



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**28/May/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 28/May/2011 SATURDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 109.019        | 3219.619        | 1) Madhya Pradesh              | 58.040         | 1697.487        |
| 2) Hydro                 | 29.390         | 539.937         | 2) Gujrat                      | 30.223         | 832.298         |
| 3) Gas                   | 15.186         | 425.097         | 3) Goa                         | -7.405         | -196.557        |
| <b>Total MSGENCO</b>     | <b>153.595</b> | <b>4184.653</b> | 4) TAPS 1&2 (Inj.)             | 7.767          | 211.791         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.186         | -3.982          |
| 1) RGPPL Gas             | 31.623         | 967.734         | <b># Total Cent. Sector</b>    | <b>88.439</b>  | <b>2541.037</b> |
| 2) Wind Generation       | 10.615         | 337.249         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                   | 17.061         | 571.975         | 1) With TPCL (Excess)          | -11.876        | -323.358        |
| 4) PENCH (MS)            | 0.186          | 4.166           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 15.505         | 395.552         |
| 1) TPCL Thermal          | 27.919         | 780.045         | Include PX                     | 0.000          | 20.428          |
| 2) TPCL Hydro            | 3.999          | 105.981         | 2) MUMBAI Bilateral            | 11.904         | 346.195         |
| <b>TOTAL TPCL</b>        | <b>31.918</b>  | <b>886.026</b>  | Include PX                     | -0.339         | -12.223         |
| 3) REL Thermal           | 12.486         | 350.060         | 3) MUMBAI Schedule             | 11.904         | 346.195         |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 149.424        | 4349.724        | 1) MSEDCL                      | 289.643        | 8283.456        |
| 2) Hydro (A2+B3+C2)      | 33.575         | 650.084         | 2) TPCL                        | 37.504         | 1030.195        |
| 3) Gas (A3+B1)           | 46.809         | 1392.831        | 3) REL                         | 18.773         | 529.181         |
| 4) Wind (B2)             | 10.615         | 337.249         | <b>TOTAL STATE</b>             | <b>345.920</b> | <b>9842.832</b> |
| 5) CPP (B3)              | 17.061         | 571.975         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>257.484</b> | <b>7301.863</b> |                                |                |                 |

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

| PARTICULARS                      | A. Morning Peak at 12 Hrs | B. Evening Peak at 21 Hrs | C. Night Minimum at 5 Hrs |
|----------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                  | 4236                      | 4420                      | 4773                      |
| MSGENCO Hydro                    | 1899                      | 1954                      | 469                       |
| MSGENCO Gas                      | 620                       | 631                       | 645                       |
| <b>MSGENCO Total Generation</b>  | <b>6755</b>               | <b>7005</b>               | <b>5887</b>               |
| <b>Central Sector Receipt</b>    | <b>4261</b>               | <b>3724</b>               | <b>2909</b>               |
| <b>RGPPL</b>                     | <b>1301</b>               | <b>1312</b>               | <b>1332</b>               |
| <b>WIND</b>                      | <b>298</b>                | <b>360</b>                | <b>734</b>                |
| <b>CPP</b>                       | <b>696</b>                | <b>655</b>                | <b>698</b>                |
| <b>Exchange with Mumbai</b>      | <b>-608</b>               | <b>-607</b>               | <b>-227</b>               |
| <b>MSEDCL DEMAND MET</b>         | <b>12703</b>              | <b>12475</b>              | <b>11333</b>              |
| <b>Load Shedding (LS)</b>        | <b>95</b>                 | <b>0</b>                  | <b>78</b>                 |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>12798</b>              | <b>12475</b>              | <b>11411</b>              |
| <b>TPCL GENERATION</b>           | <b>1620</b>               | <b>1379</b>               | <b>1078</b>               |
| <b>REL GENERATION</b>            | <b>522</b>                | <b>519</b>                | <b>521</b>                |
| <b>TPCL+REL DEMAND</b>           | <b>2750</b>               | <b>2505</b>               | <b>1826</b>               |
| <b>STATE DEMAND MET</b>          | <b>15453</b>              | <b>14980</b>              | <b>13159</b>              |
| <b>Load Management (LM)</b>      | <b>2089</b>               | <b>3377</b>               | <b>1756</b>               |
| <b>Total Load Relief (LS+LM)</b> | <b>2184</b>               | <b>3377</b>               | <b>1834</b>               |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>17637</b>              | <b>18357</b>              | <b>14993</b>              |
| <b>Frequency (Hz)</b>            | <b>49.71</b>              | <b>49.70</b>              | <b>49.88</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.               | MINIMUM FREQ.                | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz     |
|-----------------------------|------------------------------|---------------|-------------------------|
| <b>50.3 Hz at 18.34 Hrs</b> | <b>49.38 Hz at 23.04 Hrs</b> | <b>49.84</b>  | <b>0 % of Time(min)</b> |

\* 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 28/May/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 4.07        | 113.99        | 176      | 160      | 180      |
| Unit 6           | 4.23        | 121.75        | 185      | 157      | 180      |
| Unit 7           | 4.06        | 119.63        | 180      | 155      | 180      |
|                  | 12.35       | 355.38        |          |          | 540      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.28        | 77.76         | 105      | 0        | 0        |
| Unit 3           | 4.36        | 114.20        | 190      | 170      | 190      |
| Unit 4           |             | 0.00          | 0        | 0        |          |
|                  | 4.64        | 191.96        |          |          | 190      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.26        | 83.44         | 152      | 126      | 150      |
| Unit 4           | 3.62        | 87.98         | 160      | 135      | 140      |
| Unit 5           | 3.41        | 82.99         | 158      | 129      | 140      |
| Unit 6           | 0.94        | 108.70        | 106      | 0        | 100      |
| Unit 7           | 2.48        | 102.59        | 126      | 76       | 100      |
|                  | 13.70       | 465.70        |          |          | 630      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.57        | 95.56         | 164      | 134      | 165      |
| Unit 2           | 3.37        | 78.42         | 150      | 130      | 135      |
| Unit 3           | 4.24        | 116.41        | 194      | 130      | 190      |
| Unit 4           | 4.15        | 109.22        | 188      | 145      | 185      |
| Unit 5           | 9.67        | 254.82        | 460      | 335      | 400      |
| Unit 6           | 8.88        | 244.37        | 427      | 270      | 400      |
| Unit 7           | 9.16        | 267.53        | 474      | 290      | 450      |
|                  | 43.06       | 1166.33       |          |          | 1925     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.12        | 112.83        | 224      | 201      | 230      |
| Unit 4           | 0.00        | 74.81         | 0        | 0        | 0        |
|                  | 5.12        | 187.64        |          |          | 230      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 0.00        | 116.66        | 0        | 0        | 0        |
| Unit 2           | 4.39        | 125.02        | 192      | 171      | 200      |
| Unit 3           | 4.38        | 19.32         | 197      | 163      | 200      |
| Unit 4           | 5.00        | 145.19        | 223      | 196      | 210      |
| Unit 5           |             | 0.00          | 0        | 0        |          |
|                  | 13.77       | 406.19        |          |          | 610      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.06        | 54.03         | 93       | 77       | 90       |
| Unit 2           | 2.01        | 39.06         | 90       | 76       | 86       |
| Unit 3           | 4.28        | 117.67        | 195      | 150      | 186      |
| Unit 4           | 4.22        | 119.10        | 195      | 163      | 183      |
| Unit 5           | 3.82        | 116.56        | 180      | 134      | 172      |
|                  | 16.38       | 446.43        |          |          | 717      |
| Uran             |             |               |          |          |          |
| All Units        | 15.19       | 425.10        | 651      | 610      | 640      |
|                  | 15.19       | 425.10        |          |          | 640      |
| Dabhol           |             |               |          |          |          |
| RGPPL            | 31.62       | 967.73        | 1343     | 1294     | 1250     |
|                  | 31.62       | 967.73        |          |          | 1250     |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 6.46        | 127.07        | 535      | 35       | 600      |
| Stage 4          | 16.37       | 247.80        | 1120     | 61       | 250      |
| Stage 3          | 4.65        | 82.58         | 320      | 80       | 320      |
|                  | 27.48       | 457.45        |          |          | 1170     |
| Koyna 12&4 Total | 22.83       | 374.87        |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.37        | 9.47          | 16       | 15       | 16       |
| VTRNA           | 0.00        | 0.00          | 0        | 0        | 0        |
| TILLARI         | 0.00        | 0.00          | 0        | 0        | 0        |
| BHTGR/VEER      | 0.08        | 5.84          | 4        | 3        | 5        |
| BHIRA T.R.      | 0.21        | 5.40          | 77       | 0        | 80       |
| RNGR+BHTSA      | 0.28        | 8.58          | 12       | 11       | 15       |
| BHANDARDRA      | 0.40        | 18.10         | 17       | 16       | 10       |
| ELDARY          | 0.00        | 5.29          | 0        | 0        | 0        |
| SMLHY PTN       | 0.56        | 21.98         | 30       | 20       | 17       |
| GHATGHAR        | 0.00        | 7.85          | 0        | 0        | 0        |
|                 | 1.91        | 82.49         |          |          | 143      |
| PENCH (MS)      |             |               |          |          |          |
| Pench (MS)      | 0.19        | 4.17          | 27       | 0        |          |
|                 | 0.19        | 4.17          |          |          |          |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.29        | 8.32          |          |          |          |
| Vankuswadi      | 0.43        | 21.69         |          |          |          |
| ATIT            | 0.07        | 4.08          |          |          |          |
| Kale            | 0.23        | 7.80          |          |          |          |
| Satara          | 0.10        | 16.78         |          |          |          |
| Shirala         | 0.19        | 7.84          |          |          |          |
| K Mahankal      | 0.63        | 13.04         |          |          |          |
| Supa            | 0.07        | 4.13          |          |          |          |
| Vita            | 0.74        | 34.13         |          |          |          |
| Dondaicha       | 5.20        | 139.88        |          |          |          |
| Sakri           | 1.02        | 24.97         |          |          |          |
| Nandurbar       | 0.50        | 18.68         |          |          |          |
| Khandke         | 0.50        | 17.86         |          |          |          |
| Khaparale       | 0.65        | 18.06         |          |          |          |
|                 | 10.62       | 337.25        |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 5.90        | 229.32        | 277      | 185      | 275      |
| WARDHA          | 6.07        | 214.04        | 333      | 214      | 330      |
| Other CPPs      | 5.09        | 128.31        |          |          |          |
|                 | 17.06       | 571.67        |          |          | 605      |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 11.76       | 324.89        | 490      | 490      | 500      |
| Trombay 6       | 6.02        | 176.34        | 345      | 150      | 500      |
| Trombay 7A      | 2.85        | 80.20         | 121      | 116      | 120      |
| Trombay 7B      | 1.58        | 44.31         | 67       | 65       | 60       |
| Trombay 8       | 5.70        | 154.30        | 250      | 150      | 240      |
| TATA Hydro      | 4.00        | 105.98        | 411      | 0        | 447      |
|                 | 31.92       | 886.03        |          |          | 1867     |
| REL             |             |               |          |          |          |
| 1&2             | 12.49       | 350.06        | 522      | 519      | 500      |
|                 | 12.49       | 350.06        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 3104     |
|                 |             |               |          |          | 3104     |

|                |          |        |         |  |       |
|----------------|----------|--------|---------|--|-------|
| MS<br>PG<br>CL | Thermal  | 109.02 | 3219.62 |  | 4842  |
|                | Thml+Gas | 124.20 | 3644.72 |  | 5482  |
|                | Hydro    | 29.39  | 539.94  |  | 1313  |
|                | Total    | 153.60 | 4184.65 |  | 6795  |
| State Total    |          | 257.48 | 7301.86 |  | 14121 |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/May/2011

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL  | RGPPL | WIND  | CPP   | CS<br>SHARE | CS<br>RECPT | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | # LOAD<br>RELEIF<br>(LS+LM) | MSEDCL<br>DEMAN<br>D WITH<br>LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM.<br>WITH<br>LS+LM | FREQ.<br>(Hz) |
|--------------------|-------------|-------|-------|--------|-------|-------|-------|-------------|-------------|--------------|----------------------|-------------------------|-----------------------------|---------------------------------|-------------------------|--------------------------------|---------------|
|                    | THM         | HY    | GAS   |        |       |       |       |             |             |              |                      |                         |                             |                                 |                         |                                |               |
| 1                  | 4742        | 1010  | 642   | 6394   | 1320  | 477   | 799   | 2949        | 3195        | -696         | -668                 | 11542                   | 1884                        | 11542                           | 2305                    | 15731                          | 49.79         |
| 2                  | 4769        | 913   | 644   | 6326   | 1328  | 712   | 734   | 2798        | 3245        | -543         | -485                 | 11885                   | 1750                        | 11885                           | 2113                    | 15748                          | 49.93         |
| 3                  | 4789        | 720   | 645   | 6154   | 1332  | 731   | 693   | 2658        | 2905        | -404         | -383                 | 11458                   | 1745                        | 11536                           | 1980                    | 15183                          | 49.99         |
| 4                  | 4817        | 587   | 647   | 6051   | 1336  | 760   | 693   | 2557        | 2799        | -349         | -282                 | 11362                   | 1756                        | 11440                           | 1881                    | 14999                          | 50.03         |
| 5                  | 4773        | 469   | 645   | 5887   | 1332  | 734   | 698   | 2510        | 2909        | -301         | -227                 | 11333                   | 1834                        | 11411                           | 1826                    | 14993                          | 49.88         |
| 6                  | 4764        | 461   | 649   | 5874   | 1338  | 683   | 709   | 2471        | 3223        | -262         | -257                 | 11570                   | 1972                        | 11659                           | 1853                    | 15395                          | 49.96         |
| 7                  | 4804        | 524   | 651   | 5979   | 1343  | 510   | 720   | 2831        | 3400        | -346         | -321                 | 11631                   | 2221                        | 11767                           | 1817                    | 15669                          | 50.04         |
| 8                  | 4788        | 636   | 648   | 6072   | 1340  | 510   | 730   | 2833        | 3713        | -336         | -349                 | 12016                   | 2238                        | 12169                           | 1867                    | 16121                          | 50.00         |
| 9                  | 4766        | 864   | 638   | 6268   | 1330  | 551   | 719   | 2799        | 3594        | -308         | -364                 | 12098                   | 2246                        | 12259                           | 2060                    | 16404                          | 49.95         |
| 10                 | 4612        | 1381  | 629   | 6622   | 1322  | 427   | 730   | 2974        | 3384        | -367         | -384                 | 12101                   | 2244                        | 12232                           | 2370                    | 16715                          | 49.90         |
| 11                 | 4497        | 1576  | 620   | 6693   | 1311  | 294   | 706   | 3185        | 3997        | -511         | -557                 | 12444                   | 2250                        | 12553                           | 2647                    | 17341                          | 49.79         |
| 12                 | 4236        | 1899  | 620   | 6755   | 1301  | 298   | 696   | 3243        | 4261        | -555         | -608                 | 12703                   | 2184                        | 12798                           | 2750                    | 17637                          | 49.71         |
| 13                 | 4184        | 1872  | 617   | 6673   | 1297  | 232   | 714   | 3370        | 4183        | -555         | -569                 | 12530                   | 2159                        | 12605                           | 2749                    | 17438                          | 49.67         |
| 14                 | 4285        | 1901  | 612   | 6798   | 1297  | 182   | 715   | 3377        | 4319        | -544         | -595                 | 12716                   | 2164                        | 12796                           | 2680                    | 17560                          | 49.72         |
| 15                 | 4349        | 1924  | 610   | 6883   | 1294  | 200   | 719   | 3389        | 4415        | -560         | -607                 | 12904                   | 2146                        | 13146                           | 2704                    | 17754                          | 49.64         |
| 16                 | 4371        | 1834  | 621   | 6826   | 1299  | 279   | 780   | 3337        | 4233        | -577         | -614                 | 12803                   | 2295                        | 13268                           | 2710                    | 17808                          | 49.77         |
| 17                 | 4362        | 1628  | 619   | 6609   | 1307  | 404   | 760   | 3310        | 4305        | -549         | -584                 | 12801                   | 2281                        | 13281                           | 2656                    | 17738                          | 49.91         |
| 18                 | 4353        | 1009  | 634   | 5996   | 1312  | 441   | 692   | 3157        | 3587        | -468         | -519                 | 11509                   | 2328                        | 11715                           | 2581                    | 16418                          | 49.93         |
| 19                 | 4398        | 272   | 635   | 5305   | 1320  | 516   | 683   | 3022        | 3874        | -434         | -443                 | 11255                   | 3292                        | 11457                           | 2474                    | 17021                          | 50.04         |
| 20                 | 4367        | 1295  | 627   | 6289   | 1309  | 431   | 701   | 3241        | 4085        | -591         | -573                 | 12242                   | 3366                        | 12242                           | 2533                    | 18141                          | 49.68         |
| 21                 | 4420        | 1954  | 631   | 7005   | 1312  | 360   | 655   | 3308        | 3724        | -662         | -607                 | 12475                   | 3377                        | 12475                           | 2505                    | 18357                          | 49.70         |
| 22                 | 4440        | 1820  | 636   | 6896   | 1312  | 286   | 671   | 3308        | 3912        | -662         | -614                 | 12490                   | 3376                        | 12490                           | 2435                    | 18301                          | 49.68         |
| 23                 | 4567        | 1437  | 636   | 6640   | 1317  | 291   | 672   | 3278        | 3511        | -628         | -618                 | 11839                   | 3374                        | 11839                           | 2395                    | 17608                          | 49.76         |
| 24                 | 4565        | 1404  | 630   | 6599   | 1314  | 306   | 672   | 3315        | 3667        | -696         | -648                 | 11936                   | 2987                        | 11936                           | 2389                    | 17312                          | 49.69         |
| MUs                | 109.0<br>2  | 29.39 | 15.19 | 153.59 | 31.62 | 10.62 | 17.06 | 73.22       | 88.44       | -11.90       | -11.88               | 289.64                  | 57.47                       | 292.50                          | 56.28                   | 403.39                         | 49.84         |

NOTE : ALL VALUES IN MW

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

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 28/May/2011**

Position as on 6.30 Hrs of 29/May/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                                               | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|----------------------------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                                                |               |
| Cent_Sect NTPC (V-1)    | 210      | 07/05/2011   | 00.46        |            | Continued. | A/OH                                                           | 19/06/2011    |
| Cent_Sect NTPC(K-5)     | 500      | 10/05/2011   | 00.00        |            | Continued. | Annual Overhaul                                                | 03/06/2011    |
| Dabhol 1A               | 230      | 20/05/2011   | 13.22        |            | Continued. | Rotor replacement.                                             | 20/07/2011    |
| Koyna Unit 6            | 75       | 27/05/2011   | 05.30        | 28/05/2011 | 02.45      | Urgent Removal of Raft Entangled @ Entrance of Tail race Canel |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                                                |               |
| Cent_Sect NTPC(K-7)     | 500      | 11/05/2011   | 01.15        | 28/05/2011 | 04.40      | Fire in GT                                                     |               |
| Paras Unit 4            | 250      | 17/05/2011   | 04.50        | 29/05/2011 | 05.25      | Performance guarantee test for 10 days .                       |               |
| Dabhol 1X               | 290      | 20/05/2011   | 13.22        |            | Continued. | Unit 1A and 1B out                                             |               |
| Dabhol 1B               | 230      | 21/05/2011   | 02.17        |            | Continued. | High speed.                                                    |               |
| CPP WPCL U-4            | 135      | 23/05/2011   | 15:28        | 28/05/2011 | 08.50      | TRIPPED.                                                       |               |
| Bhusawal Unit 2         | 210      | 26/05/2011   | 21.59        | 28/05/2011 | 20.00      | Boiler Tube Leakage.                                           |               |
| Cent_Sect NTPC(V-5)     | 210      | 27/05/2011   | 04.59        | 28/05/2011 | 11.08      | Boiler Tube Leakage                                            |               |
| Khaparkheda Unit 1      | 210      | 27/05/2011   | 17.01        | 29/05/2011 | 21.09      | Boiler T/L.                                                    |               |
| Cent_Sect NTPC(V-2)     | 210      | 27/05/2011   | 18.47        |            | Continued. | Boiler T/L.                                                    | 30/05/2011    |
| Parli Unit 6            | 250      | 28/05/2011   | 10.29        | 29/05/2011 | 10.45      | Coal Handling Problem.                                         |               |
| CPP WPCL U-4            | 135      | 28/05/2011   | 16.38        | 28/05/2011 | 23.47      | W/Dn.                                                          |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 28/May/2011**

Position as on 6.30 Hrs of 29/May/2011

| Name of Line                          | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                                                                   |
|---------------------------------------|--------------|--------------|-----------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>InterState</b>                     |              |              |                                   |                   |                                                                                                                    |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                                    |
| Borivali -Tarapur                     | 29/05/2011   | 08.47        | 29/05/2011                        | 16.41             | Maintenance work.                                                                                                  |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                                                                    |
| Dhule-Sar'Sarovar - I                 | 28/05/2011   | 00.44        |                                   | Continued.        | Over Voltage.                                                                                                      |
| Kolhapur - Mapusa - I                 | 28/05/2011   | 01.52        | 28/05/2011                        | 09.04             | Over Voltage.                                                                                                      |
| Akola - Wardha - I                    | 29/05/2011   | 09.24        |                                   | Continued.        | Over Voltage.                                                                                                      |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                                                                    |
| Wardha - Seoni                        | 29/05/2011   | 00.55        | 29/05/2011                        | 10.14             | Over Voltage.                                                                                                      |
| Padgha - Talegaon (PG)                | 29/05/2011   | 04.39        | 29/05/2011                        | 19.59             | Distance protection.                                                                                               |
| <b>IntraState</b>                     |              |              |                                   |                   |                                                                                                                    |
| <b>Voltage Level : 500KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                                    |
| Chandrapur - Padgha Pole -I           | 28/05/2011   | 08.29        | 28/05/2011                        | 13.26             | Cold washing of insulator.                                                                                         |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                                    |
| 400/220 KV315 MVA ICT-I @ BBLR        | 28/05/2011   | 00.54        |                                   | Continued.        | Repair and inspection of R-Ph unit.(Up to 30.05.2011)                                                              |
| Chandrapur 400 KV HVDC -II            | 28/05/2011   | 07.21        | 28/05/2011                        | 11.23             | Attending Hot Spot on Y & B Ph,PG III isolator.                                                                    |
| Dabhol - NewKoyna - II                | 28/05/2011   | 08.34        | 28/05/2011                        | 17.54             | Cold washing of insulators.                                                                                        |
| Nagothane-Dabhol-I                    | 29/05/2011   | 07.35        | 29/05/2011                        | 20.00             | Cold line washing of insulator string.                                                                             |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                                    |
| Babaleshwar - Chalisgaon              | 15/12/2010   | 13.42        |                                   | Continued.        | Conversion of S/C to D/C(6 MonthOutage.)                                                                           |
| Kharghar-Nerul                        | 06/05/2011   | 09.32        |                                   | Continued.        | Dismantling and erection of towers(upto 04.06.2011)                                                                |
| Borivali-Mulund                       | 17/05/2011   | 12.28        |                                   | Continued.        | Cable Termination work of 220KV Bhandup GIS Up to 10-06-2011.                                                      |
| 220/132KV 100 MVA ICT-I @ Parbhani    | 21/05/2011   | 09.10        |                                   | Continued.        | Augumentation from 100 to 200 MVA.Upto 06/06/2011.                                                                 |
| Pophali - KDPH                        | 23/05/2011   | 13.20        | 29/05/2011                        | 18.00             | MOCB overhauling work at KDPH upto 28/05.2011.                                                                     |
| Nasik-Padgha                          | 26/05/2011   | 08.32        |                                   | Continued.        | Dismantling of Existing 2 Towers & Restrtring on New Tower for Line Diversion Due to Expansion of NH3 Upto 3.6.11. |
| Jindal - Ghatghar                     | 26/05/2011   | 09.05        |                                   | Continued.        | Dismantling of Existing 2 Towers & Restrtring on New Tower for Line Diversion Due to Expansion of NH3 Upto 3.6.11. |
| Aarey-Borivali-II                     | 28/05/2011   | 06.08        | 28/05/2011                        | 07.27             | Repl. of Y-Ph vibration damper                                                                                     |
| 220/132,200MVA Tr.-2 @ A' Nager       | 28/05/2011   | 06.45        | 28/05/2011                        | 19.00             | OLTC oil replacement.                                                                                              |
| 220 KV Main Bus - II @ 400 KV Kalwa   | 28/05/2011   | 07.50        | 28/05/2011                        | 19.00             | Premonsoon maintenance work and removing of crow nest.                                                             |
| 220/100 KV,200 MVA,ICT at Pal         | 28/05/2011   | 08.46        | 29/05/2011                        | 14.33             | LV CB Overhauling work.                                                                                            |
| Trombay-Kalwa                         | 28/05/2011   | 08.58        | 28/05/2011                        | 12.38             | 29C.isolator work at Kalwa.                                                                                        |
| Mudshingi-Talangade - I               | 28/05/2011   | 10.00        | 28/05/2011                        | 14.50             | Replacement of B-Ph LA.                                                                                            |
| 220/132KV 200 MVA ICT I at Chalisgaon | 28/05/2011   | 13.31        | 28/05/2011                        | 19.57             | Attending oil leakage.                                                                                             |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 28/May/2011**

Position as on 6.30 Hrs of 29/May/2011

| Name of Line                         | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                                               |
|--------------------------------------|--------------|--------------|-----------------------------------|-------------------|------------------------------------------------------------------------------------------------|
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                |
| Bhusawal - Jalgaon - I               | 18/05/2011   | 07.32        |                                   | Continued.        | Replacement of Isolator(Ckt.on TBC)                                                            |
| Phursungi-Kamthali                   | 28/05/2011   | 07.39        | 28/05/2011                        | 18.10             | Replacement of E/W.                                                                            |
| A'nagar - Supa                       | 28/05/2011   | 08.28        | 28/05/2011                        | 10.25             | Replacement of insulator.                                                                      |
| <b>Voltage Level : 110KV</b>         |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                |
| Bus Zone-II at 220 KV Salsette       | 29/05/2011   | 00.34        | 29/05/2011                        | 04.45             | Premansoon work.                                                                               |
| Borivali-Tata Tie-I                  | 29/05/2011   | 08.40        | 29/05/2011                        | 16.23             | Pre mansoon maintenance work.                                                                  |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                                                |
| Babaleshwar - Ranjangaon             | 22/05/2011   | 16.05        |                                   | Continued.        | To control BBLSR ICT loading.                                                                  |
| Aarey-Borivali-I                     | 29/05/2011   | 08.53        | 29/05/2011                        | 13.34             | R Ph.CVT replacement.                                                                          |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                                |
| Bhusawal- Aurangabad                 | 27/05/2011   | 18.31        | 28/05/2011                        | 05.58             | Over Voltage.                                                                                  |
| Bhusawal- Aurangabad                 | 28/05/2011   | 21.48        | 29/05/2011                        | 06.12             | Over Voltage.                                                                                  |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                                |
| Babaleshwar - Bhenda                 | 12/05/2011   | 11.35        |                                   | Continued.        | To control BBLSR ICT Load                                                                      |
| Chandrapur-Warora - I                | 19/05/2011   | 17.18        |                                   | Continued.        | To Control Loading of Warora-Wardha.                                                           |
| BBLSR-Waluj                          | 25/05/2011   | 13.55        |                                   | Continued.        | To Control Babaleshwar ICT Loading.                                                            |
| Abhijeet-Wardha-I                    | 26/05/2011   | 08.36        |                                   | Continued.        | To Control Koradi ICT Loading.                                                                 |
| Wardha-Abhijeet II                   | 27/05/2011   | 22.40        | 29/05/2011                        | 14.33             | To control loading of Koradi ICTs.                                                             |
| A'nagar-Pal                          | 28/05/2011   | 12.06        | 28/05/2011                        | 14.46             | Smoke observed in panel.                                                                       |
| Trombay - Tifil                      | 29/05/2011   | 14.29        | 29/05/2011                        | 17.11             | Due to fire below line in M/S Yuvraj Industries premises.                                      |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                                |
| Supa - Shirur                        | 07/03/2011   | 15.15        |                                   | Continued.        | To control Lonikand ICT Load                                                                   |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                                                |
| Kalwa - Lonikand                     | 28/05/2011   | 06.19        | 28/05/2011                        | 06.41             | Distance protection.                                                                           |
| Kalwa - Lonikand                     | 29/05/2011   | 04.24        | 29/05/2011                        | 17.44             | Distance protection.                                                                           |
| Karad - Kolhapur - II                | 29/05/2011   | 18.27        |                                   | Continued.        | Distance protection.                                                                           |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                                                |
| 220/100KV 200MVA ICT-III at Kalwa    | 03/04/2011   | 16.00        |                                   | Continued.        | Buchholz Trip,Diff.Prot.operated,PRV tripped( Failed).                                         |
| 220/110KV 200MVA ICT-II at Mudshingi | 10/04/2011   | 18.10        |                                   | Continued.        | Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11) |
| Gangapur-Valve                       | 13/05/2011   | 12.34        |                                   | Continued.        | Tower Bent @ Loc. No.10C,7,8,9,10,11.                                                          |
| 220/100KV, 200MVA T/F-IV at Kalwa    | 28/05/2011   | 14.01        | 28/05/2011                        | 14.12             | Back up protection.                                                                            |
| Kalwa - Borivali                     | 28/05/2011   | 15.40        | 28/05/2011                        | 16.26             | Distance protection.                                                                           |
| Khaperkheda - Wardha.                | 28/05/2011   | 23.17        | 29/05/2011                        | 03.57             | Distance protection,Z-I,R-Ph.                                                                  |
| Kalwa-Nerul                          | 29/05/2011   | 12.32        | 29/05/2011                        | 12.45             | Back up earth fault.                                                                           |
| Mahape-Tifil                         | 29/05/2011   | 12.32        | 29/05/2011                        | 13.05             | Distance protection                                                                            |
| Trombay - Tifil                      | 29/05/2011   | 12.32        | 29/05/2011                        | 13.25             | Distance protection.                                                                           |
| Karad - Vita - I                     | 29/05/2011   | 17.30        | 29/05/2011                        | 18.06             | Distance protection                                                                            |
| Karad-M'peth                         | 29/05/2011   | 17.34        | 29/05/2011                        | 19.16             | Distance protection                                                                            |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 28/May/2011**

Position as on 6.30 Hrs of 29/May/2011

| Name of Line                  | Tripped Date | Tripped Time | Synchronised Date          | Synchronised Time | Reason of Outage                       |
|-------------------------------|--------------|--------------|----------------------------|-------------------|----------------------------------------|
| Vankuswade-Malharpath         | 29/05/2011   | 17.34        | 29/05/2011                 | 18.15             | Distance protection                    |
| Vankuswadi - MIDC Satara- II  | 29/05/2011   | 17.34        | 29/05/2011                 | 18.15             | Distance protection                    |
| Vankuswadi-KDPH               | 29/05/2011   | 17.34        |                            | Continued.        | Distance protection.Declared faulty.   |
| Vankushwadi - MIDC Satara - I | 29/05/2011   | 17.34        | 29/05/2011                 | 18.15             | Distance protection                    |
| Talangade-Mudshingi           | 29/05/2011   | 19.44        |                            | Continued.        | Distance protection.Declared faulty.   |
| <b>Voltage Level : 132KV</b>  |              |              | <b>Outage Type TRIPPED</b> |                   |                                        |
| Ambazari-Khaperkheda - II     | 28/05/2011   | 17.03        | 28/05/2011                 | 17.57             | Back up protection operated O/C & E/F. |
| Kanhan-Uppalwadi              | 28/05/2011   | 17.25        | 28/05/2011                 | 17.40             | Zone-I,Y-Ph.                           |
| Amravati - Akola              | 29/05/2011   | 12.00        | 29/05/2011                 | 12.19             | Distance protection,Z-I,R-Ph.          |
| <b>Voltage Level : 100KV</b>  |              |              | <b>Outage Type TRIPPED</b> |                   |                                        |
| Kalwa-Kalyan                  | 28/05/2011   | 08.50        | 28/05/2011                 | 09.30             | Trip,at Kalwa end.                     |
| Kalwa-Kalyan                  | 28/05/2011   | 11.26        | 28/05/2011                 | 11.54             | Distance protection.                   |
| Kalwa-Mukund I                | 28/05/2011   | 14.01        | 28/05/2011                 | 17.17             | Bird fault.                            |



# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 29/May/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 170         |
| Unit 6             | 210                   | 180         |
| Unit 7             | 210                   | 168         |
|                    | <b>620</b>            | <b>518</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 0                     |             |
|                    | <b>420</b>            | <b>360</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 132         |
| Unit 4             | 210                   | 130         |
| Unit 5             | 210                   | 140         |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 220         |
|                    | <b>1130</b>           | <b>622</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 140         |
| Unit 2             | 210                   | 140         |
| Unit 3             | 210                   | 150         |
| Unit 4             | 210                   | 150         |
| Unit 5             | 500                   | 425         |
| Unit 6             | 500                   | 425         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1830</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 230         |
| Unit 4             | 250                   | 50          |
|                    | <b>500</b>            | <b>280</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 200         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 0                     |             |
|                    | <b>840</b>            | <b>610</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 80          |
| Unit 2             | 120                   | 80          |
| Unit 3             | 210                   | 178         |
| Unit 4             | 210                   | 172         |
| Unit 5             | 210                   | 158         |
|                    | <b>870</b>            | <b>668</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 620         |
|                    | <b>852</b>            | <b>620</b>  |
| <b>Dabhol</b>      |                       |             |
| RGPP               | 1940                  | 1250        |
|                    | <b>1940</b>           | <b>1250</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>       |                       |             |
| KDPH               | 40                    | 18          |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 0           |
| BHTGR/VEER        | 21                    | 5           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 15          |
| BHANDARDRA        | 45                    | 16          |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 7           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>141</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                     |             |
| Khandke           | 0                     |             |
| Khaparale         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>CPP</b>        |                       |             |
| JSW JAIGAD        | 600                   | 550         |
| WARDHA            | 405                   | 230         |
| Other CPPs        | 0                     |             |
|                   | <b>1005</b>           | <b>780</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 240         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1867</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3455                  | 3140        |
|                   | <b>3455</b>           | <b>3140</b> |