



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**27/Nov/2009**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 27/Nov/2009 FRIDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 110.578        | 2923.381        | 1) Madhya Pradesh              | 62.167         | 1636.362        |
| 2) Hydro                 | 15.518         | 379.295         | 2) Gujrat                      | -0.647         | 210.498         |
| 3) Gas                   | 15.586         | 390.261         | 3) Goa                         | -6.369         | -167.018        |
| <b>Total MSGENCO</b>     | <b>141.682</b> | <b>3692.937</b> | 4) TAPS 1&2 (Inj.)             | 6.165          | 195.357         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.125         | -0.941          |
| 1) RGPPL Gas             | 22.795         | 599.482         | <b># Total Cent. Sector</b>    | <b>61.191</b>  | <b>1874.258</b> |
| 2) Wind Generation       | 2.449          | 121.917         | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 0.125          | 11.449          | 1) With TPCL                   | -4.299         | -140.574        |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 27.299         | 805.574         | 1) MSEDCL Bilateral            | 2.507          | 90.513          |
| 2) TPCL Hydro            | 5.658          | 110.642         | Include PX                     | 0.000          | 7.152           |
| <b>TOTAL TPCL</b>        | <b>32.957</b>  | <b>916.216</b>  | 2) MUMBAI Bilateral            | 5.191          | 159.643         |
| 3) REL Thermal           | 12.686         | 239.553         | Include PX                     | 0.638          | 21.362          |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | 5.191          | 164.753         |
| 1) Thermal (A1+C1+C3)    | 150.563        | 3968.508        | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 21.301         | 501.386         | 1) MSEDCL                      | 223.943        | 6159.469        |
| 3) Gas (A3+B1)           | 38.381         | 989.743         | 2) TPCL                        | 32.911         | 857.441         |
| 4) Wind (B2)             | 2.449          | 121.917         | 3) REL                         | 17.024         | 438.847         |
| <b>TOTAL STATE</b>       | <b>212.694</b> | <b>5581.554</b> | <b>TOTAL STATE</b>             | <b>273.878</b> | <b>7455.757</b> |

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

| PARTICULARS                                                                | A. Morning Peak at 12 Hrs | B. Evening Peak at 19 Hrs | C. Night Minimum at 3 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 4569                      | 4790                      | 4444                      |
| MSGENCO Hydro                                                              | 928                       | 1066                      | 553                       |
| MSGENCO Gas                                                                | 642                       | 653                       | 640                       |
| <b>MSGENCO Total Generation</b>                                            | <b>6139</b>               | <b>6509</b>               | <b>5637</b>               |
| Central Sector Receipt                                                     | 2411                      | 2836                      | 2221                      |
| RGPPL                                                                      | 945                       | 950                       | 958                       |
| WIND                                                                       | 134                       | 117                       | 85                        |
| Exchange with TPCL                                                         | -394                      | -409                      | 7                         |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>9261</b>               | <b>10030</b>              | <b>8908</b>               |
| Load Shedding                                                              | 2361                      | 3075                      | 707                       |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>11622</b>              | <b>13105</b>              | <b>9615</b>               |
| TPCL GENERATION                                                            | 1669                      | 1662                      | 893                       |
| REL GENERATION                                                             | 528                       | 526                       | 530                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2591</b>               | <b>2597</b>               | <b>1416</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>11852</b>              | <b>12627</b>              | <b>10324</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>14213</b>              | <b>15702</b>              | <b>11031</b>              |
| Frequency (Hz)                                                             | 49.85                     | 49.80                     | 50.14                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 2947 MW AT 20.00Hrs       |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 48.25 MUs                 |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.47 Hz at 14.03 Hrs | 49.09 Hz at 22.10 Hrs | 49.79         | 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 27/Nov/2009

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.86        | 48.74         | 87       | 70       | 75       |
| Unit 2           | 0.01        | 20.60         | 14       | 0        | 0        |
| Unit 3           | 1.63        | 30.99         | 78       | 48       | 60       |
| Unit 4           | 1.62        | 34.97         | 81       | 40       | 70       |
| Unit 5           | 3.30        | 77.09         | 149      | 117      | 150      |
| Unit 6           | 3.22        | 86.81         | 152      | 117      | 110      |
| Unit 7           | 3.34        | 90.18         | 150      | 125      | 150      |
|                  | 14.98       | 389.38        |          |          | 615      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.22        | 23.10         | 55       | 43       | 50       |
| Unit 2           | 4.09        | 107.96        | 184      | 156      | 185      |
| Unit 3           | 4.48        | 104.36        | 192      | 180      | 190      |
|                  | 9.79        | 235.44        |          |          | 425      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.56        | 15.16         | 25       | 21       | 20       |
| Unit 2           | 0.55        | 13.82         | 24       | 20       | 20       |
| Unit 3           | 0.02        | 87.55         | 17       | 0        | 0        |
| Unit 4           | 4.35        | 118.39        | 191      | 164      | 185      |
| Unit 5           | 4.13        | 108.74        | 178      | 166      | 170      |
| Unit 6           | 5.42        | 28.88         | 241      | 173      | 220      |
|                  | 15.02       | 372.55        |          |          | 615      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.62        | 101.17        | 154      | 148      | 160      |
| Unit 2           | 3.58        | 89.89         | 162      | 133      | 160      |
| Unit 3           | 3.69        | 82.34         | 189      | 139      | 200      |
| Unit 4           | 3.87        | 103.30        | 196      | 140      | 210      |
| Unit 5           | 9.27        | 193.58        | 444      | 353      | 450      |
| Unit 6           | 0.37        | 216.73        | 172      | 0        | 0        |
| Unit 7           | 9.15        | 233.05        | 429      | 346      | 450      |
|                  | 33.55       | 1020.04       |          |          | 1630     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.00        | 0.27          | 0        | 0        | 0        |
| Unit 3           | 5.04        | 129.32        | 226      | 199      | 210      |
|                  | 5.04        | 129.59        |          |          | 210      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.38        | 99.68         | 188      | 171      | 180      |
| Unit 2           | 4.55        | 89.39         | 195      | 181      | 190      |
| Unit 3           | 4.75        | 31.26         | 211      | 188      | 210      |
| Unit 4           | 5.05        | 125.93        | 216      | 198      | 210      |
|                  | 18.72       | 346.26        |          |          | 790      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.16        | 51.95         | 97       | 84       | 90       |
| Unit 2           | 2.21        | 50.46         | 98       | 85       | 90       |
| Unit 3           | 4.64        | 121.00        | 199      | 186      | 190      |
| Unit 4           | 4.48        | 109.29        | 194      | 178      | 180      |
| Unit 5           | 0.00        | 97.43         | 0        | 0        | 0        |
|                  | 13.48       | 430.13        |          |          | 550      |
| Uran             |             |               |          |          |          |
| All Units        | 15.59       | 390.26        | 675      | 631      | 620      |
|                  | 15.59       | 390.26        |          |          | 620      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.94        | 54.68         | 280      | 35       | 600      |
| Stage 4          | 9.79        | 204.57        | 668      | 136      | 250      |
| Koyna 12&4 Total | 11.74       | 259.26        |          |          | 850      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 2.06         | 54.53         | 142      | 76       | 320         |
|                   | <b>13.80</b> | <b>313.79</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         | 11.78         | 59       | 0        | 60          |
| BHTGR/VEER        | 0.65         | 20.92         | 27       | 27       | 27          |
| BHIRA T.R.        | 0.27         | 6.52          | 83       | 0        | 80          |
| RNGR+BHTSA        | 0.35         | 8.50          | 15       | 13       | 15          |
| BHANDARDRA        | 0.00         | 5.68          | 0        | 0        | 30          |
| ELDARY            | 0.00         | 0.00          | 0        | 0        | 0           |
| PAITHAN           | 0.06         | 1.42          | 10       | 0        | 10          |
| GHATGHAR          | 0.00         | 7.05          | 0        | 0        | 0           |
|                   | <b>1.72</b>  | <b>65.51</b>  |          |          | <b>222</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.12         | 11.45         | 27       | 0        |             |
|                   | <b>0.12</b>  | <b>11.45</b>  |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.06         | 8.39          |          |          |             |
| Vankuswadi        | 0.26         | 19.18         |          |          |             |
| ATIT              | 0.04         | 4.60          |          |          |             |
| Kale              | 0.09         | 7.53          |          |          |             |
| Satara            | 0.11         | 7.56          |          |          |             |
| Shirala           | 0.06         | 6.47          |          |          |             |
| K Mahankal        | 0.03         | 5.28          |          |          |             |
| Supa              | 0.04         | 2.08          |          |          |             |
| Vita              | 0.61         | 22.36         |          |          |             |
| Dondaicha         | 0.70         | 18.29         |          |          |             |
| Sakri             | 0.09         | 2.64          |          |          |             |
| Nandurbar         | 0.08         | 1.76          |          |          |             |
| Khadakale         | 0.16         | 8.73          |          |          |             |
| Khaparale         | 0.12         | 7.05          |          |          |             |
|                   | <b>2.45</b>  | <b>121.92</b> |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 22.80        | 599.48        | 958      | 934      | 900         |
| RGPP L III        | 0.00         | 0.00          | 0        | 0        |             |
|                   | <b>22.80</b> | <b>599.48</b> |          |          | <b>900</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 2.73         | 22.80         | 123      | 101      | 120         |
| Trombay 5         | 10.73        | 266.66        | 450      | 410      | 500         |
| Trombay 6         | 9.58         | 258.20        | 480      | 150      | 500         |
| Trombay 7A        | 2.70         | 75.35         | 124      | 96       | 120         |
| Trombay 7B        | 1.56         | 42.77         | 69       | 60       | 60          |
| Trombay 8         | 0.00         | 139.79        | 0        | 0        | 0           |
| TATA Hydro        | 5.66         | 110.64        | 463      | 0        | 447         |
|                   | <b>32.96</b> | <b>916.22</b> |          |          | <b>1747</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.69        | 239.55        | 531      | 526      | 500         |
|                   | <b>12.69</b> | <b>239.55</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 2883        |
|                   |              |               |          |          | <b>2883</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 110.58        | 2923.38        |  | 4835         |
|                    | Thml+Gas | 126.16        | 3313.64        |  | 5455         |
|                    | Hydro    | 15.52         | 379.30         |  | 1392         |
|                    | Total    | 141.68        | 3692.94        |  | 6847         |
| <b>State Total</b> |          | <b>212.69</b> | <b>5581.55</b> |  | <b>12877</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 27/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                  | 4494        | 457   | 659   | 5610   | 956   | 61   | 2434        | 2405        | -39    | 2     | 9034                    | 693             | 9727                        | 1618             | 11345                    | 49.91         |
| 2                  | 4450        | 463   | 650   | 5563   | 957   | 78   | 2434        | 2428        | -39    | 5     | 9031                    | 703             | 9734                        | 1478             | 11212                    | 50.11         |
| 3                  | 4444        | 553   | 640   | 5637   | 958   | 85   | 2434        | 2221        | -39    | 7     | 8908                    | 707             | 9615                        | 1416             | 11031                    | 50.14         |
| 4                  | 4484        | 378   | 632   | 5494   | 958   | 96   | 2434        | 2362        | -39    | -2    | 8908                    | 918             | 9826                        | 1385             | 11211                    | 50.02         |
| 5                  | 4490        | 417   | 632   | 5539   | 958   | 107  | 2420        | 2707        | -39    | 12    | 9323                    | 988             | 10311                       | 1381             | 11692                    | 49.96         |
| 6                  | 4528        | 714   | 636   | 5878   | 957   | 119  | 2420        | 2793        | -39    | 13    | 9760                    | 1443            | 11203                       | 1481             | 12684                    | 49.72         |
| 7                  | 4532        | 581   | 675   | 5788   | 957   | 138  | 2420        | 2399        | -39    | 6     | 9288                    | 2484            | 11772                       | 1646             | 13418                    | 49.58         |
| 8                  | 4576        | 578   | 675   | 5829   | 958   | 162  | 2620        | 2381        | -39    | 7     | 9337                    | 2597            | 11934                       | 1731             | 13665                    | 49.65         |
| 9                  | 4587        | 484   | 668   | 5739   | 951   | 137  | 2588        | 2486        | -43    | 10    | 9323                    | 2497            | 11820                       | 1904             | 13724                    | 49.37         |
| 10                 | 4583        | 511   | 660   | 5754   | 946   | 136  | 2825        | 2481        | -280   | -230  | 9087                    | 2489            | 11576                       | 2252             | 13828                    | 49.44         |
| 11                 | 4600        | 956   | 646   | 6202   | 940   | 132  | 2962        | 2656        | -327   | -318  | 9612                    | 2104            | 11716                       | 2488             | 14204                    | 49.53         |
| 12                 | 4569        | 928   | 642   | 6139   | 945   | 134  | 3035        | 2411        | -398   | -394  | 9261                    | 2361            | 11622                       | 2591             | 14213                    | 49.85         |
| 13                 | 4602        | 779   | 631   | 6012   | 937   | 90   | 3030        | 2540        | -374   | -343  | 9259                    | 2366            | 11625                       | 2533             | 14158                    | 49.70         |
| 14                 | 4610        | 789   | 635   | 6034   | 942   | 77   | 2881        | 2729        | -303   | -274  | 9508                    | 2279            | 11787                       | 2471             | 14258                    | 49.93         |
| 15                 | 4588        | 781   | 633   | 6002   | 935   | 64   | 2864        | 2350        | -327   | -300  | 9051                    | 2521            | 11572                       | 2503             | 14075                    | 49.79         |
| 16                 | 4584        | 825   | 635   | 6044   | 934   | 48   | 2864        | 2608        | -327   | -302  | 9332                    | 2202            | 11534                       | 2503             | 14037                    | 49.68         |
| 17                 | 4601        | 678   | 643   | 5922   | 941   | 80   | 2820        | 2742        | -280   | -257  | 9428                    | 2567            | 11995                       | 2468             | 14463                    | 49.67         |
| 18                 | 4749        | 628   | 652   | 6029   | 946   | 72   | 2756        | 2538        | -327   | -308  | 9292                    | 2789            | 12081                       | 2518             | 14599                    | 49.69         |
| 19                 | 4790        | 1066  | 653   | 6509   | 950   | 117  | 3036        | 2836        | -421   | -409  | 10030                   | 3075            | 13105                       | 2597             | 15702                    | 49.80         |
| 20                 | 4774        | 871   | 657   | 6302   | 950   | 119  | 2833        | 2852        | -351   | -333  | 9917                    | 3167            | 13084                       | 2537             | 15621                    | 49.78         |
| 21                 | 4776        | 713   | 662   | 6151   | 954   | 109  | 2705        | 2858        | -280   | -221  | 9858                    | 2915            | 12773                       | 2348             | 15121                    | 49.95         |
| 22                 | 4801        | 397   | 662   | 5860   | 954   | 104  | 2636        | 2656        | -280   | -224  | 9350                    | 2928            | 12278                       | 2206             | 14484                    | 49.98         |
| 23                 | 4752        | 492   | 652   | 5896   | 954   | 93   | 2639        | 2335        | -280   | -221  | 9057                    | 2259            | 11316                       | 2005             | 13321                    | 49.72         |
| 24                 | 4614        | 479   | 656   | 5749   | 957   | 91   | 2657        | 2417        | -280   | -225  | 8989                    | 1719            | 10708                       | 1882             | 12590                    | 50.07         |
| MUs                | 110.58      | 15.52 | 15.59 | 141.68 | 22.79 | 2.45 | 64.75       | 61.19       | -5.19  | -4.30 | 223.94                  | 50.77           | 274.71                      | 49.94            | 324.66                   | 49.79         |

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 27/Nov/2009**

Position as on 6.30 Hrs of 28/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    |
| Tata Trombay 8          | 250      | 25/11/2009   | 00:35        |            | Continued. | Performance Guarantee Test              | 10/12/2009    |
| Nasik Unit 5            | 210      | 25/11/2009   | 01:50        |            | Continued. | AOH                                     | 17/12/2009    |
| <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 TARAPUR-4     | 540      | 20/11/2009   | 13.54        | 27/11/2009 | 15.01      | Generator protection                    |               |
| Chandrapur Unit 6       | 500      | 26/11/2009   | 02.11        | 27/11/2009 | 21.08      | Boiler Tube Leakage.                    |               |
| Parli Unit 3            | 210      | 26/11/2009   | 03.42        | 28/11/2009 | 00.03      | Boiler Tube Leakage.                    |               |
| Khaparkheda Unit 1      | 210      | 28/11/2009   | 21:29        |            | Continued. | Water valve tube leakage.               | 01/12/2009    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 27/Nov/2009**

Position as on 6.30 Hrs of 28/Nov/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>   |                   |                                                             |
| WARDHA-AKOLA-II                      | 24/10/2009   | 16.46        |                                   | Continued.        | H/T due to over voltage                                     |
| Dhule-Sar'Sarovar II                 | 09/11/2009   | 10:48        |                                   | Continued.        | H/T for O/V.                                                |
| Kolhapur-Mapusa Ckt I                | 27/11/2009   | 23.24        | 28/11/2009                        | 10:50             | H/T for over voltage                                        |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                             |
| Tillary-Amona-Phonda                 | 26/11/2009   | 13.00        |                                   | Continued.        | Charged from Tillary end up to Amona                        |
| <b>IntraState</b>                    |              |              |                                   |                   |                                                             |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                             |
| Chandrapur-parli - III               | 26/11/2009   | 06.44        |                                   | Continued.        | Dieversion work of 400 KV C'pur-Parli D/C line for WCL.     |
| 400 KV TBC at N'Thane.               | 28/11/2009   | 10:05        | 28/11/2009                        | 13:15             | Attending hot spot.                                         |
| <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                                                 |
| 220/132 KV 150 MVA ICT @ Amravati    | 22/11/2009   | 09:26        |                                   | Continued.        | Augmentation of 150 MVA ICT by 200 MVA ICT and other Works. |
| 220/132 KV 150 MVA ICT-I at Dhule    | 23/11/2009   | 11:30        |                                   | Continued.        | Main C.B. Replacement work, ICT H V side on TBC.            |
| KDPH-Wankuswadi                      | 23/11/2009   | 15:00        |                                   | Continued.        | Taken on TBC for Breaker replacement.                       |
| Kalwa - Khargar                      | 27/11/2009   | 08.50        | 27/11/2009                        | 19.28             | L.A.replacement                                             |
| Temghar-Colourchem                   | 27/11/2009   | 09.25        | 27/11/2009                        | 17.03             | To attend Red Hot Clamp                                     |
| Karad-Wathar                         | 27/11/2009   | 09.44        | 27/11/2009                        | 15.58             | Breaker problem                                             |
| Padgha-Jambhul                       | 27/11/2009   | 10.02        | 27/11/2009                        | 20.57             | To attend Red Hot Clamp                                     |
| 220/100KV,125MVA ICT-III at Borivali | 27/11/2009   | 10.02        |                                   | Continued.        | Pannel Shifting                                             |
| Boiser-PGCIL-I                       | 27/11/2009   | 10.42        | 27/11/2009                        | 17.36             | Bay Maintenance                                             |
| 220/132 KV,100 MVA T/F-II @ Malegaon | 27/11/2009   | 12.45        | 27/11/2009                        | 14.20             | To attend B phase C.T.Oil Leakage                           |
| Dondaicha - Suzlon - I               | 28/11/2009   | 14.00        | 28/11/2009                        | 17.00             | C.T.Testing Work.                                           |
| Dondaicha - Suzlon - II              | 28/11/2009   | 17.02        | 28/11/2009                        | 19.02             | C.T.Testing Work.                                           |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                             |
| Bhandara-Tekepar                     | 29/10/2009   | 09.13        | 27/11/2009                        | 16.54             | Breaker Replacement.                                        |
| Solapur - Ujani                      | 20/11/2009   | 09.40        |                                   | Continued.        | Breaker replacement                                         |
| Chalisgaon - Kannad                  | 27/11/2009   | 10.36        | 27/11/2009                        | 16.58             | Insulator replacement                                       |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                             |
| 220/132KV 100MVA IBT at Parli.       | 22/11/2009   | 22:17        |                                   | Continued.        | Compressor Problem.                                         |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                             |
| C'pur-Parli II                       | 04/11/2009   | 18.20        |                                   | Continued.        | Land Sliding at Loc.No 78 at Borgaon, Tal-Wani.             |
| Parli-Lonikand - II                  | 26/11/2009   | 10.39        |                                   | Continued.        | Charged from Parli end.                                     |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                             |
| Wardha-Badnera                       | 26/11/2009   | 19.12        | 27/11/2009                        | 18.34             | H/T to load Akola ICT.                                      |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                             |
| Chikhali - Khamgaon                  | 06/11/2009   | 11:35        |                                   | Continued.        | To Control Chikhali line loading.                           |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                             |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 27/Nov/2009**

Position as on 6.30 Hrs of 28/Nov/2009

| Name of Line                            | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                     |
|-----------------------------------------|--------------|--------------|-----------------------------------|--------------------|--------------------------------------|
| Chandrapur - Bhadravati-IV              | 23/11/2009   | 15:49        |                                   | Continued.         | Bus bar Protection Operated.         |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                    |                                      |
| 220/132KV 200MVA ICT-II at Jalna S/Stn. | 23/11/2009   | 19:38        | 28/11/2009                        | 11.40              | Tripped on Diff. Prot.,OLTC Buchhlz. |
| Padgha-Boiser                           | 27/11/2009   | 16.11        | 28/11/2009                        | 12:12              | Distance protection                  |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                    |                                      |
| Malkapur - Bhusawal                     | 28/11/2009   | 16.04        | 28/11/2009                        | 17.05              | Back up Over Current.                |
| 132/11 KV 10 MVA T/F @ Warangaon        | 28/11/2009   | 16.04        | 28/11/2009                        | 16.55              | Tripped.                             |
| Deepnagar - Malkapur                    | 28/11/2009   | 16:04        | 28/11/2009                        | 17:05              | Fire on LV side cable.               |
| <b>null</b>                             |              |              |                                   |                    |                                      |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                      |
| Theur-Chinchwad                         | 27/11/2009   | 12.01        | 27/11/2009                        | 17.46              | Retrofitting work                    |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 28/Nov/2009

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 70          |
| Unit 2             | 105                   | 0           |
| Unit 3             | 105                   | 70          |
| Unit 4             | 105                   | 70          |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 140         |
| Unit 7             | 210                   | 160         |
|                    | <b>1040</b>           | <b>660</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 50          |
| Unit 2             | 210                   | 185         |
| Unit 3             | 210                   | 190         |
|                    | <b>478</b>            | <b>425</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 20          |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 140         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 210                   | 170         |
| Unit 6             | 250                   | 220         |
|                    | <b>940</b>            | <b>760</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>2030</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 0           |
| Unit 3             | 250                   | 210         |
|                    | <b>305</b>            | <b>210</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
|                    | <b>840</b>            | <b>790</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 90          |
| Unit 2             | 120                   | 90          |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 210                   | 0           |
|                    | <b>870</b>            | <b>560</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 635         |
|                    | <b>852</b>            | <b>635</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                    | 27          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 15          |
| BHANDARDRA        | 45                    | 20          |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 10          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>212</b>  |
| <b>PENCH (MS)</b> |                       |             |
| Pench (MS)        | 53                    |             |
|                   | <b>53</b>             |             |
| <b>Wind</b>       |                       |             |
| MalharPeth        | 0                     |             |
| Vankuswadi        | 0                     |             |
| ATIT              | 0                     |             |
| Kale              | 0                     |             |
| Satara            | 0                     |             |
| Shirala           | 0                     |             |
| K Mahankal        | 0                     |             |
| Supa              | 0                     |             |
| Vita              | 0                     |             |
| Dondaicha         | 0                     |             |
| Sakri             | 0                     |             |
| Nandurbar         | 0                     |             |
| Khadakale         | 0                     |             |
| Khaparale         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>Dabhol</b>     |                       |             |
| RGPPPL II         | 960                   | 900         |
| RGPPPL III        | 740                   |             |
|                   | <b>1700</b>           | <b>900</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 50          |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 100         |
| Trombay 7B        | 60                    | 100         |
| Trombay 8         | 250                   | 0           |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1697</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3071        |
|                   | <b>3143</b>           | <b>3071</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17616</b> | 7 of 7 | <b>13620</b> |
|--|--------------|--------|--------------|