



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**28/Aug/2011**

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

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 57.709         | 2016.871        | 1) Madhya Pradesh              | 46.195         | 1344.904        |
| 2) Hydro                 | 10.564         | 406.344         | 2) Gujrat                      | 42.974         | 1235.225        |
| 3) Gas                   | 14.569         | 347.727         | 3) Goa                         | -4.911         | -161.118        |
| <b>Total MSGENCO</b>     | <b>82.842</b>  | <b>2770.942</b> | 4) TAPS 1&2 (Inj.)             | 6.913          | 216.241         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.185         | -5.550          |
| 1) RGPPL Gas             | 30.779         | 1018.389        | <b># Total Cent. Sector</b>    | <b>90.986</b>  | <b>2629.702</b> |
| 2) Wind Generation       | 20.414         | 513.205         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                   | 18.768         | 602.010         | 1) With TPCL (Excess)          | -14.449        | -369.577        |
| 4) PENCH (MS)            | 0.185          | 7.136           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 12.381         | 631.304         |
| 1) TPCL Thermal          | 18.851         | 621.192         | Include PX                     | 0.000          | 159.374         |
| 2) TPCL Hydro            | 3.614          | 142.143         | 2) MUMBAI Bilateral            | 12.544         | 365.308         |
| <b>TOTAL TPCL</b>        | <b>22.465</b>  | <b>763.335</b>  | Include PX                     | 2.199          | 20.581          |
| 3) REL Thermal           | 5.189          | 318.544         | 3) MUMBAI Schedule             | 12.544         | 369.810         |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 81.749         | 2956.607        | 1) MSEDCL                      | 229.525        | 7171.807        |
| 2) Hydro (A2+B3+C2)      | 14.363         | 555.623         | 2) TPCL                        | 28.219         | 964.390         |
| 3) Gas (A3+B1)           | 45.348         | 1366.116        | 3) REL                         | 13.882         | 486.852         |
| 4) Wind (B2)             | 20.414         | 513.205         | <b>TOTAL STATE</b>             | <b>271.626</b> | <b>8623.049</b> |
| 5) CPP (B3)              | 18.768         | 602.010         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>180.642</b> | <b>5993.561</b> |                                |                |                 |

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

| PARTICULARS                      | A. Morning Peak at 10 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 5 Hrs |
|----------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                  | 2469                      | 2414                      | 2448                      |
| MSGENCO Hydro                    | 672                       | 973                       | 194                       |
| MSGENCO Gas                      | 607                       | 598                       | 610                       |
| <b>MSGENCO Total Generation</b>  | <b>3748</b>               | <b>3985</b>               | <b>3252</b>               |
| <b>Central Sector Receipt</b>    | <b>4575</b>               | <b>3897</b>               | <b>3211</b>               |
| <b>RGPPL</b>                     | <b>1313</b>               | <b>1300</b>               | <b>1189</b>               |
| <b>WIND</b>                      | <b>751</b>                | <b>940</b>                | <b>944</b>                |
| <b>CPP</b>                       | <b>684</b>                | <b>876</b>                | <b>704</b>                |
| <b>Exchange with Mumbai</b>      | <b>-715</b>               | <b>-551</b>               | <b>-468</b>               |
| <b>MSEDCL DEMAND MET</b>         | <b>10356</b>              | <b>10473</b>              | <b>8832</b>               |
| <b>Load Shedding (LS)</b>        | <b>52</b>                 | <b>47</b>                 | <b>47</b>                 |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>10408</b>              | <b>10520</b>              | <b>8879</b>               |
| <b>TPCL GENERATION</b>           | <b>949</b>                | <b>1191</b>               | <b>755</b>                |
| <b>REL GENERATION</b>            | <b>190</b>                | <b>262</b>                | <b>191</b>                |
| <b>TPCL+REL DEMAND</b>           | <b>1854</b>               | <b>2004</b>               | <b>1414</b>               |
| <b>STATE DEMAND MET</b>          | <b>12210</b>              | <b>12477</b>              | <b>10246</b>              |
| <b>Load Management (LM)</b>      | <b>891</b>                | <b>1768</b>               | <b>872</b>                |
| <b>Total Load Relief (LS+LM)</b> | <b>943</b>                | <b>1815</b>               | <b>919</b>                |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>13153</b>              | <b>14292</b>              | <b>11165</b>              |
| <b>Frequency (Hz)</b>            | <b>49.94</b>              | <b>49.68</b>              | <b>49.97</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.                | MINIMUM FREQ.                | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz     |
|------------------------------|------------------------------|---------------|-------------------------|
| <b>50.38 Hz at 06.03 Hrs</b> | <b>49.26 Hz at 19.09 Hrs</b> | <b>49.93</b>  | <b>0 % of Time(min)</b> |

\* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 28/Aug/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.40        | 89.13         | 162      | 103      | 160      |
| Unit 6           | 3.47        | 73.75         | 156      | 117      | 155      |
| Unit 7           | 3.64        | 94.89         | 170      | 120      | 165      |
|                  | 10.51       | 257.76        |          |          | 480      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 58.80         | 0        | 0        | 0        |
| Unit 3           | 2.98        | 68.78         | 170      | 105      | 130      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        |          |
|                  | 2.98        | 127.58        |          |          | 130      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 3.78          | 0        | 0        | 0        |
| Unit 4           | 1.18        | 71.80         | 120      | 0        | 110      |
| Unit 5           | 1.93        | 42.06         | 97       | 54       | 80       |
| Unit 6           | 3.62        | 48.31         | 199      | 100      | 160      |
| Unit 7           | 0.00        | 65.16         | 0        | 0        | 0        |
|                  | 6.73        | 231.12        |          |          | 350      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 1.52        | 82.24         | 73       | 50       | 60       |
| Unit 2           | 1.53        | 75.30         | 74       | 48       | 60       |
| Unit 3           | 1.80        | 84.37         | 92       | 62       | 70       |
| Unit 4           | 0.00        | 53.08         | 0        | 0        | 0        |
| Unit 5           | 5.84        | 222.54        | 290      | 205      | 260      |
| Unit 6           | 5.51        | 148.46        | 280      | 189      | 240      |
| Unit 7           | 1.70        | 1.70          | 150      | 0        | 0        |
|                  | 17.90       | 667.69        |          |          | 690      |
| Paras            |             |               |          |          |          |
| Unit 3           | 0.00        | 53.20         | 0        | 0        | 0        |
| Unit 4           | 2.15        | 80.31         | 118      | 64       | 80       |
|                  | 2.15        | 133.51        |          |          | 80       |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 2.40        | 100.45        | 160      | 0        | 140      |
| Unit 2           | 3.29        | 104.72        | 153      | 107      | 150      |
| Unit 3           | 3.44        | 108.47        | 164      | 125      | 150      |
| Unit 4           | 3.36        | 102.04        | 151      | 119      | 150      |
| Unit 5           | 0.00        | 12.97         | 0        | 0        |          |
|                  | 12.48       | 428.65        |          |          | 590      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 3           | 3.06        | 16.99         | 150      | 100      | 102      |
| Unit 4           | 0.00        | 75.56         | 0        | 0        | 0        |
| Unit 5           | 1.89        | 78.01         | 131      | 0        | 102      |
|                  | 4.95        | 170.56        |          |          | 204      |
| Uran             |             |               |          |          |          |
| All Units        | 14.57       | 347.73        | 624      | 587      | 600      |
|                  | 14.57       | 347.73        |          |          | 600      |
| Dabhol           |             |               |          |          |          |
| RGPPL            | 30.78       | 1018.39       | 1319     | 1186     | 1270     |
|                  | 30.78       | 1018.39       |          |          | 1270     |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.58        | 83.94         | 215      | 35       | 600      |
| Stage 4          | 0.00        | 130.57        | 0        | 0        | 250      |
| Stage 3          | 2.96        | 63.78         | 320      | 0        | 320      |
|                  | 4.54        | 278.30        |          |          | 1170     |
| Kovna 12&4 Total | 1.58        | 214.51        |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.90        | 24.05         | 38       | 37       | 0        |
| VTRNA           | 0.91        | 3.34          | 61       | 0        | 61       |
| TILLARI         | 0.77        | 20.22         | 60       | 0        | 60       |
| BHTGR/VEER      | 0.12        | 4.95          | 5        | 5        | 6        |
| BHIRA T.R.      | 0.50        | 13.11         | 82       | 0        | 80       |
| RNGR+BHTSA      | 0.41        | 1.92          | 17       | 17       | 2        |
| BHANDARDRA      | 0.77        | 14.15         | 32       | 32       | 30       |
| ELDARY          | 0.00        | 0.00          | 0        | 0        | 0        |
| SMLHY PTN       | 1.34        | 35.52         | 63       | 53       | 10       |
| GHATGHAR        | 0.30        | 10.79         | 125      | 0        | 0        |
|                 | 6.02        | 128.05        |          |          | 249      |
| PENCH (MS)      |             |               |          |          |          |
| Pench (MS)      | 0.18        | 7.14          | 47       | 0        |          |
|                 | 0.18        | 7.14          |          |          |          |
| Wind            |             |               |          |          |          |
| MalharPeth      | 2.10        | 31.71         |          |          |          |
| Vankuswadi      | 2.07        | 48.48         |          |          |          |
| ATIT            | 1.42        | 12.64         |          |          |          |
| Kale            | 0.77        | 15.33         |          |          |          |
| Satara          | 2.20        | 60.55         |          |          |          |
| Shirala         | 1.23        | 17.74         |          |          |          |
| K Mahankal      | 1.01        | 21.51         |          |          |          |
| Supa            | 0.16        | 6.86          |          |          |          |
| Vita            | 4.33        | 71.44         |          |          |          |
| Dondaicha       | 2.18        | 135.97        |          |          |          |
| Sakri           | 0.32        | 23.15         |          |          |          |
| Nandurbar       | 0.26        | 14.06         |          |          |          |
| Khandke         | 1.61        | 30.53         |          |          |          |
| Khaparale       | 0.74        | 23.25         |          |          |          |
|                 | 20.41       | 513.20        |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 10.60       | 353.79        | 529      | 363      | 380      |
| WARDHA          | 5.73        | 169.43        | 268      | 220      | 260      |
| Other CPPs      | 2.44        | 78.80         |          |          |          |
|                 | 18.77       | 602.01        |          |          | 640      |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 6.10        | 313.79        | 280      | 250      | 500      |
| Trombay 6       | 3.72        | 177.90        | 155      | 155      | 500      |
| Trombay 7A      | 3.04        | 60.20         | 128      | 126      | 120      |
| Trombay 7B      | 1.63        | 32.36         | 69       | 67       | 60       |
| Trombay 8       | 4.35        | 36.95         | 213      | 150      | 250      |
| TATA Hydro      | 3.61        | 142.14        | 384      | 0        | 400      |
|                 | 22.46       | 763.34        |          |          | 1830     |
| REL             |             |               |          |          |          |
| 1&2             | 5.19        | 318.54        | 262      | 190      | 250      |
|                 | 5.19        | 318.54        |          |          | 250      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 3642     |
|                 |             |               |          |          | 3642     |

|                |          |        |         |  |  |       |
|----------------|----------|--------|---------|--|--|-------|
| MS<br>PG<br>CL | Thermal  | 57.71  | 2016.87 |  |  | 2524  |
|                | Thml+Gas | 72.28  | 2364.60 |  |  | 3124  |
|                | Hydro    | 10.56  | 406.34  |  |  | 1419  |
|                | Total    | 82.84  | 2770.94 |  |  | 4543  |
| State Total    |          | 180.64 | 5993.56 |  |  | 12175 |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 28/Aug/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                  | 2480        | 261   | 621   | 3362  | 1186  | 859   | 731   | 3587        | 3604        | -555         | -704                 | 9038                    | 1029                        | 9085                            | 1663                    | 11730                          | 49.84         |
| 2                  | 2504        | 184   | 619   | 3307  | 1186  | 964   | 722   | 3428        | 3094        | -472         | -574                 | 8699                    | 966                         | 8746                            | 1519                    | 11184                          | 49.86         |
| 3                  | 2483        | 184   | 619   | 3286  | 1187  | 969   | 704   | 3400        | 3271        | -438         | -517                 | 8900                    | 965                         | 8947                            | 1461                    | 11326                          | 49.88         |
| 4                  | 2434        | 184   | 621   | 3239  | 1190  | 973   | 700   | 3403        | 3200        | -438         | -470                 | 8832                    | 927                         | 8879                            | 1416                    | 11175                          | 49.95         |
| 5                  | 2448        | 194   | 610   | 3252  | 1189  | 944   | 704   | 3403        | 3211        | -438         | -468                 | 8832                    | 919                         | 8879                            | 1414                    | 11165                          | 49.97         |
| 6                  | 2517        | 260   | 618   | 3395  | 1278  | 915   | 704   | 3403        | 3430        | -438         | -520                 | 9202                    | 961                         | 9249                            | 1466                    | 11629                          | 49.91         |
| 7                  | 2579        | 349   | 615   | 3543  | 1316  | 879   | 703   | 3403        | 3639        | -438         | -545                 | 9535                    | 959                         | 9584                            | 1486                    | 11980                          | 50.20         |
| 8                  | 2510        | 378   | 615   | 3503  | 1309  | 758   | 702   | 3428        | 4082        | -462         | -607                 | 9747                    | 959                         | 9796                            | 1548                    | 12254                          | 50.05         |
| 9                  | 2544        | 494   | 619   | 3657  | 1311  | 807   | 681   | 3501        | 4435        | -536         | -639                 | 10252                   | 959                         | 10301                           | 1681                    | 12892                          | 49.96         |
| 10                 | 2469        | 672   | 607   | 3748  | 1313  | 751   | 684   | 3586        | 4575        | -536         | -715                 | 10356                   | 943                         | 10408                           | 1854                    | 13153                          | 49.94         |
| 11                 | 2304        | 673   | 606   | 3583  | 1310  | 611   | 693   | 3716        | 4618        | -536         | -745                 | 10070                   | 926                         | 10121                           | 1946                    | 12942                          | 49.88         |
| 12                 | 2352        | 710   | 624   | 3686  | 1310  | 633   | 720   | 3819        | 4634        | -621         | -811                 | 10172                   | 914                         | 10222                           | 1988                    | 13074                          | 49.88         |
| 13                 | 2350        | 670   | 617   | 3637  | 1310  | 550   | 760   | 3762        | 4407        | -572         | -714                 | 9950                    | 913                         | 10000                           | 1889                    | 12752                          | 49.87         |
| 14                 | 2398        | 392   | 602   | 3392  | 1306  | 826   | 838   | 3540        | 3813        | -592         | -613                 | 9562                    | 915                         | 9614                            | 1869                    | 12346                          | 50.00         |
| 15                 | 2389        | 301   | 601   | 3291  | 1305  | 842   | 857   | 3470        | 3664        | -575         | -551                 | 9408                    | 918                         | 9459                            | 1807                    | 12133                          | 49.91         |
| 16                 | 2350        | 304   | 595   | 3249  | 1313  | 904   | 871   | 3470        | 3597        | -575         | -516                 | 9418                    | 939                         | 9469                            | 1764                    | 12121                          | 50.02         |
| 17                 | 2353        | 316   | 599   | 3268  | 1313  | 912   | 886   | 3470        | 3566        | -575         | -499                 | 9446                    | 982                         | 9497                            | 1744                    | 12172                          | 50.03         |
| 18                 | 2395        | 306   | 601   | 3302  | 1319  | 963   | 880   | 3470        | 3548        | -575         | -532                 | 9480                    | 1152                        | 9531                            | 1796                    | 12428                          | 50.13         |
| 19                 | 2370        | 496   | 587   | 3453  | 1309  | 911   | 878   | 3471        | 3725        | -426         | -544                 | 9732                    | 1649                        | 9781                            | 1895                    | 13276                          | 49.89         |
| 20                 | 2414        | 973   | 598   | 3985  | 1300  | 940   | 876   | 3739        | 3897        | -626         | -551                 | 10473                   | 1815                        | 10520                           | 2004                    | 14292                          | 49.68         |
| 21                 | 2278        | 815   | 588   | 3681  | 1299  | 870   | 872   | 3736        | 4040        | -626         | -635                 | 10174                   | 1822                        | 10221                           | 2083                    | 14079                          | 49.78         |
| 22                 | 2266        | 712   | 595   | 3573  | 1303  | 860   | 890   | 3740        | 3887        | -626         | -650                 | 9910                    | 1822                        | 9957                            | 2033                    | 13765                          | 49.85         |
| 23                 | 2303        | 422   | 599   | 3324  | 1307  | 887   | 862   | 3616        | 3696        | -463         | -744                 | 9379                    | 1822                        | 9426                            | 1963                    | 13164                          | 49.94         |
| 24                 | 2219        | 314   | 593   | 3126  | 1310  | 886   | 850   | 3564        | 3353        | -406         | -585                 | 8958                    | 1596                        | 9005                            | 1814                    | 12368                          | 49.99         |
| MUs                | 57.71       | 10.56 | 14.57 | 82.84 | 30.78 | 20.41 | 18.77 | 85.12       | 90.99       | -12.54       | -14.45               | 229.52                  | 27.77                       | 230.70                          | 42.10                   | 299.40                         | 49.93         |

NOTE : ALL VALUES IN MW

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

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

Position as on 6.30 Hrs of 29/Aug/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.       | 09/09/2011    |
| Chandrapur Unit 7       | 500      | 29/06/2011   | 21:40        | 28/08/2011 | 10.53      | COH                      |               |
| Chandrapur Unit 4       | 210      | 16/08/2011   | 00.04        |            | Continued. | Annual Overhaul.         | 10/09/2011    |
| Paras Unit 3            | 250      | 19/08/2011   | 16.33        |            | Continued. | Annual Overhaul.         | 20/09/2011    |
| Bhusawal Unit 2         | 210      | 22/08/2011   | 15.27        |            | Continued. | AOH.                     | 22/09/2011    |
| Dabhol 2B               | 230      | 22/08/2011   | 23.54        |            | Continued. | Combustion Inspection.   | 07/09/2011    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                          |               |
| Parli Unit 3            | 210      | 02/08/2011   | 12.43        |            | Continued. | Hydrogen leakage.        | 04/09/2011    |
| CPP WPCL U-1            | 135      | 19/08/2011   | 00.48        |            | Continued. | Maintenance work.        | 04/09/2011    |
| CPP JSW (J) U1          | 300      | 19/08/2011   | 21.43        | 28/08/2011 | 11.00      | Condensor Tube Leakage   |               |
| Nasik Unit 4            | 210      | 26/08/2011   | 20.05        | 29/08/2011 | 20.25      | ID Fan Problem           |               |
| Khaparkheda Unit 5      | 500      | 27/08/2011   | 22.51        |            | Continued. | High Drum Level          |               |
| Khaparkheda Unit 1      | 210      | 28/08/2011   | 08.31        | 28/08/2011 | 15.34      | Flame Failure.           |               |
| Parli Unit 4            | 210      | 28/08/2011   | 10.23        | 28/08/2011 | 22.39      | Coal Feeder Choke up.    |               |
| Nasik Unit 5            | 210      | 28/08/2011   | 22.45        |            | Continued. | Furnace Pressure High.   | 03/09/2011    |
| Koradi Unit 6           | 210      | 29/08/2011   | 07.06        | 29/08/2011 | 09.09      | Furnace Pressure High.   |               |
| Chandrapur Unit 6       | 500      | 29/08/2011   | 17.35        |            | Continued. | Station A C Supply Fail. |               |

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

Position as on 6.30 Hrs of 29/Aug/2011

| Name of Line                          | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                          |
|---------------------------------------|--------------|--------------|-----------------------------------|-------------------|-----------------------------------------------------------|
| <b>InterState</b>                     |              |              |                                   |                   |                                                           |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                           |
| Halkarni-Amona I                      | 29/08/2011   | 11.44        |                                   | Continued.        | Retrofitting of Distance Protection Scheme.               |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                           |
| Karad - Solapur (PGCIL)               | 25/08/2011   | 21.39        |                                   | Continued.        | Over Voltage                                              |
| Akola - Aurangabad - II               | 26/08/2011   | 21.28        |                                   | Continued.        | Over Voltage                                              |
| Akola - Wardha - II                   | 27/08/2011   | 03.20        |                                   | Continued.        | Over Voltage                                              |
| Kolhapur - Mapusa - II                | 27/08/2011   | 22.09        |                                   | Continued.        | Over Voltage                                              |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                           |
| Akola - Wardha - I                    | 28/08/2011   | 04.20        |                                   | Continued.        | Over Voltage                                              |
| <b>IntraState</b>                     |              |              |                                   |                   |                                                           |
| <b>Voltage Level : 500KV</b>          |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                           |
| HVDC Pole-I                           | 21/08/2011   | 11.19        | 28/08/2011                        | 17.53             | Annual Maintenance Work.                                  |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                           |
| Koradi - Akola                        | 27/08/2011   | 09.36        | 28/08/2011                        | 08.08             | Line Maint.work,(Ready for charging at 17.55Hrs)          |
| 400/220 KV 315 MVA ICT @ Akola        | 29/08/2011   | 07.06        | 29/08/2011                        | 11.09             | Stringing Work of 220KV Apatapa-Balapur D C Line.         |
| New Koyna-Karad-II                    | 29/08/2011   | 09.18        | 29/08/2011                        | 19.17             | Replacement of Defective C V T.(B Ph.)                    |
| New Koyna - StageIV - I               | 29/08/2011   | 17.19        | 29/08/2011                        | 19.25             | SF 6 Gas Filling Work.                                    |
| <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 30.08.2011.   |
| 220/132 KV 100 MVA ICT-I @ Chikhli.   | 30/07/2011   | 11.45        |                                   | Continued.        | Replacement by 200 MVA ICT.Up to 30.08.2011.              |
| 220/132 KV 250 MVA ICT at Ambazari    | 05/08/2011   | 10.41        |                                   | Continued.        | ICT is to be replaced by 200 MVA ICT Upto 30.8.11.        |
| Khaparkheda - Kanhan - II             | 25/08/2011   | 09.49        |                                   | Continued.        | Tower Height Raising work                                 |
| Kanhan - Bhandara - II                | 25/08/2011   | 09.54        |                                   | Continued.        | Tower Height Raising work                                 |
| Khaparkheda-Kawlewada-I               | 27/08/2011   | 15.00        | 28/08/2011                        | 20.14             | Taking Distance Scheme in service                         |
| Borivali-Boisar                       | 28/08/2011   | 09.43        | 28/08/2011                        | 13.53             | Hot Spot Attending Work.                                  |
| Vita - Ghatnandare                    | 28/08/2011   | 10.33        | 28/08/2011                        | 13.15             | Hot Spot Attending Work.                                  |
| 220/132KV 100MVA ICT-I at Dondaicha   | 28/08/2011   | 14.29        | 28/08/2011                        | 15.30             | Maintenance Work.                                         |
| Dahanu-Bhoisor                        | 29/08/2011   | 06.31        | 29/08/2011                        | 07.30             | Attending Moisture Drain Valve Leakage of Dahanu Breaker. |
| New Paras TPS-Alola-II                | 29/08/2011   | 07.04        | 29/08/2011                        | 16.48             | Stringing of 220KV Apatapa-Balapur D C Line.              |
| Aurangabad-Shendra                    | 29/08/2011   | 08.30        | 29/08/2011                        | 10.09             | To Attend Hot Spot on R Ph. W T.                          |
| New Paras TPS - Akola - I             | 29/08/2011   | 11.25        | 29/08/2011                        | 16.53             | Stringing of 220KV Apatapa-Balapur D C Line.              |
| Badnera - Akola - I                   | 29/08/2011   | 11.37        | 29/08/2011                        | 16.44             | Stringing of 220KV Apatapa-Balapur D C Line.              |
| 220/100KV 200MVA ICT-IV at Kalwa      | 29/08/2011   | 13.07        | 29/08/2011                        | 14.45             | Insulator Jumper Replacement Work.                        |
| Main Bus Section- I @                 | 29/08/2011   | 13.17        | 29/08/2011                        | 18.20             | Replacement of B Ph. Main Bus                             |

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Position as on 6.30 Hrs of 29/Aug/2011

| Name of Line                                     | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                                                               |
|--------------------------------------------------|--------------|--------------|-----------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Pedambe                                          |              |              |                                   |                    | Conductor of Mahad Line.                                                                                                       |
| Trombay-Mulund                                   | 29/08/2011   | 18.18        | 29/08/2011                        | 20.28              | V T Fuse Problem.                                                                                                              |
| Trombay - Tata Tie - I                           | 29/08/2011   | 19.08        | 29/08/2011                        | 20.33              | V T Fuse Problem.                                                                                                              |
| <b>Voltage Level : 132KV</b>                     |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                                                |
| Main Bus-I at Bhusawal-I                         | 27/08/2011   | 13.08        |                                   | Continued.         | Bus and Line Isolator repl.work                                                                                                |
| <b>Voltage Level : 110KV</b>                     |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                                                |
| Miraj-Kavathemahakal                             | 28/08/2011   | 11.35        | 28/08/2011                        | 17.30              | Criming Work.                                                                                                                  |
| <b>Voltage Level : 100KV</b>                     |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                                                |
| Borivali-Tata-I                                  | 28/08/2011   | 10.25        | 28/08/2011                        | 20.22              | RTU SCADA & Separation of D C Source.                                                                                          |
| Borivali-Tata-II                                 | 28/08/2011   | 10.30        | 28/08/2011                        | 20.22              | RTU SCADA & Separation of D C Source.                                                                                          |
| <b>Voltage Level : 400KV</b>                     |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                                                                |
| 400/220KV,100 MVA Spare Unit at Korady           | 04/08/2011   | 16.28        |                                   | Continued.         | To attend buchholz alarm problem.                                                                                              |
| Bhusawal- Aurangabad                             | 24/08/2011   | 20.16        | 28/08/2011                        | 08.33              | Over Voltage.                                                                                                                  |
| Lonikand- Koyna Stage IV                         | 28/08/2011   | 00.49        | 28/08/2011                        | 08.23              | Over Voltage                                                                                                                   |
| Lonikand- Koyna Stage IV                         | 28/08/2011   | 22.53        | 29/08/2011                        | 08.45              | Over Voltage.                                                                                                                  |
| Karad-Kolhapur-II                                | 29/08/2011   | 16.20        |                                   | Continued.         | Over Voltage.                                                                                                                  |
| <b>Voltage Level : 220KV</b>                     |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                                                                |
| Padgha-Temghar I                                 | 20/08/2011   | 15.18        |                                   | Continued.         | To Control Padgha ICT Load                                                                                                     |
| Padgha - Temghar - II                            | 25/08/2011   | 11.50        |                                   | Continued.         | To control Padgha ICT Load                                                                                                     |
| 220/33 KV 25 MVA T/F - II @ Dhule                | 29/08/2011   | 16.01        | 29/08/2011                        | 17.43              | Due to D C Supply Fail.                                                                                                        |
| <b>Voltage Level : 400KV</b>                     |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                                                                                |
| 400/220KV 105 MVA Spare ICT at Parly II          | 22/08/2011   | 13.50        |                                   | Continued.         | To Remove Trip Coil Assembly for Bus Coupler.                                                                                  |
| Karad - Kolhapur - I                             | 23/08/2011   | 04.45        | 29/08/2011                        | 16.19              | Tripped Alongwith All Elements of Bus-I While Opening of 400KV Karad-New Koyna-II.Ready for Charging at 05.51 hrs of 23.08.11. |
| Koyna IV - Jejuri                                | 27/08/2011   | 02.47        | 28/08/2011                        | 19.12              | Distance Protection                                                                                                            |
| Akola - Bhusawal                                 | 28/08/2011   | 04.20        | 28/08/2011                        | 08.15              | Over Voltage                                                                                                                   |
| Akola - Bhusawal                                 | 29/08/2011   | 03.29        | 29/08/2011                        | 08.31              | Over Voltage.                                                                                                                  |
| Akola-Koradi                                     | 29/08/2011   | 03.33        | 29/08/2011                        | 05.59              | Over Voltage.                                                                                                                  |
| 400/11.5 KV 90 MVA Station T/F-IV @ Chandrapur   | 29/08/2011   | 17.37        |                                   | Continued.         | B Ph. L A Burst.                                                                                                               |
| 400/11.5KV 90 MVA STN T/F- V @ 400 KV Chandrapur | 29/08/2011   | 17.56        | 29/08/2011                        | 18.50              | Tripped on Earth Fault.                                                                                                        |
| <b>Voltage Level : 220KV</b>                     |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                                                                                |
| 220/100KV 200MVA ICT-III at Kalwa                | 03/04/2011   | 16.00        |                                   | Continued.         | Buchholz Trip,Diff.Prot.operated,PRV tripped( Failed).                                                                         |
| 220/110KV,200MVA T/F At Ichalkarani.             | 28/08/2011   | 13.12        | 28/08/2011                        | 20.30              | On OLTC Buchholz.                                                                                                              |
| Karad-Pophali                                    | 28/08/2011   | 16.12        | 28/08/2011                        | 16.42              | Distance Protection.                                                                                                           |
| Babaleshwar - Nagar - I                          | 29/08/2011   | 04.29        | 29/08/2011                        | 04.46              | Tripped.                                                                                                                       |
| Jejuri-Phursungi                                 | 29/08/2011   | 08.46        | 29/08/2011                        | 10.26              | Distance Protection.                                                                                                           |
| 220/33 KV 25 MVA T/F - I                         | 29/08/2011   | 16.01        | 29/08/2011                        | 16.34              | Tripped on PDR.                                                                                                                |

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Position as on 6.30 Hrs of 29/Aug/2011

| Name of Line   | Tripped Date | Tripped Time | Synchronised Date | Synchronised Time | Reason of Outage                       |
|----------------|--------------|--------------|-------------------|-------------------|----------------------------------------|
| @ Dhule        |              |              |                   |                   |                                        |
| Nerul -Sonkhar | 29/08/2011   | 18.49        | 29/08/2011        | 22.47             | Y Ph. C T Jumper Broken @ Sonkhar End. |

# State Load Dispatch Center,Airoli (MSETCL)

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

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 75          |
| Unit 6             | 210                   | 90          |
| Unit 7             | 210                   | 130         |
|                    | <b>620</b>            | <b>295</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 140         |
| Unit 4             | 0                     |             |
|                    | <b>420</b>            | <b>140</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 65          |
| Unit 5             | 210                   | 120         |
| Unit 6             | 250                   | 150         |
| Unit 7             | 250                   | 0           |
|                    | <b>1130</b>           | <b>335</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 100         |
| Unit 2             | 210                   | 70          |
| Unit 3             | 210                   | 120         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 220         |
| Unit 6             | 500                   | 200         |
| Unit 7             | 500                   | 200         |
|                    | <b>2340</b>           | <b>910</b>  |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 0           |
| Unit 4             | 250                   | 140         |
|                    | <b>500</b>            | <b>140</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 100         |
| Unit 3             | 210                   | 100         |
| Unit 4             | 210                   | 100         |
| Unit 5             | 500                   |             |
|                    | <b>1340</b>           | <b>300</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   |             |
| Unit 2             | 120                   |             |
| Unit 3             | 210                   | 62          |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 0           |
|                    | <b>870</b>            | <b>62</b>   |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 600         |
|                    | <b>852</b>            | <b>600</b>  |
| <b>Dabhol</b>      |                       |             |
| RGPP               | 1940                  | 1270        |
|                    | <b>1940</b>           | <b>1270</b> |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 36          |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 5           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 17          |
| BHANDARDRA        | 45                    | 32          |
| ELDARY            | 23                    |             |
| SMLHY PTN         | 12                    |             |
| GHATGHAR          | 250                   |             |
|                   | <b>611</b>            | <b>290</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                   | 530         |
| WARDHA            | 405                   | 260         |
| Other CPPs        | 0                     |             |
|                   | <b>1005</b>           | <b>790</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                   | 250         |
|                   | <b>500</b>            | <b>250</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3455                  | 3814        |
|                   | <b>3455</b>           | <b>3814</b> |