | <b>12633</b>              |
| Frequency (Hz)                                                             | 49.50                     | 49.66                     | 50.07                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 3927 MW At 12.00Hrs       |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 65.58 MUs                 |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.41 Hz at 18.01 Hrs | 48.99 Hz at 14.20 Hrs | 49.7          | .12 % 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 15/Jun/2009

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.38        | 11.57         | 74       | 29       | 50       |
| Unit 2           | 0.00        | 8.73          | 0        | 0        | 0        |
| Unit 3           | 1.11        | 17.31         | 59       | 38       | 50       |
| Unit 4           | 0.86        | 8.35          | 84       | 0        | 70       |
| Unit 5           | 3.93        | 55.57         | 180      | 145      | 180      |
| Unit 6           | 3.42        | 28.46         | 163      | 103      | 150      |
| Unit 7           | 3.99        | 58.52         | 184      | 152      | 170      |
|                  | 14.68       | 188.51        |          |          | 670      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.22        | 18.23         | 56       | 40       | 50       |
| Unit 2           | 3.91        | 57.16         | 173      | 146      | 170      |
| Unit 3           | 4.17        | 62.77         | 184      | 168      | 175      |
|                  | 9.30        | 138.16        |          |          | 395      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.56        | 8.04          | 25       | 22       | 20       |
| Unit 2           | 0.51        | 7.94          | 22       | 20       | 20       |
| Unit 3           | 3.57        | 48.22         | 158      | 142      | 140      |
| Unit 4           | 3.80        | 56.30         | 168      | 148      | 150      |
| Unit 5           | 4.08        | 60.82         | 180      | 152      | 165      |
| Unit 6           | 0.00        | 0.58          | 0        | 0        | 0        |
|                  | 12.53       | 181.91        |          |          | 495      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 4.10        | 60.35         | 176      | 160      | 170      |
| Unit 2           | 3.88        | 58.44         | 169      | 153      | 165      |
| Unit 3           | 4.63        | 63.99         | 208      | 178      | 210      |
| Unit 4           | 4.12        | 51.53         | 187      | 158      | 170      |
| Unit 5           | 9.95        | 136.27        | 439      | 375      | 425      |
| Unit 6           | 9.86        | 121.26        | 430      | 394      | 425      |
| Unit 7           | 10.41       | 150.16        | 460      | 408      | 450      |
|                  | 46.95       | 642.00        |          |          | 2015     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.53        | 8.22          | 24       | 18       | 22       |
| Unit 3           | 5.00        | 65.38         | 219      | 190      | 215      |
|                  | 5.54        | 73.60         |          |          | 237      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.34        | 63.86         | 204      | 161      | 170      |
| Unit 2           | 2.35        | 57.91         | 184      | 0        | 0        |
| Unit 3           | 4.54        | 57.33         | 202      | 176      | 170      |
| Unit 4           | 4.43        | 64.71         | 208      | 164      | 170      |
|                  | 15.67       | 243.81        |          |          | 510      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 0.00        | 26.01         | 0        | 0        | 0        |
| Unit 2           | 0.00        | 14.18         | 0        | 0        | 0        |
| Unit 3           | 0.00        | 30.08         | 0        | 0        | 0        |
| Unit 4           | 4.58        | 66.35         | 200      | 174      | 190      |
| Unit 5           | 4.40        | 63.83         | 187      | 178      | 180      |
|                  | 8.98        | 200.46        |          |          | 370      |
| Uran             |             |               |          |          |          |
| All Units        | 15.18       | 213.94        | 647      | 600      | 630      |
|                  | 15.18       | 213.94        |          |          | 630      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.22        | 40.44         | 225      | 40       | 600      |
| Stage 4          | 5.37        | 87.87         | 667      | 0        | 250      |
| Kovna 12&4 Total | 7.59        | 128.32        |          |          | 850      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 2.13         | 28.58         | 192      | 0        | 320         |
|                   | <b>9.72</b>  | <b>156.90</b> |          |          | <b>1170</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.00         | 3.58          | 0        | 0        | 36          |
| VTRNA             | 0.49         | 4.58          | 61       | 0        | 60          |
| TILLARI           | 0.00         | 0.00          | 0        | 0        | 0           |
| BHTGR/VEER        | 0.26         | 4.22          | 11       | 11       | 11          |
| BHIRA T.R.        | 0.17         | 3.23          | 46       | 0        | 80          |
| RNGR+BHTSA        | 0.31         | 4.19          | 13       | 13       | 13          |
| BHANDARDRA        | 0.36         | 2.24          | 15       | 15       | 15          |
| ELDARY            | 0.00         | 0.00          | 0        | 0        | 0           |
| PAITHAN           | 0.06         | 0.78          | 10       | 0        | 0           |
| GHATGHAR          | 0.42         | 4.63          | 125      | 0        | 0           |
|                   | <b>2.07</b>  | <b>27.46</b>  |          |          | <b>215</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.20         | 1.15          | 24       | 0        |             |
|                   | <b>0.20</b>  | <b>1.15</b>   |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.53         | 6.58          |          |          |             |
| Vankuswadi        | 1.26         | 16.12         |          |          |             |
| ATIT              | 0.25         | 3.20          |          |          |             |
| Kale              | 0.12         | 1.63          |          |          |             |
| Satara            | 1.03         | 10.56         |          |          |             |
| Shirala           | 0.40         | 5.08          |          |          |             |
| K Mahankal        | 0.07         | 4.02          |          |          |             |
| Supa              | 0.37         | 3.47          |          |          |             |
| Vita              | 1.88         | 29.08         |          |          |             |
| Dondaicha         | 6.76         | 98.71         |          |          |             |
| Sakri             | 1.19         | 17.70         |          |          |             |
| Nandurbar         | 0.94         | 15.15         |          |          |             |
| Khadakale         | 0.90         | 11.37         |          |          |             |
| Khaparale         | 0.70         | 10.45         |          |          |             |
|                   | <b>16.40</b> | <b>233.13</b> |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 22.06        | 327.93        | 935      | 789      | 870         |
| RGPP L III        |              | 0.00          | 0        | 0        |             |
|                   | <b>22.06</b> | <b>327.93</b> |          |          | <b>870</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5         | 12.12        | 181.60        | 505      | 505      | 500         |
| Trombay 6         | 11.34        | 168.07        | 510      | 320      | 500         |
| Trombay 7A        | 2.91         | 43.27         | 123      | 118      | 120         |
| Trombay 7B        | 1.60         | 24.05         | 68       | 66       | 60          |
| Trombay 8         | 3.19         | 39.93         | 138      | 115      | 120         |
| TATA Hydro        | 3.91         | 61.99         | 388      | 2        | 447         |
|                   | <b>35.08</b> | <b>518.90</b> |          |          | <b>1747</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.59        | 188.67        | 528      | 520      | 500         |
|                   | <b>12.59</b> | <b>188.67</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 3222        |
|                   |              |               |          |          | <b>3222</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 113.65        | 1668.45        |  | 4692         |
|                    | Thml+Gas | 128.83        | 1882.38        |  | 5322         |
|                    | Hydro    | 11.80         | 184.35         |  | 1385         |
|                    | Total    | 140.63        | 2066.73        |  | 6707         |
| <b>State Total</b> |          | <b>226.96</b> | <b>3336.51</b> |  | <b>13046</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/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                  | 4699        | 598   | 637   | 5934   | 930   | 724   | 3333        | 3265        | -369   | -341  | 10512                   | 870             | 11382                       | 2204             | 13586                    | 49.47         |
| 2                  | 4660        | 238   | 637   | 5535   | 933   | 873   | 3033        | 3237        | -181   | -151  | 10427                   | 877             | 11304                       | 1989             | 13293                    | 49.89         |
| 3                  | 4739        | 164   | 637   | 5540   | 933   | 892   | 2901        | 3080        | -87    | -51   | 10394                   | 928             | 11322                       | 1853             | 13175                    | 49.91         |
| 4                  | 4750        | 101   | 637   | 5488   | 935   | 829   | 2908        | 3150        | -87    | -49   | 10353                   | 518             | 10871                       | 1762             | 12633                    | 50.07         |
| 5                  | 4674        | 179   | 637   | 5490   | 933   | 823   | 2916        | 3353        | -87    | -52   | 10547                   | 690             | 11237                       | 1729             | 12966                    | 49.81         |
| 6                  | 4656        | 134   | 637   | 5427   | 931   | 789   | 2925        | 3420        | -87    | -53   | 10514                   | 1552            | 12066                       | 1740             | 13806                    | 49.63         |
| 7                  | 4803        | 122   | 637   | 5562   | 934   | 703   | 2936        | 2918        | -86    | -55   | 10062                   | 2318            | 12380                       | 1772             | 14152                    | 49.89         |
| 8                  | 4806        | 145   | 637   | 5588   | 932   | 473   | 3137        | 3600        | -86    | -57   | 10536                   | 1908            | 12444                       | 1812             | 14256                    | 49.83         |
| 9                  | 4827        | 238   | 642   | 5707   | 929   | 625   | 3142        | 3515        | -86    | -58   | 10718                   | 2333            | 13051                       | 2049             | 15100                    | 49.77         |
| 10                 | 4847        | 397   | 647   | 5891   | 930   | 607   | 3572        | 3743        | -441   | -418  | 10753                   | 2872            | 13625                       | 2439             | 16064                    | 49.88         |
| 11                 | 4748        | 621   | 634   | 6003   | 925   | 547   | 3615        | 3719        | -484   | -466  | 10728                   | 2858            | 13586                       | 2712             | 16298                    | 49.50         |
| 12                 | 4668        | 874   | 625   | 6167   | 918   | 464   | 3566        | 3889        | -605   | -583  | 10855                   | 2979            | 13834                       | 2800             | 16634                    | 49.38         |
| 13                 | 4623        | 1077  | 632   | 6332   | 916   | 472   | 3726        | 3843        | -770   | -747  | 10822                   | 2902            | 13724                       | 2839             | 16563                    | 49.40         |
| 14                 | 4648        | 814   | 632   | 6094   | 913   | 485   | 3653        | 3758        | -699   | -671  | 10603                   | 2989            | 13592                       | 2746             | 16338                    | 49.39         |
| 15                 | 4613        | 744   | 628   | 5985   | 915   | 478   | 3722        | 3609        | -770   | -746  | 10265                   | 3108            | 13373                       | 2850             | 16223                    | 49.26         |
| 16                 | 4738        | 500   | 635   | 5873   | 925   | 568   | 3745        | 3602        | -793   | -759  | 10233                   | 3155            | 13388                       | 2877             | 16265                    | 49.48         |
| 17                 | 4740        | 388   | 642   | 5770   | 926   | 714   | 3701        | 3738        | -754   | -735  | 10437                   | 3262            | 13699                       | 2831             | 16530                    | 49.67         |
| 18                 | 4781        | 368   | 638   | 5787   | 870   | 824   | 3318        | 3681        | -637   | -614  | 10572                   | 3030            | 13602                       | 2720             | 16322                    | 49.82         |
| 19                 | 4813        | 388   | 646   | 5847   | 789   | 779   | 3218        | 3551        | -390   | -360  | 10630                   | 2640            | 13270                       | 2545             | 15815                    | 49.91         |
| 20                 | 4843        | 655   | 646   | 6144   | 929   | 812   | 3123        | 3551        | -367   | -328  | 11132                   | 2928            | 14060                       | 2478             | 16538                    | 49.87         |
| 21                 | 4801        | 1093  | 634   | 6528   | 930   | 756   | 3131        | 3437        | -367   | -330  | 11345                   | 2729            | 14074                       | 2532             | 16606                    | 49.66         |
| 22                 | 4778        | 963   | 604   | 6345   | 931   | 778   | 3131        | 3541        | -368   | -325  | 11276                   | 2577            | 13853                       | 2385             | 16238                    | 49.72         |
| 23                 | 4726        | 704   | 602   | 6032   | 929   | 681   | 3328        | 4027        | -448   | -404  | 11265                   | 1723            | 12988                       | 2388             | 15376                    | 49.61         |
| 24                 | 4669        | 290   | 600   | 5559   | 927   | 700   | 3355        | 4536        | -431   | -387  | 11335                   | 1269            | 12604                       | 2353             | 14957                    | 49.93         |
| MUs                | 113.65      | 11.80 | 15.18 | 140.63 | 22.06 | 16.40 | 79.14       | 85.76       | -9.48  | -8.74 | 256.31                  | 53.02           | 309.33                      | 56.40            | 365.73                   | 49.70         |

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 15/Jun/2009**

Position as on 6.30 Hrs of 16/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    |
| <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                      | 17/06/2009    |
| Koradi Unit 2           | 105      | 07/06/2009   | 08:19        |            | Continued. | ID Fan Problem                          | 26/06/2009    |
| Cent_Sect TARAPUR-3     | 540      | 07/06/2009   | 18:35        | 15/06/2009 | 01.47      | Testing Work.                           |               |
| Uran Unit 3             | 60       | 09/06/2009   | 20:25        |            | Continued. | Gas Restriction                         |               |
| Nasik Unit 2            | 125      | 10/06/2009   | 18:45        |            | Continued. | Coal Mill Problem                       | 17/06/2009    |
| Nasik Unit 1            | 125      | 14/06/2009   | 15.20        |            | Continued. | Boiler Tube Leakage                     | 17/06/2009    |
| Khaparkheda Unit 2      | 210      | 15/06/2009   | 04.29        | 15/06/2009 | 14.40      | Generator protection operated           |               |
| Cent_Sect NTPC(V-8)     | 500      | 15/06/2009   | 11.01        |            | Continued. | Boiler Tube Leakage                     | 17/06/2009    |
| Koradi Unit 4           | 115      | 15/06/2009   | 11.29        |            | Continued. | Governer problem                        | 17/06/2009    |
| Uran Unit 5             | 108      | 16/06/2009   | 02.58        | 16/06/2009 | 03.27      | Tripped                                 |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 15/Jun/2009**

Position as on 6.30 Hrs of 16/Jun/2009

| Name of Line                         | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                        |
|--------------------------------------|--------------|--------------|-----------------------------------|-------------------|-----------------------------------------|
| <b>InterState</b>                    |              |              |                                   |                   |                                         |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                         |
| Dhule-Sar'Sarovar II                 | 14/05/2009   | 14.25        |                                   | Continued.        | H/T FOR O/V                             |
| Wardha - Akola - II                  | 12/06/2009   | 22.51        |                                   | Continued.        | Hand Tripped to Control O/V.            |
| Dhule-S'Sarovar I                    | 15/06/2009   | 03.20        | 15/06/2009                        | 05.56             | H/T FOR O/V                             |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type TRIPPED</b>        |                   |                                         |
| Mudshingi-Ponda                      | 15/06/2009   | 02.10        | 15/06/2009                        | 02.20             | Tripped on backup protection            |
| TILLARY-PHONDA                       | 15/06/2009   | 02.10        |                                   | Continued.        | Tripped on Distance protection          |
| <b>IntraState</b>                    |              |              |                                   |                   |                                         |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                         |
| 400/220KV, 315MVA ICT-I @ New Koyna. | 15/06/2009   | 09.55        | 15/06/2009                        | 18.06             | Replacement of R phase CT               |
| 400KV Main Bus-I at Akola            | 15/06/2009   | 10.51        |                                   | Continued.        | Testing Work                            |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                         |
| 220/100KV 125 MVA ICT-II at Kalwa    | 01/05/2009   | 07:45        |                                   | Continued.        | Repair Work                             |
| Uran -Apta-III                       | 13/06/2009   | 11.22        |                                   | Continued.        | Relocating and dismanteling work,       |
| Apta-Uran-IV                         | 13/06/2009   | 11.22        |                                   | Continued.        | Relocating and dismanteling work,       |
| N.Koyna-Lote(p)                      | 15/06/2009   | 09.15        | 15/06/2009                        | 10.20             | Base measurement of CT                  |
| Talangade - Mudshingi - I            | 15/06/2009   | 09.48        | 15/06/2009                        | 16.32             | Q.M. WORK                               |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                         |
| Kalwa-Kharghar                       | 15/06/2009   | 10.18        | 15/06/2009                        | 20.18             | TO Attend Oil Leakage of R phase CVT    |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                         |
| 400/220KV 315MVA ICT-I at Kharghar   | 14/06/2009   | 11.15        |                                   | Continued.        | To control line loading of Uran-Apta-II |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                         |
| Dhamangaon-wardha                    | 13/06/2009   | 14.45        |                                   | Continued.        | H/T to increase load on Akola ICT.      |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type TRIPPED</b>        |                   |                                         |
| Kalmeshwar-Ambazari                  | 14/06/2009   | 15.48        | 15/06/2009                        | 02.06             | Tripped on Distance protection          |
| K'gaon-Lonand                        | 15/06/2009   | 11.23        | 15/06/2009                        | 11.48             | Tripped on Distance protection          |
| K'gaon-Lonand                        | 15/06/2009   | 12.17        | 15/06/2009                        | 12.30             | Tripped on Distance protection          |
| K'gaon-Lonand                        | 15/06/2009   | 13.00        |                                   | Continued.        | Declared faulty                         |
| Khaparkheda-Ambazari ckt - I         | 15/06/2009   | 14.01        | 15/06/2009                        | 14.10             | Tripped on Distance protection          |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type TRIPPED</b>        |                   |                                         |
| Katol-Kalmeshwar                     | 15/06/2009   | 15.30        | 15/06/2009                        | 22.13             | Tripped on Distance protection          |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 16/Jun/2009

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 70          |
| Unit 2             | 105                   | 0           |
| Unit 3             | 105                   | 50          |
| Unit 4             | 105                   | 0           |
| Unit 5             | 200                   | 170         |
| Unit 6             | 210                   | 150         |
| Unit 7             | 210                   | 180         |
|                    | <b>1040</b>           | <b>620</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 50          |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 175         |
|                    | <b>478</b>            | <b>395</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                   | 165         |
| Unit 2             | 210                   | 165         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 170         |
| Unit 5             | 500                   | 425         |
| Unit 6             | 500                   | 440         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>2025</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 25          |
| Unit 3             | 250                   | 207         |
|                    | <b>305</b>            | <b>232</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 170         |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 170         |
|                    | <b>840</b>            | <b>680</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 0           |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 190         |
|                    | <b>870</b>            | <b>390</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 620         |
|                    | <b>852</b>            | <b>620</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                    | 11          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 13          |
| BHANDARDRA        | 45                    | 15          |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 0           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>179</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                   | 877         |
| RGPL III          | 740                   | 0           |
|                   | <b>1700</b>           | <b>877</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                   | 130         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1757</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3304        |
|                   | <b>3143</b>           | <b>3304</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17616</b> | 6 of 6 | <b>13264</b> |
|--|--------------|--------|--------------|