



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**23/May/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 23/May/2011 MONDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 112.976        | 2655.452        | 1) Madhya Pradesh              | 70.216         | 1410.663        |
| 2) Hydro                 | 22.817         | 406.837         | 2) Gujrat                      | 22.108         | 676.456         |
| 3) Gas                   | 14.950         | 349.416         | 3) Goa                         | -7.273         | -158.824        |
| <b>Total MSGENCO</b>     | <b>150.743</b> | <b>3411.705</b> | 4) TAPS 1&2 (Inj.)             | 7.767          | 172.978         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | 0.000          | -3.034          |
| 1) RGPPL Gas             | 30.740         | 809.629         | <b># Total Cent. Sector</b>    | <b>92.818</b>  | <b>2098.239</b> |
| 2) Wind Generation       | 14.729         | 288.780         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                   | 20.490         | 479.156         | 1) With TPCL (Excess)          | -12.919        | -257.678        |
| 4) PENCH (MS)            | 0.000          | 3.218           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 15.009         | 320.126         |
| 1) TPCL Thermal          | 28.540         | 636.981         | Include PX                     | 0.000          | 20.428          |
| 2) TPCL Hydro            | 5.076          | 82.037          | 2) MUMBAI Bilateral            | 12.342         | 276.685         |
| <b>TOTAL TPCL</b>        | <b>33.616</b>  | <b>719.018</b>  | Include PX                     | -0.424         | -15.980         |
| 3) REL Thermal           | 12.535         | 287.583         | 3) MUMBAI Schedule             | 12.342         | 276.685         |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 154.051        | 3580.016        | 1) MSEDCL                      | 296.601        | 6833.049        |
| 2) Hydro (A2+B3+C2)      | 27.893         | 492.092         | 2) TPCL                        | 38.961         | 832.998         |
| 3) Gas (A3+B1)           | 45.690         | 1159.045        | 3) REL                         | 20.105         | 431.219         |
| 4) Wind (B2)             | 14.729         | 288.780         | <b>TOTAL STATE</b>             | <b>355.667</b> | <b>8097.266</b> |
| 5) CPP (B3)              | 20.490         | 479.156         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>262.853</b> | <b>5999.089</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                  | 4699                      | 4569                      | 4824                      |
| MSGENCO Hydro                    | 1659                      | 1376                      | 120                       |
| MSGENCO Gas                      | 582                       | 624                       | 649                       |
| <b>MSGENCO Total Generation</b>  | <b>6940</b>               | <b>6569</b>               | <b>5593</b>               |
| <b>Central Sector Receipt</b>    | <b>4299</b>               | <b>3728</b>               | <b>3317</b>               |
| <b>RGPPL</b>                     | <b>1309</b>               | <b>1317</b>               | <b>1243</b>               |
| <b>WIND</b>                      | <b>375</b>                | <b>854</b>                | <b>684</b>                |
| <b>CPP</b>                       | <b>861</b>                | <b>759</b>                | <b>944</b>                |
| <b>Exchange with Mumbai</b>      | <b>-704</b>               | <b>-597</b>               | <b>-260</b>               |
| <b>MSEDCL DEMAND MET</b>         | <b>13080</b>              | <b>12630</b>              | <b>11521</b>              |
| <b>Load Shedding (LS)</b>        | <b>216</b>                | <b>183</b>                | <b>0</b>                  |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>13296</b>              | <b>12813</b>              | <b>11521</b>              |
| <b>TPCL GENERATION</b>           | <b>1770</b>               | <b>1458</b>               | <b>1045</b>               |
| <b>REL GENERATION</b>            | <b>524</b>                | <b>523</b>                | <b>524</b>                |
| <b>TPCL+REL DEMAND</b>           | <b>2998</b>               | <b>2578</b>               | <b>1829</b>               |
| <b>STATE DEMAND MET</b>          | <b>16078</b>              | <b>15208</b>              | <b>13350</b>              |
| <b>Load Management (LM)</b>      | <b>2178</b>               | <b>3437</b>               | <b>1642</b>               |
| <b>Total Load Relief (LS+LM)</b> | <b>2394</b>               | <b>3620</b>               | <b>1642</b>               |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>18472</b>              | <b>18828</b>              | <b>14992</b>              |
| <b>Frequency (Hz)</b>            | <b>49.78</b>              | <b>49.76</b>              | <b>50.17</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.                | MINIMUM FREQ.                | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz     |
|------------------------------|------------------------------|---------------|-------------------------|
| <b>50.41 Hz at 04:00 Hrs</b> | <b>49.33 Hz at 14:50 Hrs</b> | <b>49.9</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 23/May/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 4.31        | 93.41         | 188      | 162      | 175      |
| Unit 6           | 4.53        | 100.30        | 197      | 184      | 190      |
| Unit 7           | 4.18        | 99.19         | 185      | 160      | 180      |
|                  | 13.03       | 292.90        |          |          | 545      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.31        | 67.68         | 145      | 130      | 145      |
| Unit 3           | 4.48        | 92.60         | 190      | 180      | 190      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 7.78        | 160.28        |          |          | 335      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 69.15         | 0        | 0        | 0        |
| Unit 4           | 3.43        | 70.47         | 158      | 117      | 150      |
| Unit 5           | 4.03        | 64.14         | 183      | 140      | 150      |
| Unit 6           | 4.60        | 94.50         | 231      | 87       | 220      |
| Unit 7           | 3.56        | 87.28         | 213      | 66       | 180      |
|                  | 15.63       | 385.54        |          |          | 700      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.12        | 78.74         | 155      | 79       | 100      |
| Unit 2           | 2.99        | 62.59         | 147      | 70       | 100      |
| Unit 3           | 3.84        | 95.13         | 194      | 74       | 160      |
| Unit 4           | 3.88        | 88.68         | 185      | 87       | 160      |
| Unit 5           | 9.74        | 207.32        | 440      | 315      | 430      |
| Unit 6           | 9.66        | 199.47        | 425      | 367      | 400      |
| Unit 7           | 10.58       | 217.65        | 467      | 396      | 450      |
|                  | 43.82       | 949.59        |          |          | 1800     |
| Paras            |             |               |          |          |          |
| Unit 3           | 2.28        | 96.64         | 231      | 0        | 230      |
| Unit 4           | 0.00        | 74.81         | 0        | 0        | 0        |
|                  | 2.28        | 171.45        |          |          | 230      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.56        | 99.79         | 200      | 180      | 210      |
| Unit 2           | 4.47        | 102.52        | 195      | 180      | 210      |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 5.28        | 119.14        | 224      | 215      | 210      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 14.32       | 321.45        |          |          | 630      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.98        | 44.13         | 96       | 68       | 95       |
| Unit 2           | 1.79        | 36.40         | 86       | 0        | 90       |
| Unit 3           | 4.25        | 99.27         | 195      | 140      | 195      |
| Unit 4           | 4.30        | 97.54         | 195      | 141      | 190      |
| Unit 5           | 3.78        | 96.91         | 185      | 136      | 160      |
|                  | 16.11       | 374.24        |          |          | 730      |
| Uran             |             |               |          |          |          |
| All Units        | 14.95       | 349.42        | 652      | 477      | 620      |
|                  | 14.95       | 349.42        |          |          | 620      |
| Dabhol           |             |               |          |          |          |
| RGPPL            | 30.74       | 809.63        | 1333     | 1150     | 1250     |
|                  | 30.74       | 809.63        |          |          | 1250     |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 6.92        | 102.27        | 580      | 40       | 600      |
| Stage 4          | 10.35       | 172.35        | 843      | 0        | 250      |
| Stage 3          | 3.29        | 60.35         | 240      | 0        | 240      |
|                  | 20.56       | 334.97        |          |          | 1090     |
| Kovna 12&4 Total | 17.27       | 274.62        |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.39        | 7.56          | 17       | 16       | 18       |
| VTRNA           | 0.00        | 0.00          | 0        | 0        | 0        |
| TILLARI         | 0.00        | 0.00          | 0        | 0        | 0        |
| BHTGR/VEER      | 0.21        | 5.39          | 9        | 8        | 12       |
| BHIRA T.R.      | 0.15        | 4.11          | 51       | 0        | 80       |
| RNGR+BHTSA      | 0.28        | 7.11          | 12       | 11       | 12       |
| BHANDARDRA      | 0.46        | 15.80         | 19       | 19       | 24       |
| ELDARY          | 0.00        | 5.29          | 0        | 0        | 0        |
| SMLHY PTN       | 0.62        | 18.78         | 33       | 23       | 9        |
| GHATGHAR        | 0.14        | 7.83          | 125      | 0        | 0        |
|                 | 2.25        | 71.87         |          |          | 155      |
| PENCH (MS)      |             |               |          |          |          |
| Pench (MS)      | 0.00        | 3.22          | 0        | 0        | 0        |
|                 | 0.00        | 3.22          |          |          | 0        |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.42        | 7.10          |          |          |          |
| Vankuswadi      | 1.24        | 18.86         |          |          |          |
| ATIT            | 0.15        | 3.69          |          |          |          |
| Kale            | 0.34        | 6.64          |          |          |          |
| Satara          | 1.75        | 13.40         |          |          |          |
| Shirala         | 0.29        | 6.82          |          |          |          |
| K Mahankal      | 0.05        | 11.64         |          |          |          |
| Supa            | 0.23        | 3.74          |          |          |          |
| Vita            | 1.85        | 29.94         |          |          |          |
| Dondaicha       | 5.33        | 118.36        |          |          |          |
| Sakri           | 1.05        | 20.70         |          |          |          |
| Nandurbar       | 0.46        | 15.81         |          |          |          |
| Khandke         | 0.82        | 16.36         |          |          |          |
| Khaparale       | 0.76        | 15.71         |          |          |          |
|                 | 14.73       | 288.78        |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 7.09        | 194.90        | 301      | 259      | 275      |
| WARDHA          | 8.56        | 177.06        | 439      | 235      | 330      |
| Other CPPs      | 4.84        | 106.89        |          |          |          |
|                 | 20.49       | 478.85        |          |          | 605      |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 11.72       | 266.09        | 490      | 460      | 500      |
| Trombay 6       | 6.86        | 141.40        | 425      | 150      | 500      |
| Trombay 7A      | 2.85        | 65.98         | 122      | 117      | 120      |
| Trombay 7B      | 1.59        | 36.39         | 67       | 65       | 60       |
| Trombay 8       | 5.53        | 127.12        | 252      | 150      | 250      |
| TATA Hydro      | 5.08        | 82.04         | 446      | 0        | 447      |
|                 | 33.62       | 719.02        |          |          | 1877     |
| REL             |             |               |          |          |          |
| 1&2             | 12.54       | 287.58        | 524      | 521      | 500      |
|                 | 12.54       | 287.58        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 3095     |
|                 |             |               |          |          | 3095     |

|                |          |        |         |  |       |
|----------------|----------|--------|---------|--|-------|
| MS<br>PG<br>CL | Thermal  | 112.98 | 2655.45 |  | 4970  |
|                | Thml+Gas | 127.93 | 3004.87 |  | 5590  |
|                | Hydro    | 22.82  | 406.84  |  | 1245  |
|                | Total    | 150.74 | 3411.70 |  | 6835  |
| State Total    |          | 262.85 | 5999.09 |  | 14162 |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/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                  | 4633        | 176   | 631   | 5440   | 1333  | 652   | 905   | 2833        | 4293        | -567         | -619                 | 12004                   | 2138                        | 12004                           | 2253                    | 16395                          | 49.98         |
| 2                  | 4626        | 121   | 633   | 5380   | 1150  | 661   | 910   | 2715        | 4300        | -424         | -477                 | 11924                   | 2016                        | 11924                           | 2077                    | 16017                          | 50.08         |
| 3                  | 4692        | 120   | 638   | 5450   | 1281  | 684   | 921   | 2596        | 3819        | -305         | -341                 | 11814                   | 1447                        | 11814                           | 1940                    | 15201                          | 50.09         |
| 4                  | 4787        | 130   | 646   | 5563   | 1246  | 668   | 928   | 2497        | 3540        | -249         | -284                 | 11661                   | 1523                        | 11661                           | 1872                    | 15056                          | 50.18         |
| 5                  | 4824        | 120   | 649   | 5593   | 1243  | 684   | 944   | 2474        | 3317        | -220         | -260                 | 11521                   | 1642                        | 11521                           | 1829                    | 14992                          | 50.17         |
| 6                  | 4931        | 125   | 652   | 5708   | 1218  | 660   | 919   | 2472        | 3801        | -185         | -215                 | 12091                   | 1808                        | 12093                           | 1814                    | 15713                          | 50.05         |
| 7                  | 5025        | 120   | 651   | 5796   | 1204  | 691   | 887   | 2904        | 3306        | -338         | -276                 | 11608                   | 1987                        | 11623                           | 1780                    | 15375                          | 50.11         |
| 8                  | 5063        | 126   | 644   | 5833   | 1235  | 656   | 872   | 2930        | 3990        | -338         | -312                 | 12274                   | 1995                        | 12297                           | 1865                    | 16134                          | 50.02         |
| 9                  | 5013        | 561   | 631   | 6205   | 1210  | 635   | 925   | 2968        | 3720        | -388         | -415                 | 12280                   | 1999                        | 12307                           | 2227                    | 16506                          | 50.03         |
| 10                 | 4930        | 1107  | 622   | 6659   | 1242  | 494   | 949   | 3139        | 3841        | -423         | -519                 | 12666                   | 2044                        | 12690                           | 2613                    | 17323                          | 49.91         |
| 11                 | 4765        | 1508  | 477   | 6750   | 1312  | 432   | 867   | 3550        | 3977        | -562         | -646                 | 12692                   | 2229                        | 12718                           | 2887                    | 17808                          | 49.73         |
| 12                 | 4699        | 1659  | 582   | 6940   | 1309  | 375   | 861   | 3559        | 4299        | -659         | -704                 | 13080                   | 2394                        | 13296                           | 2998                    | 18472                          | 49.78         |
| 13                 | 4682        | 1604  | 619   | 6905   | 1307  | 399   | 832   | 3497        | 4189        | -670         | -712                 | 12920                   | 2607                        | 13350                           | 3002                    | 18529                          | 49.83         |
| 14                 | 4658        | 1378  | 618   | 6654   | 1306  | 364   | 831   | 3463        | 4444        | -638         | -668                 | 12931                   | 2277                        | 13031                           | 2924                    | 18132                          | 49.81         |
| 15                 | 4616        | 1644  | 624   | 6884   | 1297  | 541   | 831   | 3440        | 4320        | -648         | -732                 | 13141                   | 2085                        | 13186                           | 2988                    | 18214                          | 49.66         |
| 16                 | 4632        | 1802  | 624   | 7058   | 1300  | 493   | 832   | 3336        | 3905        | -646         | -710                 | 12878                   | 2192                        | 13113                           | 3013                    | 18083                          | 49.76         |
| 17                 | 4606        | 1596  | 623   | 6825   | 1306  | 737   | 827   | 3329        | 4074        | -650         | -701                 | 13068                   | 2190                        | 13342                           | 2957                    | 18215                          | 49.85         |
| 18                 | 4622        | 1077  | 625   | 6324   | 1318  | 775   | 809   | 3201        | 3745        | -598         | -581                 | 12390                   | 2321                        | 12532                           | 2828                    | 17539                          | 49.94         |
| 19                 | 4627        | 381   | 622   | 5630   | 1319  | 787   | 728   | 3116        | 3878        | -591         | -555                 | 11787                   | 3153                        | 11798                           | 2665                    | 17605                          | 49.98         |
| 20                 | 4590        | 1399  | 622   | 6611   | 1312  | 600   | 764   | 3099        | 3865        | -556         | -531                 | 12621                   | 3502                        | 12695                           | 2646                    | 18769                          | 49.70         |
| 21                 | 4569        | 1376  | 624   | 6569   | 1317  | 854   | 759   | 3172        | 3728        | -632         | -597                 | 12630                   | 3620                        | 12813                           | 2578                    | 18828                          | 49.76         |
| 22                 | 4597        | 1520  | 629   | 6746   | 1318  | 758   | 769   | 3201        | 3510        | -659         | -631                 | 12470                   | 3522                        | 12556                           | 2481                    | 18473                          | 49.73         |
| 23                 | 4513        | 1469  | 629   | 6611   | 1330  | 603   | 796   | 3231        | 3464        | -688         | -697                 | 12107                   | 3488                        | 12159                           | 2427                    | 18022                          | 49.74         |
| 24                 | 4276        | 1698  | 635   | 6609   | 1327  | 526   | 824   | 3186        | 3493        | -707         | -736                 | 12043                   | 3119                        | 12085                           | 2406                    | 17568                          | 49.59         |
| MUs                | 112.98      | 22.82 | 14.95 | 150.74 | 30.74 | 14.73 | 20.49 | 73.91       | 92.82       | -12.34       | -12.92               | 296.60                  | 57.30                       | 298.61                          | 59.07                   | 412.97                         | 49.90         |

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 23/May/2011**

Position as on 6.30 Hrs of 24/May/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                                          | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                                           |               |
| Khaparkheda Unit 3      | 210      | 25/04/2011   | 02.51        | 24/05/2011 | 07.01      | Annual overhaul.                                          | 25/05/2011    |
| 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    |
| Koyna Unit 10           | 80       | 13/05/2011   | 00.00        |            | Continued. | Annual Overhaul                                           | 25/05/2011    |
| Dabhol 1A               | 230      | 20/05/2011   | 13.22        |            | Continued. | Rotor replacement.                                        | 20/07/2011    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                                           |               |
| Cent_Sect NTPC(K-7)     | 500      | 11/05/2011   | 01.15        |            | Continued. | Fire in GT                                                | 24/05/2011    |
| CPP JSW (J) U1          | 300      | 12/05/2011   | 00.24        |            | Continued. | Annual Overhaul.                                          | 27/05/2011    |
| Paras Unit 4            | 250      | 17/05/2011   | 04.50        |            | Continued. | Performance guarantee test for 10 days .                  | 28/05/2011    |
| Dabhol 1X               | 290      | 20/05/2011   | 13.22        |            | Continued. | Load restrictions due to 400 KV Dabhol-N.Koyna I tripped. |               |
| Dabhol 1B               | 230      | 21/05/2011   | 02.17        |            | Continued. | High speed.                                               |               |
| Parli Unit 3            | 210      | 21/05/2011   | 22.21        |            | Continued. | Turbine first up.                                         | 24/05/2011    |
| Cent_Sect NTPC(V) 9     | 500      | 22/05/2011   | 10.00        |            | Continued. | Boiler tube leakage.                                      | 25/05/2011    |
| Koyna ST - IV 3         | 250      | 22/05/2011   | 14.23        | 24/05/2011 | 03.09      | T/F D/C fault.                                            |               |
| Uran Unit 6             | 108      | 23/05/2011   | 10.06        | 23/05/2011 | 10.26      | Turbine bearing vibration .                               |               |
| Paras Unit 3            | 250      | 23/05/2011   | 10.24        |            | Continued. | Boiler tube leakage.                                      | 25/05/2011    |
| CPP WPCL U-4            | 135      | 23/05/2011   | 11.24        | 23/05/2011 | 15.09      | Furnace pressure high.                                    |               |
| Koyna ST - IV 4         | 250      | 23/05/2011   | 19.56        | 23/05/2011 | 21.44      | Turbine guide bearing temp.high                           |               |
| Nasik Unit 2            | 125      | 23/05/2011   | 22.25        |            | Continued. | Boiler tube leakage.                                      | 25/05/2011    |
| Koyna ST - IV 4         | 250      | 24/05/2011   | 02.20        | 24/05/2011 | 03.09      | Replacement of card from Unit-4 to Unit-3                 |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 23/May/2011**

Position as on 6.30 Hrs of 24/May/2011

| Name of Line                          | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                        |
|---------------------------------------|--------------|--------------|-----------------------------------|--------------------|-----------------------------------------------------------------------------------------|
| <b>InterState</b>                     |              |              |                                   |                    |                                                                                         |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                         |
| Dhule-Sar'Sarovar - I                 | 20/05/2011   | 00.05        |                                   | Continued.         | Over Voltage.                                                                           |
| Dhule-Sar'Sarovar - II                | 24/05/2011   | 02.05        |                                   | Continued.         | Over Voltage.                                                                           |
| <b>IntraState</b>                     |              |              |                                   |                    |                                                                                         |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                         |
| Dabhol - New Koyna - I                | 23/05/2011   | 08.41        | 23/05/2011                        | 20.34              | Cold washing of insulator.                                                              |
| Main Bus-II at Waluj S/s.             | 23/05/2011   | 10.30        | 23/05/2011                        | 17.50              | Quadruple stringing work from existing 400KV beam to New Bhusawal I and II beam M.B.II. |
| 400/132KV 200 MVA ICT-I @ Bhusawal    | 23/05/2011   | 10.56        | 23/05/2011                        | 11.51              | Wrapping of plastic paper cover on buchholz relay.                                      |
| Newkoyna - Jaigad - I                 | 23/05/2011   | 10.57        | 23/05/2011                        | 18.59              | Insulator cleaning work.                                                                |
| 400/132KV 200 MVA ICT-II @ Bhusawal   | 23/05/2011   | 11.54        | 23/05/2011                        | 12.30              | Wrapping of plastic paper cover on buchholz relay.                                      |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                         |
| 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)                                     |
| Padgha - Kalwa                        | 10/05/2011   | 09.30        |                                   | Continued.         | System strenghtening work.                                                              |
| Temghar-Colourchem                    | 10/05/2011   | 10.30        |                                   | Continued.         | Bunching of arrangement.                                                                |
| 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.         | Replacement of 220/132 KV 100 MVA ICT by 200 MVA ICT under MBR No.32/7 dt.18.8.2008     |
| 220/132 KV 150 MVA T/F @ Boiser       | 22/05/2011   | 22.57        |                                   | Continued.         | Oil filtration work.                                                                    |
| Ambazari-Amravati                     | 23/05/2011   | 09.00        | 23/05/2011                        | 14.24              | Q.M.Work                                                                                |
| Pophali - KDPH                        | 23/05/2011   | 13.20        |                                   | Continued.         | MOCB overhauling work at KDPH upto 28/05.2011.                                          |
| Pedambe-Kharepatan                    | 23/05/2011   | 16.10        | 23/05/2011                        | 17.49              | Tree cutting work.                                                                      |
| 220/100 KV 200 MVA T/F IV @ Apta      | 23/05/2011   | 17.04        | 23/05/2011                        | 17.40              | PRV leakage work.                                                                       |
| <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)                                                     |
| Khadka-Malkapur                       | 22/05/2011   | 10.18        | 23/05/2011                        | 14.46              | Stringing work of 400 KV Deepnagar-Waluj D/C.                                           |
| Malkapur - Bhusawal                   | 22/05/2011   | 13.00        | 23/05/2011                        | 12.28              | Stringing work of 400 KV Deepnagar-Waluj D/C.                                           |
| Partur-Mantha                         | 23/05/2011   | 10.10        | 23/05/2011                        | 17.25              | Q.M.Work.                                                                               |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                                                         |
| 400/220KV 105MVA Spare ICT @ Parly-II | 22/04/2011   | 13.50        |                                   | Continued.         | To remove trip coil assembly for bus coupler.                                           |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                                                         |
| Babaleshwar - Ranjangaon              | 22/05/2011   | 16.05        |                                   | Continued.         | To control BBLSR ICT loading.                                                           |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                         |
| Bhusawal- Aurangabad                  | 22/05/2011   | 21.48        | 23/05/2011                        | 05.48              | Over Voltage.                                                                           |
| Bhusawal- Aurangabad                  | 23/05/2011   | 22.47        | 24/05/2011                        | 04.33              | Over Voltage.                                                                           |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 23/May/2011**

Position as on 6.30 Hrs of 24/May/2011

| Name of Line                         | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                                                               |
|--------------------------------------|--------------|--------------|---------------------------------|--------------------|------------------------------------------------------------------------------------------------|
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                                                |
| Wardha-Abhijeet II                   | 05/05/2011   | 16.51        |                                 | Continued.         | To Control Koradi ICT Load.                                                                    |
| Aurangabad - Babaleshwar             | 07/05/2011   | 07.32        |                                 | Continued.         | To control A'bad ICT loading.                                                                  |
| Babaleshwar - Bhenda                 | 12/05/2011   | 11.35        |                                 | Continued.         | To control BBLSR ICT Load                                                                      |
| Abhijeet-Wardha-I                    | 16/05/2011   | 11.38        |                                 | Continued.         | To control Koradi ICT loading.                                                                 |
| Hingoli-Pusad                        | 21/05/2011   | 16.26        |                                 | Continued.         | To control Wardha-Y'mal L/L.                                                                   |
| <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 : 500KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                                                |
| HVDC Pole I Padgha                   | 23/05/2011   | 04.11        |                                 | Continued.         | Line fault 57.7 KM from Padgha end.                                                            |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                                                |
| Padgha - Nagothane- II               | 22/05/2011   | 14.35        | 23/05/2011                      | 01.45              | Distance protection                                                                            |
| New Koyna - Jaigad - II              | 23/05/2011   | 02.45        | 23/05/2011                      | 03.29              | Distance Protection.                                                                           |
| Lonikand - Jejuri                    | 23/05/2011   | 04.02        | 23/05/2011                      | 06:34              | Group AB,3-Ph trip.                                                                            |
| 400/220 KV 500 MVA ICT-I @ Jejuri    | 23/05/2011   | 04.02        | 23/05/2011                      | 05:57              | No indication.                                                                                 |
| Dabhol - New Koyna - I               | 23/05/2011   | 05.38        | 23/05/2011                      | 06:38              | Distance Protection.                                                                           |
| Lonikand-Karad                       | 23/05/2011   | 15.33        | 23/05/2011                      | 16.01              | 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.                                                          |
| Wardha - Yawatmal                    | 20/05/2011   | 18.2818.48   | 20/05/2011                      | Continued.         | Distance protection R-Ph to E.                                                                 |
| Apta-Uran-IV                         | 23/05/2011   | 04.02        | 23/05/2011                      | 12.04              | Distance protection,R-Ph,E/F.                                                                  |
| Jejuri-Phursungi                     | 23/05/2011   | 15.13        | 23/05/2011                      | 15.43              | Distance protection.                                                                           |
| Raymond-Washala                      | 24/05/2011   | 05.30        | 24/05/2011                      | 06.10              | Line fault Y ph. to neutral.                                                                   |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 24/May/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 175         |
| Unit 6             | 210                   | 180         |
| Unit 7             | 210                   | 180         |
|                    | <b>620</b>            | <b>535</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 145         |
| Unit 3             | 210                   | 185         |
| Unit 4             | 0                     |             |
|                    | <b>420</b>            | <b>330</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 160         |
| Unit 5             | 210                   | 180         |
| Unit 6             | 250                   | 150         |
| Unit 7             | 250                   | 120         |
|                    | <b>1130</b>           | <b>610</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 140         |
| Unit 2             | 210                   | 120         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 185         |
| Unit 5             | 500                   | 430         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1925</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 0           |
| Unit 4             | 250                   | 0           |
|                    | <b>500</b>            | <b>0</b>    |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 210         |
| Unit 5             | 0                     | 0           |
|                    | <b>840</b>            | <b>600</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 90          |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 170         |
| Unit 5             | 210                   | 180         |
|                    | <b>870</b>            | <b>630</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                   | 240         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 18          |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 0           |
| BHTGR/VEER        | 21                    | 9           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 12          |
| BHANDARDRA        | 45                    | 19          |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 10          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>148</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                   | 275         |
| WARDHA            | 405                   | 330         |
| Other CPPs        | 0                     | 0           |
|                   | <b>1005</b>           | <b>605</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3455                  | 3198        |
|                   | <b>3455</b>           | <b>3198</b> |