



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**15/Jul/2011**

**State Load Dispatch Center,Airoli (MSETCL)**  
**Daily system Report for 15/Jul/2011 FRIDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 77.094         | 1301.919        | 1) Madhya Pradesh              | 49.882         | 700.454         |
| 2) Hydro                 | 5.601          | 206.438         | 2) Gujrat                      | 29.517         | 336.479         |
| 3) Gas                   | 8.614          | 153.281         | 3) Goa                         | -5.932         | -86.063         |
| <b>Total MSGENCO</b>     | <b>91.309</b>  | <b>1661.638</b> | 4)TAPS 1&2 (Inj.)              | 7.888          | 115.702         |
| <b>B) OTHERS</b>         |                |                 | 5)Pench (Excess)               | -0.071         | -1.180          |
| 1) RGPPL Gas             | 39.099         | 575.885         | <b># Total Cent. Sector</b>    | <b>81.284</b>  | <b>1065.392</b> |
| 2) Wind Generation       | 14.342         | 256.296         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                   | 26.786         | 457.807         | 1) With TPCL (Excess)          | -13.269        | -167.862        |
| 4) PENCH (MS)            | 0.071          | 1.180           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 9.503          | 202.884         |
| 1) TPCL Thermal          | 23.794         | 366.927         | Include PX                     | 0.000          | 7.925           |
| 2) TPCL Hydro            | 6.133          | 79.845          | 2) MUMBAI Bilateral            | 13.077         | 182.209         |
| <b>TOTAL TPCL</b>        | <b>29.927</b>  | <b>446.772</b>  | Include PX                     | -1.377         | -32.309         |
| 3) REL Thermal           | 8.103          | 175.510         | 3) MUMBAI Schedule             | 13.077         | 184.247         |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 108.991        | 1844.356        | 1) MSEDCL                      | 239.622        | 3850.336        |
| 2) Hydro (A2+B3+C2)      | 11.805         | 287.463         | 2) TPCL                        | 34.595         | 528.682         |
| 3) Gas (A3+B1)           | 47.713         | 729.166         | 3) REL                         | 16.701         | 261.407         |
| 4) Wind (B2)             | 14.342         | 256.296         | <b>TOTAL STATE</b>             | <b>290.918</b> | <b>4640.425</b> |
| 5) CPP (B3)              | 26.786         | 457.807         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>209.637</b> | <b>3575.088</b> |                                |                |                 |

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

| PARTICULARS                      | A. Morning Peak at 10 Hrs | B. Evening Peak at 21 Hrs | C. Night Minimum at 4 Hrs |
|----------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                  | 3195                      | 3337                      | 3170                      |
| MSGENCO Hydro                    | 398                       | 629                       | 115                       |
| MSGENCO Gas                      | 428                       | 297                       | 444                       |
| <b>MSGENCO Total Generation</b>  | <b>4021</b>               | <b>4263</b>               | <b>3729</b>               |
| <b>Central Sector Receipt</b>    | <b>3640</b>               | <b>3843</b>               | <b>2509</b>               |
| <b>RGPPL</b>                     | <b>1629</b>               | <b>1638</b>               | <b>1628</b>               |
| <b>WIND</b>                      | <b>523</b>                | <b>664</b>                | <b>625</b>                |
| <b>CPP</b>                       | <b>1117</b>               | <b>1120</b>               | <b>1087</b>               |
| <b>Exchange with Mumbai</b>      | <b>-703</b>               | <b>-514</b>               | <b>-348</b>               |
| <b>MSEDCL DEMAND MET</b>         | <b>10227</b>              | <b>11039</b>              | <b>9230</b>               |
| <b>Load Shedding (LS)</b>        | <b>35</b>                 | <b>30</b>                 | <b>35</b>                 |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>10262</b>              | <b>11069</b>              | <b>9265</b>               |
| <b>TPCL GENERATION</b>           | <b>1485</b>               | <b>1363</b>               | <b>817</b>                |
| <b>REL GENERATION</b>            | <b>261</b>                | <b>524</b>                | <b>262</b>                |
| <b>TPCL+REL DEMAND</b>           | <b>2449</b>               | <b>2401</b>               | <b>1427</b>               |
| <b>STATE DEMAND MET</b>          | <b>12676</b>              | <b>13440</b>              | <b>10657</b>              |
| <b>Load Management (LM)</b>      | <b>1185</b>               | <b>2283</b>               | <b>1114</b>               |
| <b>Total Load Relief (LS+LM)</b> | <b>1220</b>               | <b>2313</b>               | <b>1149</b>               |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>13896</b>              | <b>15753</b>              | <b>11806</b>              |
| <b>Frequency (Hz)</b>            | <b>50.01</b>              | <b>49.94</b>              | <b>50.03</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.                | MINIMUM FREQ.               | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz     |
|------------------------------|-----------------------------|---------------|-------------------------|
| <b>50.34 Hz at 18.03 Hrs</b> | <b>49.6 Hz at 14.47 Hrs</b> | <b>49.94</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 15/Jul/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.32        | 55.96         | 150      | 130      | 155      |
| Unit 6           | 3.79        | 55.13         | 175      | 142      | 155      |
| Unit 7           | 3.98        | 52.20         | 190      | 135      | 160      |
|                  | 11.08       | 163.30        |          |          | 470      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.14        | 35.40         | 175      | 50       | 170      |
| Unit 3           | 3.94        | 29.46         | 175      | 155      | 180      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        |          |
|                  | 7.08        | 64.86         |          |          | 350      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 32.15         | 0        | 0        | 0        |
| Unit 4           | 0.00        | 23.53         | 0        | 0        | 0        |
| Unit 5           | 0.00        | 36.70         | 0        | 0        | 0        |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 7           | 2.84        | 33.81         | 172      | 82       | 150      |
|                  | 2.84        | 126.20        |          |          | 150      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.09        | 47.11         | 139      | 101      | 140      |
| Unit 2           | 0.61        | 40.43         | 106      | 0        | 0        |
| Unit 3           | 3.78        | 59.62         | 181      | 138      | 150      |
| Unit 4           | 3.92        | 58.84         | 170      | 155      | 150      |
| Unit 5           | 8.28        | 133.78        | 360      | 315      | 350      |
| Unit 6           | 0.00        | 95.70         | 0        | 0        | 0        |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 19.67       | 435.48        |          |          | 790      |
| Paras            |             |               |          |          |          |
| Unit 3           | 2.74        | 55.72         | 178      | 76       | 90       |
| Unit 4           | 4.66        | 60.81         | 209      | 177      | 200      |
|                  | 7.40        | 116.53        |          |          | 290      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.08        | 64.42         | 205      | 130      | 180      |
| Unit 2           | 4.14        | 63.45         | 191      | 35       | 190      |
| Unit 3           | 4.78        | 69.80         | 222      | 160      | 210      |
| Unit 4           | 5.09        | 72.89         | 225      | 198      | 200      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        |          |
|                  | 18.08       | 270.57        |          |          | 780      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 3           | 3.85        | 44.14         | 175      | 130      | 162      |
| Unit 4           | 3.77        | 34.39         | 172      | 120      | 142      |
| Unit 5           | 3.32        | 46.46         | 167      | 115      | 142      |
|                  | 10.94       | 124.99        |          |          | 446      |
| Uran             |             |               |          |          |          |
| All Units        | 8.61        | 153.28        | 451      | 291      | 420      |
|                  | 8.61        | 153.28        |          |          | 420      |
| Dabhol           |             |               |          |          |          |
| RGPPL            | 39.10       | 575.88        | 1650     | 1600     | 1570     |
|                  | 39.10       | 575.88        |          |          | 1570     |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.10        | 53.82         | 115      | 40       | 530      |
| Stage 4          | 0.03        | 66.37         | 27       | 0        | 250      |
| Stage 3          | 0.86        | 34.65         | 160      | 0        | 320      |
|                  | 1.99        | 154.84        |          |          | 1100     |
| Kovna 12&4 Total | 1.13        | 120.19        |          |          | 780      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.00        | 0.00          | 0        | 0        | 0        |
| VTRNA           | 0.00        | 11.19         | 0        | 0        | 0        |
| TILLARI         | 0.25        | 5.14          | 61       | 0        | 60       |
| BHTGR/VEER      | 0.00        | 0.00          | 0        | 0        | 0        |
| BHIRA T.R.      | 0.47        | 6.92          | 82       | 0        | 80       |
| RNGR+BHTSA      | 0.05        | 2.24          | 2        | 2        | 2        |
| BHANDARDRA      | 0.72        | 6.08          | 30       | 30       | 20       |
| ELDARY          | 0.00        | 0.00          | 0        | 0        | 0        |
| SMLHY PTN       | 1.00        | 11.06         | 49       | 38       | 18       |
| GHATGHAR        | 1.12        | 8.97          | 235      | 0        | 0        |
|                 | 3.61        | 51.60         |          |          | 180      |
| PENCH (MS)      |             |               |          |          |          |
| Pench (MS)      | 0.07        | 1.18          | 25       | 0        |          |
|                 | 0.07        | 1.18          |          |          |          |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.72        | 10.10         |          |          |          |
| Vankuswadi      | 1.38        | 22.48         |          |          |          |
| ATIT            | 0.72        | 7.51          |          |          |          |
| Kale            | 0.58        | 6.96          |          |          |          |
| Satara          | 1.14        | 18.39         |          |          |          |
| Shirala         | 0.58        | 7.98          |          |          |          |
| K Mahankal      | 0.57        | 14.39         |          |          |          |
| Supa            | 0.15        | 2.95          |          |          |          |
| Vita            | 3.17        | 38.93         |          |          |          |
| Dondaicha       | 2.88        | 79.54         |          |          |          |
| Sakri           | 0.55        | 11.43         |          |          |          |
| Nandurbar       | 0.41        | 8.39          |          |          |          |
| Khandke         | 1.03        | 15.18         |          |          |          |
| Khaparale       | 0.48        | 12.06         |          |          |          |
|                 | 14.34       | 256.30        |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 15.55       | 269.32        | 674      | 623      | 635      |
| WARDHA          | 6.51        | 111.84        | 285      | 257      | 300      |
| Other CPPs      | 4.72        | 76.65         |          |          |          |
|                 | 26.79       | 457.81        |          |          | 935      |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 11.48       | 144.86        | 490      | 460      | 490      |
| Trombay 6       | 7.57        | 92.32         | 510      | 150      | 500      |
| Trombay 7A      | 2.89        | 42.48         | 122      | 119      | 120      |
| Trombay 7B      | 1.58        | 23.51         | 66       | 65       | 60       |
| Trombay 8       | 0.27        | 63.76         | 150      | 0        | 0        |
| TATA Hydro      | 6.13        | 79.84         | 459      | 0        | 447      |
|                 | 29.93       | 446.77        |          |          | 1617     |
| REL             |             |               |          |          |          |
| 1&2             | 8.10        | 175.51        | 525      | 260      | 250      |
|                 | 8.10        | 175.51        |          |          | 250      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 3338     |
|                 |             |               |          |          | 3338     |

|                |          |        |         |  |  |       |
|----------------|----------|--------|---------|--|--|-------|
| MS<br>PG<br>CL | Thermal  | 77.09  | 1301.92 |  |  | 3276  |
|                | Thml+Gas | 85.71  | 1455.20 |  |  | 3696  |
|                | Hydro    | 5.60   | 206.44  |  |  | 1280  |
|                | Total    | 91.31  | 1661.64 |  |  | 4976  |
| State Total    |          | 209.64 | 3575.09 |  |  | 12686 |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/Jul/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                  | 3201        | 110  | 446  | 3757  | 1625  | 886   | 1107  | 2844        | 2705        | -535         | -473                 | 9607                    | 1302                        | 9642                            | 1667                    | 12576                          | 50.00         |
| 2                  | 3184        | 110  | 445  | 3739  | 1619  | 944   | 1112  | 2549        | 2500        | -535         | -335                 | 9579                    | 1211                        | 9614                            | 1552                    | 12342                          | 49.90         |
| 3                  | 3193        | 110  | 441  | 3744  | 1623  | 835   | 1109  | 2353        | 2656        | -535         | -405                 | 9562                    | 1183                        | 9597                            | 1464                    | 12209                          | 49.98         |
| 4                  | 3170        | 115  | 444  | 3729  | 1628  | 625   | 1087  | 2338        | 2509        | -535         | -348                 | 9230                    | 1149                        | 9265                            | 1427                    | 11806                          | 50.03         |
| 5                  | 3110        | 116  | 445  | 3671  | 1650  | 613   | 1113  | 2338        | 2752        | -520         | -346                 | 9453                    | 1145                        | 9488                            | 1429                    | 12027                          | 49.92         |
| 6                  | 3194        | 111  | 451  | 3756  | 1650  | 567   | 1110  | 2824        | 3215        | -505         | -426                 | 9872                    | 1229                        | 9907                            | 1510                    | 12611                          | 49.96         |
| 7                  | 3240        | 116  | 446  | 3802  | 1647  | 529   | 1087  | 2933        | 3634        | -505         | -541                 | 10158                   | 1230                        | 10193                           | 1618                    | 13006                          | 49.98         |
| 8                  | 3212        | 153  | 443  | 3808  | 1646  | 426   | 1110  | 3024        | 3868        | -505         | -597                 | 10261                   | 1230                        | 10296                           | 1765                    | 13256                          | 50.00         |
| 9                  | 3283        | 213  | 436  | 3932  | 1638  | 469   | 1104  | 3016        | 3837        | -505         | -616                 | 10364                   | 1230                        | 10399                           | 2082                    | 13676                          | 49.97         |
| 10                 | 3195        | 398  | 428  | 4021  | 1629  | 523   | 1117  | 3201        | 3640        | -569         | -703                 | 10227                   | 1220                        | 10262                           | 2449                    | 13896                          | 50.01         |
| 11                 | 3089        | 488  | 301  | 3878  | 1615  | 485   | 1110  | 3427        | 3670        | -729         | -824                 | 9934                    | 1186                        | 9969                            | 2654                    | 13774                          | 49.92         |
| 12                 | 3135        | 459  | 293  | 3887  | 1612  | 466   | 1113  | 3545        | 3699        | -778         | -876                 | 9901                    | 1139                        | 9936                            | 2755                    | 13795                          | 49.90         |
| 13                 | 3150        | 313  | 299  | 3762  | 1600  | 426   | 1115  | 3514        | 3719        | -732         | -819                 | 9803                    | 1137                        | 9838                            | 2693                    | 13633                          | 49.90         |
| 14                 | 3197        | 191  | 298  | 3686  | 1614  | 354   | 1118  | 3421        | 3581        | -640         | -717                 | 9636                    | 1137                        | 9671                            | 2545                    | 13318                          | 50.00         |
| 15                 | 3108        | 218  | 300  | 3626  | 1602  | 378   | 1113  | 3315        | 3776        | -648         | -718                 | 9777                    | 1143                        | 9812                            | 2543                    | 13463                          | 49.86         |
| 16                 | 3165        | 156  | 305  | 3626  | 1622  | 452   | 1123  | 3110        | 3768        | -565         | -680                 | 9911                    | 1165                        | 9946                            | 2528                    | 13604                          | 49.23         |
| 17                 | 3263        | 111  | 305  | 3679  | 1635  | 630   | 1109  | 3019        | 3625        | -469         | -615                 | 10063                   | 1205                        | 10093                           | 2516                    | 13784                          | 50.02         |
| 18                 | 3290        | 159  | 302  | 3751  | 1641  | 741   | 1129  | 2965        | 2926        | -414         | -456                 | 9732                    | 1390                        | 9762                            | 2491                    | 13613                          | 50.05         |
| 19                 | 3352        | 247  | 300  | 3899  | 1637  | 834   | 1144  | 3079        | 3092        | -430         | -442                 | 10164                   | 2083                        | 10194                           | 2461                    | 14708                          | 50.02         |
| 20                 | 3310        | 367  | 291  | 3968  | 1633  | 791   | 1129  | 3275        | 3878        | -505         | -505                 | 10906                   | 2302                        | 10936                           | 2472                    | 15680                          | 49.91         |
| 21                 | 3337        | 629  | 297  | 4263  | 1638  | 664   | 1120  | 3291        | 3843        | -505         | -514                 | 11039                   | 2313                        | 11069                           | 2401                    | 15753                          | 49.94         |
| 22                 | 3366        | 479  | 304  | 4149  | 1640  | 610   | 1140  | 3291        | 3595        | -505         | -500                 | 10658                   | 2313                        | 10688                           | 2258                    | 15229                          | 50.02         |
| 23                 | 3296        | 116  | 296  | 3708  | 1631  | 573   | 1128  | 3178        | 3463        | -505         | -450                 | 10063                   | 2313                        | 10093                           | 2101                    | 14477                          | 49.99         |
| 24                 | 3054        | 116  | 298  | 3468  | 1624  | 521   | 1139  | 2955        | 3333        | -398         | -363                 | 9722                    | 2066                        | 9752                            | 1918                    | 13706                          | 49.95         |
| MUs                | 77.09       | 5.60 | 8.61 | 91.31 | 39.10 | 14.34 | 26.79 | 72.80       | 81.28       | -13.08       | -13.27               | 239.62                  | 35.02                       | 240.42                          | 51.30                   | 325.94                         | 49.94         |

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 15/Jul/2011**

Position as on 6.30 Hrs of 16/Jul/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                                                | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                                                 |               |
| Dabhol 1A               | 230      | 20/05/2011   | 13.22        |            | Continued. | Rotor replacement.                                              | 22/07/2011    |
| Parli Unit 6            | 250      | 16/06/2011   | 05.50        |            | Continued. | Annual Overhaul                                                 | 20/07/2011    |
| Chandrapur Unit 7       | 500      | 29/06/2011   | 21:40        |            | Continued. | COH                                                             | 16/08/2011    |
| Koyna Unit 4            | 75       | 07/07/2011   | 11:20        |            | Continued. | Runner Replacement Work.                                        | 17/07/2011    |
| Parli Unit 3            | 210      | 13/07/2011   | 07.15        |            | Continued. | Coal mill problem.                                              | 17/07/2011    |
| CPP WPCL U-2            | 135      | 14/07/2011   | 18:40        |            | Continued. | Maintenance work.                                               | 25/07/2011    |
| Tata Trombay 8          | 250      | 15/07/2011   | 01:45        |            | Continued. | AOH                                                             | 08/08/2011    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                                                 |               |
| Uran Unit 8             | 108      | 06/06/2011   | 23.12        |            | Continued. | Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst. | 10/08/2011    |
| Parli Unit 4            | 210      | 09/07/2011   | 13.10        |            | Continued. | Low Condenser Vacuum.                                           | 17/07/2011    |
| Chandrapur Unit 6       | 500      | 12/07/2011   | 17.24        |            | Continued. | Boiler Tube Leakage.                                            | 17/07/2011    |
| Koyna ST - IV 4         | 250      | 13/07/2011   | 09.35        | 16/07/2011 | 00.01      | Tripped due to DCS system problem.                              |               |
| Chandrapur Unit 2       | 210      | 13/07/2011   | 23.06        | 15/07/2011 | 15.07      | Furnace pressure high.                                          |               |
| REL 1                   | 250      | 14/07/2011   | 01.00        | 15/07/2011 | 16.16      | Boiler Tube Leakage.                                            |               |
| Parli Unit 5            | 210      | 14/07/2011   | 16:18        |            | Continued. | Wet Coal.                                                       | 16/07/2011    |
| Uran Unit 5             | 108      | 15/07/2011   | 10.40        |            | Continued. | Turbine Blade Replacement.                                      | 10/08/2011    |
| Khaparkheda Unit 2      | 210      | 15/07/2011   | 23.13        | 16/07/2011 | 04.02      | Stator Water Conductivity Problem.                              |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 15/Jul/2011**

Position as on 6.30 Hrs of 16/Jul/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>   |                    |                                                              |
| Kolhapur - Mapusa - II                | 06/07/2011   | 18.07        |                                   | Continued.         | Over Voltage.                                                |
| Wardha - Akola - I                    | 06/07/2011   | 18.16        |                                   | Continued.         | Over Voltage.                                                |
| Akola - Aurangabad - I                | 08/07/2011   | 20.31        |                                   | Continued.         | Over Voltage.                                                |
| Dhule - S'Sarovar - II                | 13/07/2011   | 00.41        | 15/07/2011                        | 08.55              | Over Voltage.                                                |
| Dhule-Sar'Sarovar - I                 | 14/07/2011   | 23:18        |                                   | Continued.         | Over Voltage.                                                |
| Karad - Solapur (PGCIL)               | 15/07/2011   | 23.17        |                                   | Continued.         | Over Voltage.                                                |
| Dhule-Sar'Sarovar - II                | 15/07/2011   | 23.37        |                                   | Continued.         | Over Voltage.                                                |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                              |
| Wardha - Akola - II                   | 09/07/2011   | 00.03        |                                   | Continued.         | Over Voltage.                                                |
| <b>IntraState</b>                     |              |              |                                   |                    |                                                              |
| <b>Voltage Level : 500KV</b>          |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                              |
| Chandrapur-Padaghe Pole - II          | 15/07/2011   | 15.19        | 15/07/2011                        | 17.12              | Replacement of Faulty Capacitor in D C Filler Capacitor Bam. |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                              |
| 400/220KV 315MVA ICT-II @ New Koyna   | 15/07/2011   | 09.30        | 15/07/2011                        | 17.18              | Changing Conductor of L V Side R Ph. Bushing.                |
| 400/220KV 315MVA ICT-II @ Aurangabad. | 15/07/2011   | 12.29        | 15/07/2011                        | 17.04              | L V Side B Ph. C T Leakage.                                  |
| <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(8 MonthOutage)                      |
| 220/132KV,100 MVA ICT-III at Girwali. | 21/06/2011   | 10.44        |                                   | Continued.         | Augmentation of ICT by new 200 MVA ICT upto 30.07.2011       |
| Karad-Sada Waghapur                   | 15/07/2011   | 07.44        | 15/07/2011                        | 16.04              | Stringing of 400KV Karad-Jaigad Line.                        |
| Karad-M'peth                          | 15/07/2011   | 07.45        | 15/07/2011                        | 16.16              | Stringing of 400KV Karad-Jaigad Line.                        |
| Karad-Pophali                         | 15/07/2011   | 07.48        | 15/07/2011                        | 16.35              | Stringing of 400KV Karad-Jaigad Line.                        |
| Khaperkheda - Wardha.                 | 15/07/2011   | 08.17        | 15/07/2011                        | 15.45              | Q.M.Work.                                                    |
| 220/132KV 100 MVA ICT-I @ Padegaon    | 15/07/2011   | 08.25        | 15/07/2011                        | 13.59              | Erection of 220KV Bus Sectionalizer.                         |
| 220/132 KV 100MVA ICT-III @ Padegaon  | 15/07/2011   | 08.25        | 15/07/2011                        | 14.00              | Erection of 220KV Bus Sectionalizer.                         |
| Aurangabad - Padegaon - I.            | 15/07/2011   | 08.41        | 15/07/2011                        | 16.52              | Brection of 220KV Bus Sectionailzer.                         |
| 220/132 KV 200 MVA ICT-II @ Boiser    | 15/07/2011   | 09.47        | 15/07/2011                        | 12.45              | Maintenance Work.                                            |
| Chalisgaon - Malegaon                 | 15/07/2011   | 09.53        | 15/07/2011                        | 13.19              | Q.M.Work.                                                    |
| Ghodbander-Varsova-II                 | 15/07/2011   | 09.59        | 15/07/2011                        | 14.16              | Repairing R Ph. Conductor Between Span LS 330-331.           |
| Apta-Uran-III                         | 15/07/2011   | 10.35        | 15/07/2011                        | 13.10              | E/W Replacement.                                             |
| Koradi-Butibori                       | 15/07/2011   | 10.37        |                                   | Continued.         | Control Panel Shifting Work.                                 |
| Wada-Kolshet                          | 15/07/2011   | 10.45        | 15/07/2011                        | 13.24              | Bus Isolator Control Box Replacement.                        |
| Apta-Uran-IV                          | 15/07/2011   | 10.50        | 15/07/2011                        | 15.20              | E/W Replacement.                                             |
| 220/100 KV 125 MVA ICT - II @ Jambhul | 15/07/2011   | 11.10        | 15/07/2011                        | 15.34              | Fire Detector Sensur Testing Work.                           |
| Ghatghar-Jindal                       | 15/07/2011   | 12.15        | 15/07/2011                        | 18.05              | Hot Spot.                                                    |
| 220/132 KV 100MVA ICT I at Pusad      | 15/07/2011   | 13.45        | 15/07/2011                        | 17.06              | For Retrofitting of Differantial Relay.                      |
| 220/132KV, 200MVA ICT-                | 15/07/2011   | 14.15        | 15/07/2011                        | 17.34              | Hot Spot.                                                    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 15/Jul/2011**

Position as on 6.30 Hrs of 16/Jul/2011

| Name of Line                            | Tripped Date | Tripped Time | Synchronised Date               | Synchronised Time | Reason of Outage                                           |
|-----------------------------------------|--------------|--------------|---------------------------------|-------------------|------------------------------------------------------------|
| 1@Boiser                                |              |              |                                 |                   |                                                            |
| Dhule - Dondaicha                       | 15/07/2011   | 14.20        | 15/07/2011                      | 16.48             | To Attend Air Compressor Problem.                          |
| M'Peth - Vankuswade                     | 15/07/2011   | 16.24        | 15/07/2011                      | 20.02             | Hot Spot.                                                  |
| Kalwa-Colourchem                        | 15/07/2011   | 16.25        | 15/07/2011                      | 17.40             | Hot Spot.                                                  |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b> |                   |                                                            |
| Bhusawal- Aurangabad                    | 06/07/2011   | 17.59        |                                 | Continued.        | Over Voltage.                                              |
| Karad - Kolhapur - II                   | 13/07/2011   | 17.34        |                                 | Continued.        | Over Voltage                                               |
| Lonikand- Koyna Stage IV                | 14/07/2011   | 21:24        | 15/07/2011                      | 07.40             | Over Voltage.                                              |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b> |                   |                                                            |
| Bus Coupler @ WPCL                      | 07/06/2011   | 17.22        |                                 | Continued.        | As being normally kept open.                               |
| Phursungi - Theur                       | 02/07/2011   | 19.30        |                                 | Continued.        | To Control Loading.                                        |
| Chandrapur - Warora                     | 03/07/2011   | 21.47        |                                 | Continued.        | To Control Wrr-Wrd & Wrr-Hgkat Loading.                    |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                            |
| 400/220KV 105 MVA Spare ICT at Parly II | 22/04/2011   | 13.50        |                                 | Continued.        | To Remove Trip Coil Assembly for Bus Coupler.              |
| Lonikand-Karad                          | 15/07/2011   | 05:53        | 15/07/2011                      | 06.40             | Distance Protection.                                       |
| Dabhol-Nagothane - II                   | 15/07/2011   | 06:06        | 15/07/2011                      | 07.30             | 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). |
| 220/100KV 125 MVA ICT-I @ Kalwa         | 19/06/2011   | 13.45        |                                 | Continued.        | Buchholz Augmentation by 200 MVA.Expected in Sept.2011.    |
| Walve - Gangapur                        | 15/07/2011   | 04:58        | 15/07/2011                      | 08.05             | Dist. Protn.                                               |
| Sahara-Urse                             | 15/07/2011   | 05:42        | 15/07/2011                      | 06:13             | Dist. Protn.                                               |
| Girivali - Parli - III                  | 15/07/2011   | 21.31        |                                 | Continued.        | R PH.L A Burst.                                            |
| Bale-Murud                              | 16/07/2011   | 02.45        |                                 | Continued.        | B Ph. L A Burst.                                           |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                            |
| Nandurbar - Visarwadi                   | 15/07/2011   | 15.20        | 15/07/2011                      | 19.25             | Distance Protection.                                       |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 16/Jul/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 140         |
| Unit 6             | 210                   | 130         |
| Unit 7             | 210                   | 140         |
|                    | <b>620</b>            | <b>410</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 0                     |             |
|                    | <b>420</b>            | <b>350</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 170         |
|                    | <b>1130</b>           | <b>170</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 130         |
| Unit 2             | 210                   | 100         |
| Unit 3             | 210                   | 150         |
| Unit 4             | 210                   | 150         |
| Unit 5             | 500                   | 350         |
| Unit 6             | 500                   | 0           |
| Unit 7             | 500                   | 0           |
|                    | <b>2340</b>           | <b>880</b>  |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 80          |
| Unit 4             | 250                   | 180         |
|                    | <b>500</b>            | <b>260</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 0                     |             |
|                    | <b>840</b>            | <b>730</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   |             |
| Unit 2             | 120                   |             |
| Unit 3             | 210                   | 152         |
| Unit 4             | 210                   | 142         |
| Unit 5             | 210                   | 152         |
|                    | <b>870</b>            | <b>446</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 280         |
|                    | <b>852</b>            | <b>280</b>  |
| <b>Dabhol</b>      |                       |             |
| RGPP               | 1940                  | 1590        |
|                    | <b>1940</b>           | <b>1590</b> |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 530         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1100</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 0           |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 0           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 2           |
| BHANDARDRA        | 45                    | 30          |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 0           |
| GHATGHAR          | 250                   |             |
|                   | <b>611</b>            | <b>172</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                   | 635         |
| WARDHA            | 405                   | 260         |
| Other CPPs        | 0                     |             |
|                   | <b>1005</b>           | <b>895</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 490         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 0           |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1617</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3455                  | 3412        |
|                   | <b>3455</b>           | <b>3412</b> |