



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**20/Nov/2009**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 20/Nov/2009 FRIDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 105.691        | 2138.272        | 1) Madhya Pradesh              | 61.593         | 1207.051        |
| 2) Hydro                 | 3.223          | 278.641         | 2) Gujrat                      | -3.385         | 228.267         |
| 3) Gas                   | 15.547         | 284.149         | 3) Goa                         | -6.451         | -123.131        |
| <b>Total MSGENCO</b>     | <b>124.461</b> | <b>2701.062</b> | 4) TAPS 1&2 (Inj.)             | 7.310          | 145.249         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | 0.000          | 0.028           |
| 1) RGPPL Gas             | 22.434         | 441.187         | <b># Total Cent. Sector</b>    | <b>59.067</b>  | <b>1457.464</b> |
| 2) Wind Generation       | 2.395          | 107.092         | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 0.000          | 10.480          | 1) With TPCL                   | -3.306         | -117.289        |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 29.800         | 609.653         | 1) MSEDCL Bilateral            | 3.720          | 68.115          |
| 2) TPCL Hydro            | 4.313          | 84.076          | Include PX                     | 0.000          | 7.152           |
| <b>TOTAL TPCL</b>        | <b>34.113</b>  | <b>693.729</b>  | 2) MUMBAI Bilateral            | 4.404          | 129.911         |
| 3) REL Thermal           | 12.731         | 150.714         | Include PX                     | 0.000          | 19.496          |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | 4.404          | 135.021         |
| 1) Thermal (A1+C1+C3)    | 148.222        | 2898.639        | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 7.536          | 373.197         | 1) MSEDCL                      | 205.051        | 4599.996        |
| 3) Gas (A3+B1)           | 37.981         | 725.336         | 2) TPCL                        | 32.909         | 638.618         |
| 4) Wind (B2)             | 2.395          | 107.092         | 3) REL                         | 17.240         | 323.061         |
| <b>TOTAL STATE</b>       | <b>196.134</b> | <b>4104.264</b> | <b>TOTAL STATE</b>             | <b>255.200</b> | <b>5561.675</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 4 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 4505                      | 4766                      | 3876                      |
| MSGENCO Hydro                                                              | 189                       | 408                       | 96                        |
| MSGENCO Gas                                                                | 642                       | 658                       | 664                       |
| <b>MSGENCO Total Generation</b>                                            | <b>5336</b>               | <b>5832</b>               | <b>4636</b>               |
| Central Sector Receipt                                                     | 2257                      | 3045                      | 2520                      |
| RGPPL                                                                      | 935                       | 934                       | 935                       |
| WIND                                                                       | 106                       | 44                        | 165                       |
| Exchange with TPCL                                                         | -210                      | -304                      | -4                        |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>8424</b>               | <b>9551</b>               | <b>8252</b>               |
| Load Shedding                                                              | 1259                      | 2597                      | 0                         |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>9683</b>               | <b>12148</b>              | <b>8252</b>               |
| TPCL GENERATION                                                            | 1796                      | 1685                      | 876                       |
| REL GENERATION                                                             | 532                       | 530                       | 533                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2538</b>               | <b>2519</b>               | <b>1413</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>10962</b>              | <b>12070</b>              | <b>9665</b>               |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>12221</b>              | <b>14667</b>              | <b>9665</b>               |
| Frequency (Hz)                                                             | 49.97                     | 49.83                     | 50.31                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 2836 MW at 20.00Hrs.      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 24.55Mus                  |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.52 Hz at 02.54 Hrs | 49.19 Hz at 08.35 Hrs | 49.98         | 0 % of Time      |

\* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and Mumbai bilateral power.

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 20/Nov/2009

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.48        | 36.26         | 82       | 46       | 50       |
| Unit 2           | 1.33        | 11.00         | 78       | 37       | 40       |
| Unit 3           | 1.10        | 24.88         | 74       | 0        | 30       |
| Unit 4           | 0.48        | 29.74         | 66       | 0        | 30       |
| Unit 5           | 2.52        | 54.83         | 147      | 0        | 0        |
| Unit 6           | 2.78        | 64.27         | 145      | 75       | 100      |
| Unit 7           | 2.89        | 67.20         | 160      | 88       | 120      |
|                  | 12.58       | 288.18        |          |          | 370      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.06        | 14.86         | 53       | 34       | 45       |
| Unit 2           | 3.68        | 78.80         | 172      | 139      | 160      |
| Unit 3           | 4.22        | 73.63         | 196      | 158      | 190      |
|                  | 8.96        | 167.29        |          |          | 395      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.57        | 11.24         | 25       | 22       | 20       |
| Unit 2           | 0.55        | 9.90          | 24       | 21       | 20       |
| Unit 3           | 3.93        | 67.56         | 172      | 137      | 175      |
| Unit 4           | 4.44        | 88.42         | 200      | 163      | 160      |
| Unit 5           | 4.13        | 80.23         | 178      | 166      | 170      |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 13.62       | 257.35        |          |          | 545      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.64        | 75.45         | 158      | 146      | 160      |
| Unit 2           | 3.83        | 65.25         | 173      | 134      | 170      |
| Unit 3           | 0.00        | 61.15         | 0        | 0        | 0        |
| Unit 4           | 4.13        | 77.38         | 194      | 140      | 180      |
| Unit 5           | 6.96        | 137.02        | 460      | 0        | 400      |
| Unit 6           | 9.72        | 180.54        | 445      | 290      | 450      |
| Unit 7           | 8.87        | 176.80        | 390      | 340      | 400      |
|                  | 37.14       | 773.58        |          |          | 1760     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 4.63        | 97.75         | 206      | 180      | 184      |
|                  | 4.63        | 97.75         |          |          | 184      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.42        | 69.42         | 190      | 170      | 180      |
| Unit 2           | 0.00        | 64.69         | 0        | 0        | 0        |
| Unit 3           | 2.87        | 5.20          | 184      | 0        | 160      |
| Unit 4           | 5.10        | 91.91         | 216      | 205      | 210      |
|                  | 12.38       | 231.22        |          |          | 550      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.48        | 37.11         | 92       | 0        | 80       |
| Unit 2           | 2.05        | 35.41         | 93       | 73       | 80       |
| Unit 3           | 4.57        | 89.79         | 205      | 162      | 180      |
| Unit 4           | 4.35        | 79.01         | 191      | 164      | 180      |
| Unit 5           | 3.93        | 81.58         | 172      | 157      | 160      |
|                  | 16.37       | 322.90        |          |          | 680      |
| Uran             |             |               |          |          |          |
| All Units        | 15.55       | 284.15        | 665      | 557      | 650      |
|                  | 15.55       | 284.15        |          |          | 650      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.00        | 39.58         | 85       | 30       | 600      |
| Stage 4          | 0.00        | 148.86        | 0        | 0        | 250      |
| Koyna 12&4 Total | 1.00        | 188.43        |          |          | 850      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 0.47         | 39.46         | 160      | 0        | 320         |
|                   | <b>1.46</b>  | <b>227.89</b> |          |          | <b>1170</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.00         | 3.62          | 0        | 0        | 0           |
| VTRNA             | 0.00         | 0.00          | 0        | 0        | 0           |
| TILLARI           | 0.39         | 9.07          | 59       | 0        | 60          |
| BHTGR/VEER        | 0.82         | 15.88         | 34       | 34       | 34          |
| BHIRA T.R.        | 0.22         | 5.14          | 80       | 0        | 80          |
| RNGR+BHTSA        | 0.28         | 6.33          | 15       | 0        | 15          |
| BHANDARDRA        | 0.00         | 4.35          | 0        | 0        | 32          |
| ELDARY            | 0.00         | 0.00          | 0        | 0        | 0           |
| PAITHAN           | 0.06         | 1.07          | 10       | 0        | 10          |
| GHATGHAR          | 0.00         | 5.29          | 0        | 0        | 0           |
|                   | <b>1.76</b>  | <b>50.75</b>  |          |          | <b>231</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.00         | 10.48         | 0        | 0        |             |
|                   | <b>0.00</b>  | <b>10.48</b>  |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.11         | 7.77          |          |          |             |
| Vankuswadi        | 0.34         | 17.22         |          |          |             |
| ATIT              | 0.09         | 4.35          |          |          |             |
| Kale              | 0.09         | 7.11          |          |          |             |
| Satara            | 0.06         | 7.07          |          |          |             |
| Shirala           | 0.11         | 6.00          |          |          |             |
| K Mahankal        | 0.06         | 4.97          |          |          |             |
| Supa              | 0.05         | 1.94          |          |          |             |
| Vita              | 0.50         | 19.40         |          |          |             |
| Dondaicha         | 0.50         | 14.01         |          |          |             |
| Sakri             | 0.09         | 1.93          |          |          |             |
| Nandurbar         | 0.05         | 1.27          |          |          |             |
| Khadakale         | 0.25         | 7.76          |          |          |             |
| Khaparale         | 0.10         | 6.30          |          |          |             |
|                   | <b>2.40</b>  | <b>107.09</b> |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 22.43        | 441.19        | 936      | 934      | 900         |
| RGPP L III        | 0.00         | 0.00          | 0        | 0        |             |
|                   | <b>22.43</b> | <b>441.19</b> |          |          | <b>900</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 15.37         | 0        | 0        | 0           |
| Trombay 5         | 9.93         | 193.92        | 450      | 270      | 500         |
| Trombay 6         | 9.57         | 195.96        | 510      | 150      | 500         |
| Trombay 7A        | 2.72         | 56.59         | 126      | 88       | 120         |
| Trombay 7B        | 1.57         | 31.84         | 69       | 58       | 60          |
| Trombay 8         | 6.01         | 115.97        | 254      | 240      | 250         |
| TATA Hydro        | 4.31         | 84.08         | 443      | 0        | 447         |
|                   | <b>34.11</b> | <b>693.73</b> |          |          | <b>1877</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.73        | 150.71        | 533      | 520      | 500         |
|                   | <b>12.73</b> | <b>150.71</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 3026        |
|                   |              |               |          |          | <b>3026</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 105.69        | 2138.27        |  | 4484         |
|                    | Thml+Gas | 121.24        | 2422.42        |  | 5134         |
|                    | Hydro    | 3.22          | 278.64         |  | 1401         |
|                    | Total    | 124.46        | 2701.06        |  | 6535         |
| <b>State Total</b> |          | <b>196.13</b> | <b>4104.26</b> |  | <b>12838</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 20/Nov/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                  | 3851        | 86   | 557   | 4494   | 934   | 191  | 2432        | 2462        | -39    | -3    | 8078                    | 595             | 8673                        | 1618             | 10291                    | 50.14         |
| 2                  | 3829        | 86   | 635   | 4550   | 935   | 177  | 2434        | 2536        | -39    | -3    | 8195                    | 0               | 8195                        | 1529             | 9724                     | 50.26         |
| 3                  | 3842        | 86   | 660   | 4588   | 934   | 179  | 2435        | 2568        | -39    | -4    | 8265                    | 0               | 8265                        | 1462             | 9727                     | 50.31         |
| 4                  | 3876        | 96   | 664   | 4636   | 935   | 165  | 2437        | 2520        | -39    | -4    | 8252                    | 0               | 8252                        | 1413             | 9665                     | 50.31         |
| 5                  | 3996        | 86   | 665   | 4747   | 935   | 171  | 2435        | 2550        | -39    | -3    | 8400                    | 0               | 8400                        | 1401             | 9801                     | 50.06         |
| 6                  | 4033        | 91   | 662   | 4786   | 935   | 170  | 2434        | 2742        | -39    | -5    | 8628                    | 634             | 9262                        | 1483             | 10745                    | 49.73         |
| 7                  | 4142        | 86   | 665   | 4893   | 936   | 163  | 2415        | 2468        | -39    | -1    | 8459                    | 1801            | 10260                       | 1680             | 11940                    | 49.86         |
| 8                  | 4188        | 81   | 663   | 4932   | 935   | 157  | 2612        | 2364        | 44     | 80    | 8468                    | 1838            | 10306                       | 1758             | 12064                    | 49.74         |
| 9                  | 4192        | 104  | 655   | 4951   | 936   | 143  | 2612        | 2334        | 44     | 77    | 8441                    | 1598            | 10039                       | 1947             | 11986                    | 49.61         |
| 10                 | 4332        | 170  | 648   | 5150   | 935   | 128  | 2870        | 2318        | -212   | -173  | 8358                    | 1413            | 9771                        | 2288             | 12059                    | 49.77         |
| 11                 | 4505        | 189  | 642   | 5336   | 935   | 106  | 2849        | 2257        | -257   | -210  | 8424                    | 1259            | 9683                        | 2538             | 12221                    | 49.97         |
| 12                 | 4553        | 154  | 632   | 5339   | 934   | 75   | 2849        | 2190        | -257   | -209  | 8329                    | 1167            | 9496                        | 2582             | 12078                    | 49.94         |
| 13                 | 4659        | 69   | 640   | 5368   | 935   | 48   | 2849        | 2048        | -257   | -213  | 8186                    | 1080            | 9266                        | 2582             | 11848                    | 50.06         |
| 14                 | 4725        | 81   | 640   | 5446   | 934   | 32   | 2817        | 1898        | -257   | -211  | 8099                    | 1036            | 9135                        | 2483             | 11618                    | 50.11         |
| 15                 | 4747        | 81   | 635   | 5463   | 934   | 29   | 2721        | 2018        | -257   | -209  | 8235                    | 1203            | 9438                        | 2500             | 11938                    | 49.95         |
| 16                 | 4794        | 76   | 635   | 5505   | 935   | 26   | 2721        | 2046        | -257   | -210  | 8302                    | 1194            | 9496                        | 2519             | 12015                    | 49.95         |
| 17                 | 4770        | 89   | 645   | 5504   | 935   | 30   | 2721        | 2291        | -257   | -213  | 8547                    | 1181            | 9728                        | 2497             | 12225                    | 50.00         |
| 18                 | 4811        | 109  | 650   | 5570   | 934   | 43   | 2721        | 2466        | -257   | -215  | 8798                    | 1324            | 10122                       | 2451             | 12573                    | 49.85         |
| 19                 | 4863        | 249  | 650   | 5762   | 935   | 40   | 2795        | 2999        | -257   | -217  | 9519                    | 2527            | 12046                       | 2541             | 14587                    | 49.83         |
| 20                 | 4766        | 408  | 658   | 5832   | 934   | 44   | 2656        | 3045        | -340   | -304  | 9551                    | 2597            | 12148                       | 2519             | 14667                    | 49.83         |
| 21                 | 4769        | 334  | 663   | 5766   | 935   | 62   | 2656        | 3066        | -340   | -274  | 9555                    | 2318            | 11873                       | 2337             | 14210                    | 50.04         |
| 22                 | 4596        | 211  | 665   | 5472   | 935   | 78   | 2612        | 2665        | -340   | -271  | 8879                    | 2307            | 11186                       | 2170             | 13356                    | 50.11         |
| 23                 | 4507        | 110  | 663   | 5280   | 934   | 83   | 2602        | 2621        | -340   | -255  | 8663                    | 1674            | 10337                       | 2025             | 12362                    | 49.91         |
| 24                 | 4330        | 91   | 655   | 5076   | 935   | 55   | 2602        | 2592        | -340   | -256  | 8402                    | 1273            | 9675                        | 1827             | 11502                    | 50.21         |
| MUs                | 105.68      | 3.22 | 15.55 | 124.45 | 22.43 | 2.40 | 63.29       | 59.06       | -4.40  | -3.31 | 205.03                  | 30.02           | 235.05                      | 50.15            | 285.20                   | 49.98         |

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 20/Nov/2009**

Position as on 6.30 Hrs of 21/Nov/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    |
| Paras Unit 2            | 55       | 11/10/2009   | 13:29        |            | Continued. | AOH.                                    | 25/11/2009    |
| Parli Unit 6            | 250      | 31/10/2009   | 13.01        |            | Continued. | Hydrogen Leakage.                       | 21/11/2009    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Dabhol 2A               | 230      | 19/01/2008   | 02.40        |            | Continued. | Tripped                                 | 30/11/2009    |
| 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                | 31/03/2010    |
| Dabhol 1B               | 230      | 22/01/2009   | 12.05        |            | Continued. | BHMS Installation work                  | 07/01/2010    |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Uran Unit 3             | 60       | 05/07/2009   | 21.12        |            | Continued. | Stator Earth Fault                      |               |
| Cent_Sect NTPC(V-6)     | 210      | 15/11/2009   | 01.20        |            | Continued. | Boiler Inspection work                  | 21/11/2009    |
| Chandrapur Unit 5       | 500      | 17/11/2009   | 01:08        | 20/11/2009 | 00.46      | B.T.L.                                  |               |
| Chandrapur Unit 3       | 210      | 18/11/2009   | 21.16        |            | Continued. | Furnace Pressure High.                  | 21/11/2009    |
| Khaparkheda Unit 2      | 210      | 18/11/2009   | 21.37        |            | Continued. | Boiler Tube Leakage.                    | 21/11/2009    |
| Nasik Unit 1            | 125      | 18/11/2009   | 21.57        | 20/11/2009 | 05.05      | Leakage of Balley Valve.                |               |
| Tata Trombay 4          | 150      | 18/11/2009   | 22.42        |            | Continued. | W/Dn.                                   |               |
| Khaparkheda Unit 3      | 210      | 19/11/2009   | 22.43        | 20/11/2009 | 02.48      | Flame Failure                           |               |
| Chandrapur Unit 5       | 500      | 20/11/2009   | 00.48        | 20/11/2009 | 03.03      | Drum Level High                         |               |
| Koradi Unit 5           | 200      | 20/11/2009   | 04.38        | 20/11/2009 | 08.40      | Furnance pressue heigh.                 |               |
| Koradi Unit 4           | 115      | 20/11/2009   | 06.20        | 20/11/2009 | 20.16      | CHP Problem.                            |               |
| Cent_Sect TARAPUR-4     | 540      | 20/11/2009   | 13.54        |            | Continued. | Generator protection                    | 21/11/2009    |
| Khaparkheda Unit 3      | 210      | 20/11/2009   | 20.52        |            | Continued. | Main Steam line Burst                   | 21/11/2009    |
| Koradi Unit 3           | 105      | 20/11/2009   | 22.20        |            | Continued. | ESP PROBLEM                             |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 20/Nov/2009**

Position as on 6.30 Hrs of 21/Nov/2009

| Name of Line                         | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                            |
|--------------------------------------|--------------|--------------|-----------------------------------|-------------------|-------------------------------------------------------------|
| <b>InterState</b>                    |              |              |                                   |                   |                                                             |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                             |
| TILLARY-PHONDA                       | 12/11/2009   | 09.50        |                                   | Continued.        | PLCC work at Amona Stn.(4 days)                             |
| Mudshingi-Ponda                      | 20/11/2009   | 10.35        | 20/11/2009                        | 14.32             | For making Bunching arrangement                             |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                             |
| WARDHA-AKOLA-II                      | 24/10/2009   | 16.46        |                                   | Continued.        | H/T due to over voltage                                     |
| Chandrapur-Bhadravti - I             | 05/11/2009   | 10.07        |                                   | Continued.        | H/T To control C'pur-Parli line loading.                    |
| Dhule-Sar'Sarovar II                 | 09/11/2009   | 10:48        |                                   | Continued.        | H/T for O/V.                                                |
| Wardha - Akola - I                   | 11/11/2009   | 02.40        |                                   | Continued.        | H/T for O/V.                                                |
| Seoni - Wardha                       | 11/11/2009   | 02.41        |                                   | Continued.        | H/T for O/V.                                                |
| Kolhapur-Mapusa-II                   | 19/11/2009   | 22.55        | 20/11/2009                        | 09.00             | H/T for O/V.                                                |
| <b>IntraState</b>                    |              |              |                                   |                   |                                                             |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                             |
| 400/132KV,200 MVA ICT-II at Bhusawal | 26/10/2009   | 09.32        |                                   | Continued.        | Over hauling work.                                          |
| 400/220 KV 315 MVA ICT at Akola      | 19/11/2009   | 08.13        |                                   | Continued.        | Replacement of Air cell.                                    |
| Padgha - Kalwa -II                   | 20/11/2009   | 07.38        | 20/11/2009                        | 19.38             | CVT and L.A.replacement                                     |
| STG IV-New Koyna-II                  | 20/11/2009   | 10.14        | 20/11/2009                        | 20.36             | Jumpering work at Stage-IV                                  |
| Main Bus-II at Aurangabad            | 20/11/2009   | 10.40        | 20/11/2009                        | 20.30             | Isolator Alignment                                          |
| Stage-IV-Jejuri                      | 20/11/2009   | 12.26        | 20/11/2009                        | 20.43             | Jumpering Work                                              |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                             |
| 220/100KV 125 MVA ICT-II at Kalwa    | 01/05/2009   | 07:45        |                                   | Continued.        | Repair Work                                                 |
| Talandgade-Ichalkaranj -II           | 19/11/2009   | 10.14        | 20/11/2009                        | 18.10             | Retrofitting work.                                          |
| CHINCHWAD-PARVATI                    | 19/11/2009   | 22.15        | 20/11/2009                        | 06.18             | Retrofitting of distance relay.                             |
| Karad - Vita - I                     | 20/11/2009   | 07.44        | 20/11/2009                        | 17.30             | Insulator replacement                                       |
| Main Bus-II At Versova.              | 20/11/2009   | 08.32        | 20/11/2009                        | 21.32             | Jumpering work of Isolator                                  |
| Kalwa-Taloja                         | 20/11/2009   | 08.40        | 20/11/2009                        | 18.28             | Testing work                                                |
| Boiser PGCIL-Boiser II               | 20/11/2009   | 10.01        | 21/11/2009                        | 07.03             | Testing work                                                |
| Sonkar - Nerul                       | 20/11/2009   | 11.30        | 20/11/2009                        | 20.05             | PLCC WORK                                                   |
| Bus section - I at Pawas             | 20/11/2009   | 11.50        | 20/11/2009                        | 14.47             | Isolator work                                               |
| 220/132KV 100MVA ICT-I at Parbhani   | 20/11/2009   | 15.20        | 20/11/2009                        | 15.45             | Breaker Trip Trial Testing Work                             |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                             |
| Bhandara-Tekepar                     | 29/10/2009   | 09.13        |                                   | Continued.        | Breaker Replacement.                                        |
| Boisar-MIDC                          | 20/11/2009   | 08.30        | 20/11/2009                        | 21.06             | Conductor replacement                                       |
| Solapur - Ujani                      | 20/11/2009   | 09.40        |                                   | Continued.        | Breaker replacement                                         |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type</b> FORCED OUTAGE  |                   |                                                             |
| 220/132 KV 150MVA ICT at Dhule       | 20/11/2009   | 18.33        | 20/11/2009                        | 19.18             | To attend Red Hot on T/F LV Bushing                         |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                             |
| C'pur-Parli II                       | 04/11/2009   | 18.20        |                                   | Continued.        | Land Sliding at Loc.No 78 at Borgaon,Tal-Wani.              |
| Parli-Lonikand - II                  | 16/11/2009   | 09:02        |                                   | Continued.        | H/T for controlling line loading of Chandrapur-Parali Lines |
| Kolhapur-Karad -I                    | 19/11/2009   | 23.50        | 20/11/2009                        | 08.45             | H/T for O/V.                                                |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 20/Nov/2009**

Position as on 6.30 Hrs of 21/Nov/2009

| Name of Line                       | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                  |
|------------------------------------|--------------|--------------|---------------------------------|--------------------|-----------------------------------|
| Karad-Kolhapur-II                  | 20/11/2009   | 22.48        |                                 | Continued.         | H/T for O/V                       |
| <b>Voltage Level : 132KV</b>       |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                   |
| Chikhali - Khamgaon                | 06/11/2009   | 11:35        |                                 | Continued.         | To Control Chikhali line loading. |
| Parbhani-Pathari                   | 20/11/2009   | 10.57        | 20/11/2009                      | 11.07              | H/T to control loading on ICT     |
| <b>Voltage Level : 400KV</b>       |              |              | <b>Outage Type TRIPPED</b>      |                    |                                   |
| Koradi-Akola                       | 21/11/2009   | 04.28        |                                 | Continued.         | Over Voltage                      |
| Akola-Bhusawal                     | 21/11/2009   | 04.28        |                                 | Continued.         | Over Voltage                      |
| <b>Voltage Level : 220KV</b>       |              |              | <b>Outage Type TRIPPED</b>      |                    |                                   |
| 220/132KV,100MVA ICT-I at Parbhani | 20/11/2009   | 10.53        | 20/11/2009                      | 11.07              | Tripped during testing work       |
| Bableshwar-Nasik-I                 | 20/11/2009   | 21.18        | 20/11/2009                      | 21.36              | Distance protection               |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 21/Nov/2009

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 80          |
| Unit 2             | 105                   | 70          |
| Unit 3             | 105                   | 0           |
| Unit 4             | 105                   | 50          |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 150         |
| Unit 7             | 210                   | 150         |
|                    | <b>1040</b>           | <b>650</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 45          |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 190         |
|                    | <b>478</b>            | <b>395</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 25          |
| Unit 2             | 30                    | 25          |
| Unit 3             | 210                   | 140         |
| Unit 4             | 210                   | 165         |
| Unit 5             | 210                   | 170         |
| Unit 6             | 250                   | 0           |
|                    | <b>940</b>            | <b>525</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 150         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 250         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1620</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 0           |
| Unit 3             | 250                   | 200         |
|                    | <b>305</b>            | <b>200</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 210         |
|                    | <b>840</b>            | <b>390</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 80          |
| Unit 2             | 120                   | 80          |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 210                   | 160         |
|                    | <b>870</b>            | <b>680</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 610         |
|                    | <b>852</b>            | <b>610</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                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 34          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 15          |
| BHANDARDRA        | 45                    | 32          |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 9           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>230</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                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 2654        |
|                   | <b>3143</b>           | <b>2654</b> |