



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**25/Feb/2009**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 25/Feb/2009 WEDNESDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 128.404        | 3148.851        | 1) Madhya Pradesh              | 57.532         | 1609.851        |
| 2) Hydro                 | 15.894         | 347.009         | 2) Gujrat                      | 14.035         | 432.791         |
| 3) Gas                   | 14.880         | 363.186         | 3) Goa                         | -6.176         | -142.090        |
| <b>Total MSGENCO</b>     | <b>159.178</b> | <b>3859.046</b> | 4) TAPS 1&2 (Inj.)             | 7.376          | 177.252         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.130         | -0.457          |
| 1) RGPPL Gas             | 13.989         | 197.755         | <b># Total Cent. Sector</b>    | <b>72.637</b>  | <b>2077.347</b> |
| 2) Wind Generation       | 3.707          | 70.684          | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 0.130          | 0.480           | 1) With TPCL                   | -2.733         | -120.676        |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 28.947         | 519.540         | 1) MSEDCL Bilateral            | 9.264          | 257.258         |
| 2) TPCL Hydro            | 3.140          | 102.907         | Include PX                     | 0.518          | 55.704          |
| <b>TOTAL TPCL</b>        | <b>32.087</b>  | <b>622.447</b>  | 2) MUMBAI Bilateral            | 4.264          | 145.286         |
| 3) REL Thermal           | 12.698         | 317.506         | Include PX                     | 0.656          | 26.662          |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | 4.414          | 146.186         |
| 1) Thermal (A1+C1+C3)    | 170.049        | 3985.897        | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 19.164         | 450.396         | 1) MSEDCL                      | 246.908        | 6085.116        |
| 3) Gas (A3+B1)           | 28.869         | 560.941         | 2) TPCL                        | 31.863         | 703.408         |
| 4) Wind (B2)             | 3.707          | 70.684          | 3) REL                         | 15.653         | 357.870         |
| <b>TOTAL STATE</b>       | <b>221.789</b> | <b>5067.918</b> | <b>TOTAL STATE</b>             | <b>294.424</b> | <b>7146.394</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 2 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 5486                      | 5510                      | 5051                      |
| MSGENCO Hydro                                                              | 529                       | 1399                      | 187                       |
| MSGENCO Gas                                                                | 654                       | 648                       | 505                       |
| <b>MSGENCO Total Generation</b>                                            | <b>6669</b>               | <b>7557</b>               | <b>5743</b>               |
| Central Sector Receipt                                                     | 3589                      | 3221                      | 2426                      |
| RGPPL                                                                      | 621                       | 553                       | 583                       |
| WIND                                                                       | 59                        | 136                       | 230                       |
| Exchange with TPCL                                                         | -351                      | -332                      | 265                       |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>10587</b>              | <b>11160</b>              | <b>9247</b>               |
| Load Shedding                                                              | 4014                      | 3835                      | 1656                      |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>14601</b>              | <b>14995</b>              | <b>10903</b>              |
| TPCL GENERATION                                                            | 1489                      | 1478                      | 1161                      |
| REL GENERATION                                                             | 530                       | 528                       | 529                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2370</b>               | <b>2338</b>               | <b>1425</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>12957</b>              | <b>13498</b>              | <b>10672</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>16971</b>              | <b>17333</b>              | <b>12328</b>              |
| Frequency (Hz)                                                             | 49.46                     | 49.17                     | 49.25                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 4424 MW at 14.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 82.71 Mus.                |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 49.77 Hz at 22.59 Hrs | 48.79 Hz at 05.14 Hrs | 49.21         | 15.82 % 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 25/Feb/2009

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.54        | 39.70         | 78       | 43       | 70       |
| Unit 2           | 1.75        | 43.33         | 86       | 50       | 50       |
| Unit 3           | 1.66        | 7.63          | 86       | 44       | 50       |
| Unit 4           | 0.00        | 33.87         | 0        | 0        | 0        |
| Unit 5           | 3.96        | 101.01        | 195      | 136      | 170      |
| Unit 6           | 0.00        | 25.94         | 0        | 0        | 0        |
| Unit 7           | 4.02        | 105.41        | 200      | 125      | 150      |
|                  | 12.93       | 356.88        |          |          | 490      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.24        | 16.34         | 57       | 48       | 50       |
| Unit 2           | 3.05        | 67.01         | 190      | 0        | 0        |
| Unit 3           | 4.16        | 105.35        | 196      | 0        | 195      |
|                  | 8.45        | 188.69        |          |          | 245      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.53        | 12.95         | 23       | 21       | 20       |
| Unit 2           | 0.61        | 14.40         | 26       | 23       | 20       |
| Unit 3           | 3.88        | 96.14         | 178      | 149      | 160      |
| Unit 4           | 3.81        | 99.59         | 178      | 137      | 160      |
| Unit 5           | 3.86        | 81.44         | 187      | 143      | 160      |
| Unit 6           | 5.70        | 130.39        | 255      | 137      | 230      |
|                  | 18.38       | 434.90        |          |          | 750      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 4.04        | 90.70         | 175      | 160      | 170      |
| Unit 2           | 3.96        | 103.21        | 169      | 162      | 165      |
| Unit 3           | 5.08        | 108.61        | 212      | 210      | 210      |
| Unit 4           | 4.70        | 114.57        | 198      | 194      | 195      |
| Unit 5           | 11.14       | 242.46        | 495      | 437      | 470      |
| Unit 6           | 9.68        | 244.54        | 450      | 375      | 450      |
| Unit 7           | 10.97       | 225.72        | 478      | 393      | 475      |
|                  | 49.58       | 1129.80       |          |          | 2135     |
| Paras            |             |               |          |          |          |
| Unit 2           | 1.05        | 23.76         | 50       | 35       | 55       |
| Unit 3           | 5.04        | 113.10        | 220      | 188      | 220      |
|                  | 6.09        | 136.86        |          |          | 275      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.80        | 118.90        | 205      | 195      | 200      |
| Unit 2           | 4.70        | 115.27        | 202      | 183      | 190      |
| Unit 3           | 4.78        | 117.62        | 212      | 170      | 180      |
| Unit 4           | 4.47        | 118.17        | 208      | 158      | 160      |
|                  | 18.76       | 469.96        |          |          | 730      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.28        | 50.30         | 101      | 90       | 95       |
| Unit 2           | 2.27        | 46.88         | 98       | 86       | 95       |
| Unit 3           | 0.00        | 109.29        | 0        | 0        | 0        |
| Unit 4           | 4.89        | 120.79        | 211      | 192      | 200      |
| Unit 5           | 4.78        | 104.48        | 209      | 184      | 200      |
|                  | 14.22       | 431.74        |          |          | 590      |
| Uran             |             |               |          |          |          |
| All Units        | 14.88       | 363.19        | 676      | 505      | 600      |
|                  | 14.88       | 363.19        |          |          | 600      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.75        | 59.92         | 330      | 40       | 530      |
| Stage 4          | 6.97        | 136.59        | 835      | 0        | 250      |
| Kovna 12&4 Total | 9.72        | 196.51        |          |          | 780      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 1.73         | 41.53         | 160      | 0        | 320         |
|                   | <b>11.45</b> | <b>238.04</b> |          |          | <b>1100</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.00         | 10.33         | 0        | 0        | 0           |
| VTRNA             | 1.46         | 31.55         | 61       | 61       | 60          |
| TILLARI           | 0.38         | 9.80          | 60       | 0        | 60          |
| BHTGR/VEER        | 0.76         | 29.69         | 32       | 31       | 55          |
| BHIRA T.R.        | 0.17         | 5.99          | 44       | 0        | 80          |
| RNGR+BHTSA        | 0.32         | 8.55          | 14       | 13       | 15          |
| BHANDARDRA        | 0.76         | 3.38          | 32       | 31       | 15          |
| ELDARY            | 0.23         | 0.80          | 15       | 0        | 0           |
| PAITHAN           | 0.00         | 1.21          | 0        | 0        | 0           |
| GHATGHAR          | 0.36         | 7.68          | 125      | 0        | 0           |
|                   | <b>4.45</b>  | <b>108.97</b> |          |          | <b>285</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.13         | 0.48          | 25       | 0        |             |
|                   | <b>0.13</b>  | <b>0.48</b>   |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.13         | 3.22          |          |          |             |
| Vankuswadi        | 0.30         | 7.42          |          |          |             |
| ATIT              | 0.04         | 0.95          |          |          |             |
| Kale              | 0.07         | 2.63          |          |          |             |
| Satara            | 0.14         | 3.04          |          |          |             |
| Shirala           | 0.10         | 2.40          |          |          |             |
| K Mahankal        | 0.01         | 0.49          |          |          |             |
| Supa              | 0.13         | 1.84          |          |          |             |
| Vita              | 0.47         | 14.75         |          |          |             |
| Dondaicha         | 1.52         | 20.27         |          |          |             |
| Sakri             | 0.26         | 4.36          |          |          |             |
| Nandurbar         | 0.24         | 2.92          |          |          |             |
| Khadakale         | 0.26         | 5.14          |          |          |             |
| Khaparale         | 0.02         | 1.26          |          |          |             |
|                   | <b>3.71</b>  | <b>70.68</b>  |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 13.99        | 197.76        | 634      | 528      | 300         |
| RGPP L III        | 0.00         | 0.00          | 0        | 0        |             |
|                   | <b>13.99</b> | <b>197.76</b> |          |          | <b>300</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 2.60         | 65.90         | 120      | 100      | 140         |
| Trombay 5         | 12.12        | 301.45        | 505      | 505      | 500         |
| Trombay 6         | 11.82        | 69.72         | 510      | 450      | 500         |
| Trombay 7A        | 2.41         | 58.35         | 111      | 78       | 100         |
| Trombay 7B        | 0.00         | 24.13         | 0        | 0        | 0           |
| TATA Hydro        | 3.14         | 102.91        | 272      | 2        | 447         |
|                   | <b>32.09</b> | <b>622.45</b> |          |          | <b>1687</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.70        | 317.51        | 531      | 528      | 500         |
|                   | <b>12.70</b> | <b>317.51</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 3161        |
|                   |              |               |          |          | <b>3161</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 128.40        | 3148.85        |  | 5215         |
|                    | Thml+Gas | 143.28        | 3512.04        |  | 5815         |
|                    | Hydro    | 15.89         | 347.01         |  | 1385         |
|                    | Total    | 159.18        | 3859.05        |  | 7200         |
| <b>State Total</b> |          | <b>221.79</b> | <b>5067.92</b> |  | <b>12848</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 25/Feb/2009

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL  | RGPPL | WIND | CS<br>SHARE | CS<br>RECPT | TPCL<br>SCH. | TPCL<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | # LOAD<br>SHED. | MSEDCL<br>DEMAND<br>WITH LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM.<br>WITH LS | FREQ.<br>(Hz) |
|--------------------|-------------|-------|-------|--------|-------|------|-------------|-------------|--------------|----------------------|-------------------------|-----------------|-----------------------------|-------------------------|--------------------------|---------------|
|                    | THM         | HY    | GAS   |        |       |      |             |             |              |                      |                         |                 |                             |                         |                          |               |
| 1                  | 5005        | 201   | 505   | 5711   | 582   | 231  | 2726        | 2577        | -6           | 61                   | 9162                    | 1627            | 10789                       | 1647                    | 12436                    | 49.27         |
| 2                  | 5051        | 187   | 505   | 5743   | 583   | 230  | 2538        | 2426        | 188          | 265                  | 9247                    | 1656            | 10903                       | 1425                    | 12328                    | 49.25         |
| 3                  | 5142        | 207   | 506   | 5855   | 584   | 228  | 2493        | 2468        | 235          | 316                  | 9451                    | 1751            | 11202                       | 1351                    | 12553                    | 49.27         |
| 4                  | 5121        | 222   | 526   | 5869   | 584   | 227  | 2448        | 2539        | 285          | 366                  | 9585                    | 1844            | 11429                       | 1303                    | 12732                    | 49.20         |
| 5                  | 5166        | 202   | 546   | 5914   | 585   | 273  | 2449        | 2525        | 285          | 366                  | 9663                    | 2614            | 12277                       | 1302                    | 13579                    | 49.30         |
| 6                  | 5233        | 357   | 661   | 6251   | 610   | 255  | 2511        | 2562        | 188          | 265                  | 9943                    | 2898            | 12841                       | 1402                    | 14243                    | 49.09         |
| 7                  | 5353        | 227   | 670   | 6250   | 632   | 234  | 2678        | 2477        | -3           | 65                   | 9658                    | 3945            | 13603                       | 1601                    | 15204                    | 49.10         |
| 8                  | 5480        | 196   | 676   | 6352   | 634   | 182  | 2981        | 2601        | 58           | 128                  | 9897                    | 4309            | 14206                       | 1645                    | 15851                    | 49.22         |
| 9                  | 5504        | 235   | 674   | 6413   | 628   | 100  | 3083        | 3122        | -83          | -23                  | 10240                   | 4191            | 14431                       | 1857                    | 16288                    | 49.17         |
| 10                 | 5498        | 419   | 642   | 6559   | 625   | 74   | 3386        | 3370        | -357         | -295                 | 10333                   | 4396            | 14729                       | 2198                    | 16927                    | 49.35         |
| 11                 | 5486        | 529   | 654   | 6669   | 621   | 59   | 3479        | 3589        | -414         | -351                 | 10587                   | 4014            | 14601                       | 2370                    | 16971                    | 49.46         |
| 12                 | 5395        | 821   | 638   | 6854   | 614   | 61   | 3490        | 3546        | -477         | -413                 | 10662                   | 4093            | 14755                       | 2437                    | 17192                    | 49.26         |
| 13                 | 5463        | 1070  | 626   | 7159   | 608   | 68   | 3484        | 3439        | -477         | -414                 | 10860                   | 3930            | 14790                       | 2391                    | 17181                    | 49.17         |
| 14                 | 5432        | 1068  | 629   | 7129   | 598   | 100  | 3344        | 3334        | -376         | -312                 | 10849                   | 3875            | 14724                       | 2292                    | 17016                    | 49.25         |
| 15                 | 5413        | 939   | 626   | 6978   | 577   | 117  | 3381        | 3378        | -428         | -363                 | 10687                   | 3770            | 14457                       | 2382                    | 16839                    | 49.28         |
| 16                 | 5427        | 717   | 627   | 6771   | 562   | 120  | 3381        | 3330        | -428         | -367                 | 10416                   | 4028            | 14444                       | 2414                    | 16858                    | 49.17         |
| 17                 | 5492        | 979   | 629   | 7100   | 556   | 137  | 3362        | 3380        | -408         | -346                 | 10827                   | 3914            | 14741                       | 2384                    | 17125                    | 49.16         |
| 18                 | 5461        | 1024  | 637   | 7122   | 551   | 143  | 3395        | 3467        | -397         | -327                 | 10956                   | 3658            | 14614                       | 2311                    | 16925                    | 49.26         |
| 19                 | 5466        | 1123  | 644   | 7233   | 553   | 124  | 3247        | 3242        | -364         | -291                 | 10886                   | 3662            | 14548                       | 2311                    | 16859                    | 49.27         |
| 20                 | 5510        | 1399  | 648   | 7557   | 553   | 136  | 3251        | 3221        | -405         | -332                 | 11160                   | 3835            | 14995                       | 2338                    | 17333                    | 49.17         |
| 21                 | 5521        | 1400  | 652   | 7573   | 553   | 123  | 3195        | 3234        | -338         | -265                 | 11242                   | 3260            | 14502                       | 2241                    | 16743                    | 49.15         |
| 22                 | 5384        | 1091  | 656   | 7131   | 536   | 145  | 3137        | 2950        | -282         | -209                 | 10577                   | 3268            | 13845                       | 2105                    | 15950                    | 49.10         |
| 23                 | 5219        | 812   | 658   | 6689   | 528   | 170  | 3148        | 3094        | -291         | -218                 | 10287                   | 3102            | 13389                       | 2044                    | 15433                    | 49.08         |
| 24                 | 5184        | 469   | 644   | 6297   | 532   | 172  | 2838        | 2766        | -119         | -39                  | 9736                    | 2480            | 12216                       | 1767                    | 13983                    | 49.04         |
| MUs                | 128.41      | 15.89 | 14.88 | 159.18 | 13.99 | 3.71 | 73.42       | 72.64       | -4.41        | -2.73                | 246.91                  | 80.12           | 327.03                      | 47.52                   | 374.55                   | 49.21         |

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)  
# Without Applying Load Diversity Factor

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 25/Feb/2009**

Position as on 6.30 Hrs of 26/Feb/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 KARPR2        | 220      | 03/02/2009   | 00.24        |            | Continued. | Bi-Annual overhaul work                 | 10/03/2009    |
| Koradi Unit 6           | 210      | 08/02/2009   | 02.11        |            | Continued. | ANNUAL MAINT. WORK                      | 15/03/2009    |
| Koyna Unit 4            | 75       | 21/02/2009   | 08.00        | 25/02/2009 | 18.30      | Turbine Part Leakages                   |               |
| Cent_Sect TARAPUR-3     | 540      | 22/02/2009   | 20.38        |            | Continued. | Outage                                  | 28/02/2009    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Dabhol 2A               | 230      | 19/01/2008   | 02.40        |            | Continued. | Tripped                                 | 01/07/2009    |
| Uran Unit 4             | 60       | 01/04/2008   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Uran Unit 2             | 60       | 04/10/2008   | 19.00        |            | Continued. | Gas Restriction                         |               |
| Uran Unit 3             | 60       | 23/10/2008   | 06.40        |            | Continued. | Gas Restriction                         |               |
| Dabhol 3A               | 230      | 08/11/2008   | 13.45        |            | Continued. | Exhaust temp.& vibn.high                | 01/06/2009    |
| Dabhol 3B               | 230      | 19/11/2008   | 19.55        |            | Continued. | W/dn                                    | 31/03/2009    |
| Dabhol 3X               | 290      | 19/11/2008   | 19.58        |            | Continued. | W/dn                                    | 31/03/2009    |
| Dabhol 1B               | 230      | 22/01/2009   | 12.05        |            | Continued. | BHMS Installation work                  | 10/03/2009    |
| Tata Trombay 7B         | 60       | 21/02/2009   | 03:58        |            | Continued. | Stator Winding Prob.                    | 28/02/2009    |
| Koradi Unit 4           | 115      | 22/02/2009   | 06.38        |            | Continued. | Hydrogen Leakage                        | 28/02/2009    |
| Nasik Unit 3            | 210      | 23/02/2009   | 17.30        | 26/02/2009 | 00.05      | Boiler Tube Leakage                     |               |
| Cent_Sect sipat-5       | 500      | 23/02/2009   | 19.06        | 26/02/2009 | 12.06      | Boiler Tube Leakage                     |               |
| Bhusawal Unit 2         | 210      | 23/02/2009   | 22.05        | 25/02/2009 | 04.30      | Air Heater Prob.                        |               |
| Dabhol 1X               | 290      | 26/02/2009   | 10.55        | 26/02/2009 | 23.17      | DLM Tuning work                         |               |
| Dabhol 1A               | 230      | 26/02/2009   | 11.12        | 26/02/2009 | 17.42      | DLM Tuning work                         |               |
| Parli Unit 4            | 210      | 26/02/2009   | 15.01        |            | Continued. | Furnace Pressure High                   | 28/02/2009    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 25/Feb/2009**

Position as on 6.30 Hrs of 26/Feb/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</b> PLANNED OUTAGE |                   |                                             |
| Kolhapur-Mapusa Ckt I                       | 24/02/2009   | 21.04        | 25/02/2009                        | 08.22             | Relay replacement                           |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                             |
| Kolhapur-Phonda Ckt. I                      | 25/02/2009   | 08.30        | 25/02/2009                        | 17.54             | Outage                                      |
| Kolhapur-Phonda Ckt. I                      | 26/02/2009   | 08.05        | 26/02/2009                        | 18.17             | Outage                                      |
| <b>Voltage Level : 132KV</b>                |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                             |
| Pench - Kanhan                              | 26/02/2009   | 17.25        |                                   | Continued.        | Relay Retrofitting Work                     |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type</b> FORCED OUTAGE  |                   |                                             |
| DHULE-SAR'SAROVAR-I                         | 25/02/2009   | 14.02        |                                   | Continued.        | Relay Testing Work.                         |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                             |
| Dhule-Sar'Sarovar II                        | 25/02/2009   | 00.28        | 25/02/2009                        | 06.50             | H/T FOR O/V                                 |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type</b> TRIPPED        |                   |                                             |
| 220kv 125MVA-1 @ Kalwa                      | 25/02/2009   | 08.54        | 25/02/2009                        | 10.10             | Tripped                                     |
| <b>IntraState</b>                           |              |              |                                   |                   |                                             |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                             |
| Dhule-Bblswr-II                             | 25/02/2009   | 09.38        |                                   | Continued.        | Own Breker Overhauling @ Bblr, Line on TBC. |
| 400/220 KV ICT @ Jejuri                     | 26/02/2009   | 00.13        | 26/02/2009                        | 05.54             | B bus isolator alignment                    |
| 400/220KV ICT-I at Lonikand                 | 26/02/2009   | 09.18        | 26/02/2009                        | 20.12             | Commissioning of Nitrogen injection system  |
| 400KV TBC at Koradi                         | 26/02/2009   | 10.26        | 26/02/2009                        | 18.45             | Q.M. WORK                                   |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                             |
| ICT - III at Harangul                       | 20/12/2008   | 14.53        |                                   | Continued.        | New ICT commissioning work                  |
| C'pur-Sicom-I                               | 25/02/2009   | 11.20        | 25/02/2009                        | 17.31             | Isolator work.                              |
| Talangade-Mudshingi-II                      | 26/02/2009   | 09.35        | 26/02/2009                        | 16.50             | Testing Work                                |
| Parvati-Phursungi                           | 26/02/2009   | 10.34        | 26/02/2009                        | 16.02             | Testing Work                                |
| Aurangabad-Chitegaon-I                      | 26/02/2009   | 11.12        | 26/02/2009                        | 14.26             | Q.M. WORK                                   |
| <b>Voltage Level : 132KV</b>                |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                             |
| Malkapur-Bodwad                             | 25/02/2009   | 09.30        |                                   | Continued.        | Breaker Replacement                         |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type</b> FORCED OUTAGE  |                   |                                             |
| 400/220 KV, 315 MVA ICT-2 Own Br.at N/Koyna | 24/02/2009   | 13.07        | 25/02/2009                        | 15.15             | M.Br.Lock out.ICT on TBC.                   |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type</b> FORCED OUTAGE  |                   |                                             |
| K'gaon-Pirangut                             | 25/02/2009   | 06.50        | 25/02/2009                        | 11.50             | Jumper Replacement work.                    |
| Kalwa-Nasik III                             | 26/02/2009   | 09.20        | 26/02/2009                        | 13.24             | Emergency Outage/Cond.Strained broken.      |
| Apta-Bombay Dyeing                          | 26/02/2009   | 10.25        | 26/02/2009                        | 12.25             | Emergency outage/Compressor problem.        |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                             |
| Parbhani-Pusad                              | 25/02/2009   | 23.37        | 26/02/2009                        | 02.00             | To Control 220KV BhugaonI-Pusad-I Loading.  |
| Theur - Jejuri                              | 26/02/2009   | 08.53        | 26/02/2009                        | 20.36             | To control Lonikand ICT Load.               |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type</b> TRIPPED        |                   |                                             |
| KARAD-KOLHAPUR-II                           | 24/02/2009   | 11.03        | 25/02/2009                        | 07.03             | R Ph Conductor Snapped.                     |
| Dhule - Babhaleshwar - I                    | 25/02/2009   | 09.18        | 25/02/2009                        | 09.28             | Tripped                                     |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type</b> TRIPPED        |                   |                                             |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 25/Feb/2009**

Position as on 6.30 Hrs of 26/Feb/2009

| Name of Line                    | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                   |
|---------------------------------|--------------|--------------|----------------------------|--------------------|------------------------------------|
| Wardha-K'Kheda                  | 24/02/2009   | 12.35        | 25/02/2009                 | 22.15              | Y phase C.T Burst                  |
| KALWA-GHATGHAR                  | 24/02/2009   | 22.47        | 25/02/2009                 | 02.06              | Tripped on Dist.Prot.              |
| Kalwa-Nasik                     | 24/02/2009   | 23.07        | 25/02/2009                 | 01.41              | Tripped on Dist.Prot.              |
| 220/22 KV 50 MVA T/F- I @ Kalwa | 25/02/2009   | 08.54        | 25/02/2009                 | 10.15              | Tripped                            |
| Kalwa-C'chem                    | 25/02/2009   | 08.54        | 25/02/2009                 | 10.12              | Tripped                            |
| Inter Connector @ Kalwa         | 25/02/2009   | 08.54        | 25/02/2009                 | 10.10              | Tripped                            |
| Kalwa-Padgha I                  | 25/02/2009   | 08.54        | 25/02/2009                 | 10.24              | Tripped                            |
| 220 KV Bus @ Kalwa              | 25/02/2009   | 08.54        | 25/02/2009                 | 10.11              | Tripped                            |
| Vita - Lamboti                  | 25/02/2009   | 12.40        | 25/02/2009                 | 13.36              | Distance Protection                |
| Vita - Lamboti                  | 25/02/2009   | 14.10        | 25/02/2009                 | 14.15              | Distance Protection                |
| Vita - Lamboti                  | 25/02/2009   | 14.40        | 25/02/2009                 | 18.45              | Distance Protection                |
| BBLSWR-ANAGAR CKT I             | 26/02/2009   | 12.29        | 26/02/2009                 | 13.03              | Tripped load trimming scheme optd. |
| Bblswr-Anagar Ckt.II            | 26/02/2009   | 13.56        | 26/02/2009                 | 14.12              | Tripped load trimming scheme optd. |
| K'gaon-Lonand                   | 26/02/2009   | 13.56        | 26/02/2009                 | 14.12              | Tripped                            |
| K'gaon-Lonand                   | 26/02/2009   | 14.19        |                            | Continued.         | Tripped                            |
| <b>Voltage Level : 132KV</b>    |              |              | <b>Outage Type TRIPPED</b> |                    |                                    |
| Paras-Malegaon                  | 25/02/2009   | 10.12        | 25/02/2009                 | 10.38              | Distance Protection                |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 26/Feb/2009

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 75          |
| Unit 2             | 105                   | 75          |
| Unit 3             | 105                   | 80          |
| Unit 4             | 105                   | 0           |
| Unit 5             | 200                   | 180         |
| Unit 6             | 210                   | 0           |
| Unit 7             | 210                   | 190         |
|                    | <b>1040</b>           | <b>600</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 50          |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 0           |
|                    | <b>478</b>            | <b>240</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 20          |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 155         |
| Unit 4             | 210                   | 150         |
| Unit 5             | 210                   | 160         |
| Unit 6             | 250                   | 240         |
|                    | <b>940</b>            | <b>745</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 170         |
| Unit 2             | 210                   | 165         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 195         |
| Unit 5             | 500                   | 470         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>2010</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 25          |
| Unit 3             | 250                   | 200         |
|                    | <b>305</b>            | <b>225</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 200         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
|                    | <b>840</b>            | <b>800</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 95          |
| Unit 2             | 120                   | 95          |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 200         |
|                    | <b>870</b>            | <b>790</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 540         |
|                    | <b>852</b>            | <b>540</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                    | 60          |
| BHTGR/VEER        | 21                    | 55          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 18          |
| BHANDARDRA        | 45                    | 30          |
| ELDARY            | 23                    | 10          |
| PAITHAN           | 12                    | 0           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>313</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           | 740                   | 300         |
| RGPL III          | 740                   |             |
|                   | <b>1480</b>           | <b>300</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 50          |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 75          |
| Trombay 7B        | 60                    | 75          |
| TATA Hydro        | 444                   | 297         |
|                   | <b>1774</b>           | <b>1497</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3103        |
|                   | <b>3143</b>           | <b>3103</b> |