



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**19/Apr/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 19/Apr/2011 TUESDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 130.571        | 2434.777        | 1) Madhya Pradesh              | 60.504         | 969.376         |
| 2) Hydro                 | 15.504         | 432.999         | 2) Gujrat                      | 35.660         | 626.015         |
| 3) Gas                   | 15.156         | 281.296         | 3) Goa                         | -7.239         | -127.337        |
| <b>Total MSGENCO</b>     | <b>161.231</b> | <b>3149.072</b> | 4) TAPS 1&2 (Inj.)             | 7.776          | 118.647         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | 0.000          | -5.256          |
| 1) RGPPL Gas             | 34.654         | 658.396         | <b># Total Cent. Sector</b>    | <b>96.701</b>  | <b>1581.445</b> |
| 2) Wind Generation       | 6.649          | 115.229         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                   | 24.844         | 456.182         | 1) With TPCL (Excess)          | -13.783        | -241.104        |
| 4) PENCH (MS)            | 0.000          | 5.256           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 15.177         | 276.418         |
| 1) TPCL Thermal          | 28.074         | 461.222         | Include PX                     | 0.000          | 2.294           |
| 2) TPCL Hydro            | 4.624          | 75.818          | 2) MUMBAI Bilateral            | 13.621         | 248.831         |
| <b>TOTAL TPCL</b>        | <b>32.698</b>  | <b>537.040</b>  | Include PX                     | 0.694          | 25.354          |
| 3) REL Thermal           | 12.556         | 239.461         | 3) MUMBAI Schedule             | 13.621         | 251.206         |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 171.201        | 3135.460        | 1) MSEDCL                      | 310.296        | 5724.476        |
| 2) Hydro (A2+B3+C2)      | 20.128         | 514.073         | 2) TPCL                        | 39.354         | 672.257         |
| 3) Gas (A3+B1)           | 49.810         | 939.692         | 3) REL                         | 19.680         | 345.287         |
| 4) Wind (B2)             | 6.649          | 115.229         | <b>TOTAL STATE</b>             | <b>369.330</b> | <b>6742.020</b> |
| 5) CPP (B3)              | 24.844         | 456.182         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>272.632</b> | <b>5160.636</b> |                                |                |                 |

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

| PARTICULARS                      | A. Morning Peak at 12 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 4 Hrs |
|----------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                  | 5385                      | 5520                      | 5421                      |
| MSGENCO Hydro                    | 750                       | 1085                      | 208                       |
| MSGENCO Gas                      | 606                       | 624                       | 657                       |
| <b>MSGENCO Total Generation</b>  | <b>6741</b>               | <b>7229</b>               | <b>6286</b>               |
| <b>Central Sector Receipt</b>    | <b>4891</b>               | <b>3775</b>               | <b>3543</b>               |
| <b>RGPPL</b>                     | <b>1465</b>               | <b>1452</b>               | <b>1412</b>               |
| <b>WIND</b>                      | <b>44</b>                 | <b>495</b>                | <b>334</b>                |
| <b>CPP</b>                       | <b>1031</b>               | <b>1031</b>               | <b>1034</b>               |
| <b>Exchange with Mumbai</b>      | <b>-705</b>               | <b>-643</b>               | <b>-392</b>               |
| <b>MSEDCL DEMAND MET</b>         | <b>13467</b>              | <b>13339</b>              | <b>12217</b>              |
| <b>Load Shedding (LS)</b>        | <b>273</b>                | <b>0</b>                  | <b>0</b>                  |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>13740</b>              | <b>13339</b>              | <b>12217</b>              |
| <b>TPCL GENERATION</b>           | <b>1781</b>               | <b>1560</b>               | <b>888</b>                |
| <b>REL GENERATION</b>            | <b>523</b>                | <b>523</b>                | <b>524</b>                |
| <b>TPCL+REL DEMAND</b>           | <b>3009</b>               | <b>2726</b>               | <b>1804</b>               |
| <b>STATE DEMAND MET</b>          | <b>16476</b>              | <b>16065</b>              | <b>14021</b>              |
| <b>Load Management (LM)</b>      | <b>2163</b>               | <b>3463</b>               | <b>1412</b>               |
| <b>Total Load Relief (LS+LM)</b> | <b>2436</b>               | <b>3463</b>               | <b>1412</b>               |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>18912</b>              | <b>19528</b>              | <b>15433</b>              |
| <b>Frequency (Hz)</b>            | <b>49.87</b>              | <b>49.61</b>              | <b>49.96</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz |
|-----------------------|-----------------------|---------------|---------------------|
| 50.29 Hz at 07:05 Hrs | 48.85 Hz at 20:16 Hrs | 49.85         | .46 % of Time(min)  |

\* 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 19/Apr/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 4.04        | 75.45         | 180      | 156      | 162      |
| Unit 6           | 4.13        | 82.56         | 190      | 125      | 171      |
| Unit 7           | 4.14        | 77.41         | 180      | 160      | 162      |
|                  | 12.31       | 235.42        |          |          | 495      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.88        | 74.68         | 180      | 140      | 180      |
| Unit 3           | 4.40        | 73.67         | 185      | 175      | 185      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        |          |
|                  | 8.28        | 148.35        |          |          | 365      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.69        | 66.43         | 178      | 140      | 170      |
| Unit 4           | 3.80        | 78.52         | 175      | 137      | 160      |
| Unit 5           | 3.65        | 76.46         | 163      | 143      | 150      |
| Unit 6           | 5.56        | 103.45        | 250      | 211      | 240      |
| Unit 7           | 4.68        | 92.03         | 247      | 126      | 150      |
|                  | 21.38       | 416.90        |          |          | 870      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.80        | 68.80         | 165      | 145      | 165      |
| Unit 2           | 3.80        | 54.77         | 173      | 122      | 160      |
| Unit 3           | 4.44        | 80.64         | 195      | 154      | 200      |
| Unit 4           | 0.82        | 61.45         | 136      | 0        | 0        |
| Unit 5           | 10.36       | 197.13        | 450      | 410      | 450      |
| Unit 6           | 10.04       | 196.43        | 470      | 380      | 450      |
| Unit 7           | 10.31       | 136.26        | 455      | 336      | 450      |
|                  | 43.58       | 795.47        |          |          | 1875     |
| Paras            |             |               |          |          |          |
| Unit 3           | 3.65        | 84.50         | 220      | 108      | 100      |
| Unit 4           | 5.79        | 106.90        | 255      | 229      | 250      |
|                  | 9.44        | 191.40        |          |          | 350      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.76        | 88.69         | 205      | 175      | 200      |
| Unit 2           | 4.52        | 74.80         | 199      | 179      | 190      |
| Unit 3           | 4.69        | 92.11         | 218      | 170      | 180      |
| Unit 4           | 5.25        | 98.74         | 221      | 213      | 210      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        |          |
|                  | 19.21       | 354.34        |          |          | 780      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.93        | 25.48         | 90       | 65       | 90       |
| Unit 2           | 1.68        | 34.59         | 85       | 0        | 90       |
| Unit 3           | 4.52        | 82.12         | 200      | 180      | 190      |
| Unit 4           | 4.10        | 77.31         | 180      | 142      | 190      |
| Unit 5           | 4.14        | 73.38         | 186      | 138      | 190      |
|                  | 16.38       | 292.89        |          |          | 750      |
| Uran             |             |               |          |          |          |
| All Units        | 15.16       | 281.30        | 657      | 606      | 640      |
|                  | 15.16       | 281.30        |          |          | 640      |
| Dabhol           |             |               |          |          |          |
| RGPPL            | 34.65       | 658.40        | 1469     | 1409     | 1380     |
|                  | 34.65       | 658.40        |          |          | 1380     |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 4.71        | 99.52         | 520      | 40       | 600      |
| Stage 4          | 4.56        | 181.47        | 509      | 0        | 250      |
| Stage 3          | 1.71        | 60.04         | 240      | 0        | 320      |
|                  | 10.98       | 341.04        |          |          | 1170     |
| Kovna 12&4 Total | 9.27        | 281.00        |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.46        | 8.67          | 20       | 19       | 19       |
| VTRNA           | 1.44        | 23.93         | 60       | 60       | 60       |
| TILLARI         | 0.16        | 5.44          | 58       | 0        | 60       |
| BHTGR/VEER      | 0.40        | 6.80          | 17       | 16       | 15       |
| BHIRA T.R.      | 0.18        | 4.46          | 76       | 0        | 80       |
| RNGR+BHTSA      | 0.31        | 6.43          | 13       | 12       | 13       |
| BHANDARDRA      | 0.00        | 4.30          | 0        | 0        | 0        |
| ELDARY          | 0.34        | 2.55          | 15       | 14       | 14       |
| SMLHY PTN       | 0.87        | 18.24         | 44       | 33       | 13       |
| GHATGHAR        | 0.35        | 11.13         | 120      | 0        | 0        |
|                 | 4.52        | 91.96         |          |          | 274      |
| PENCH (MS)      |             |               |          |          |          |
| Pench (MS)      | 0.00        | 5.26          | 0        | 0        |          |
|                 | 0.00        | 5.26          |          |          |          |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.27        | 4.04          |          |          |          |
| Vankuswadi      | 0.64        | 7.97          |          |          |          |
| ATIT            | 0.10        | 2.34          |          |          |          |
| Kale            | 0.21        | 2.93          |          |          |          |
| Satara          | 1.10        | 7.94          |          |          |          |
| Shirala         | 0.26        | 3.47          |          |          |          |
| K Mahankal      | 0.04        | 2.66          |          |          |          |
| Supa            | 0.10        | 1.73          |          |          |          |
| Vita            | 1.15        | 15.05         |          |          |          |
| Dondaicha       | 1.67        | 44.65         |          |          |          |
| Sakri           | 0.29        | 6.82          |          |          |          |
| Nandurbar       | 0.18        | 5.44          |          |          |          |
| Khandke         | 0.43        | 5.45          |          |          |          |
| Khaparale       | 0.20        | 4.74          |          |          |          |
|                 | 6.65        | 115.23        |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 12.91       | 253.52        | 560      | 461      | 505      |
| WARDHA          | 5.51        | 105.79        | 249      | 224      | 230      |
| Other CPPs      | 6.43        | 96.87         |          |          |          |
|                 | 24.84       | 456.18        |          |          | 735      |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 11.45       | 195.68        | 490      | 390      | 500      |
| Trombay 6       | 7.08        | 88.08         | 470      | 150      | 500      |
| Trombay 7A      | 2.87        | 54.92         | 123      | 117      | 110      |
| Trombay 7B      | 1.57        | 29.98         | 67       | 65       | 60       |
| Trombay 8       | 5.11        | 92.56         | 250      | 150      | 250      |
| TATA Hydro      | 4.62        | 75.82         | 400      | 0        | 447      |
|                 | 32.70       | 537.04        |          |          | 1867     |
| REL             |             |               |          |          |          |
| 1&2             | 12.56       | 239.46        | 526      | 518      | 500      |
|                 | 12.56       | 239.46        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 3446     |
|                 |             |               |          |          | 3446     |

|                |          |        |         |  |       |
|----------------|----------|--------|---------|--|-------|
| MS<br>PG<br>CL | Thermal  | 130.57 | 2434.78 |  | 5485  |
|                | Thml+Gas | 145.73 | 2716.07 |  | 6125  |
|                | Hydro    | 15.50  | 433.00  |  | 1444  |
|                | Total    | 161.23 | 3149.07 |  | 7569  |
| State Total    |          | 272.63 | 5160.64 |  | 15497 |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/Apr/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                  | 5382        | 196   | 654   | 6232   | 1411  | 315  | 1051  | 3199        | 4061        | -657         | -670                 | 12400                   | 1985                        | 12400                           | 2219                    | 16604                          | 50.02         |
| 2                  | 5379        | 196   | 654   | 6229   | 1410  | 370  | 1026  | 3057        | 3784        | -507         | -492                 | 12327                   | 1885                        | 12327                           | 2002                    | 16214                          | 49.97         |
| 3                  | 5373        | 207   | 654   | 6234   | 1409  | 347  | 1038  | 3031        | 3647        | -479         | -450                 | 12225                   | 1399                        | 12225                           | 1879                    | 15503                          | 49.85         |
| 4                  | 5421        | 208   | 657   | 6286   | 1412  | 334  | 1034  | 2948        | 3543        | -401         | -392                 | 12217                   | 1412                        | 12217                           | 1804                    | 15433                          | 49.96         |
| 5                  | 5391        | 202   | 656   | 6249   | 1412  | 332  | 1043  | 2933        | 3619        | -385         | -376                 | 12279                   | 1507                        | 12279                           | 1777                    | 15563                          | 50.00         |
| 6                  | 5388        | 688   | 655   | 6731   | 1437  | 304  | 1039  | 2912        | 3660        | -363         | -364                 | 12807                   | 1775                        | 12840                           | 1811                    | 16393                          | 49.82         |
| 7                  | 5366        | 534   | 649   | 6549   | 1442  | 209  | 1076  | 3150        | 3755        | -363         | -351                 | 12680                   | 2040                        | 12834                           | 1852                    | 16572                          | 49.97         |
| 8                  | 5348        | 415   | 644   | 6407   | 1443  | 121  | 1075  | 3150        | 4046        | -363         | -396                 | 12696                   | 2067                        | 12877                           | 1951                    | 16714                          | 50.09         |
| 9                  | 5387        | 469   | 640   | 6496   | 1445  | 86   | 1003  | 3236        | 4451        | -452         | -474                 | 13007                   | 2103                        | 13224                           | 2259                    | 17369                          | 50.03         |
| 10                 | 5374        | 714   | 622   | 6710   | 1445  | 104  | 972   | 3372        | 4520        | -506         | -586                 | 13165                   | 2099                        | 13307                           | 2559                    | 17823                          | 49.83         |
| 11                 | 5390        | 924   | 607   | 6921   | 1442  | 75   | 989   | 3533        | 4708        | -615         | -721                 | 13414                   | 2410                        | 13683                           | 2865                    | 18689                          | 49.82         |
| 12                 | 5385        | 750   | 606   | 6741   | 1465  | 44   | 1031  | 3576        | 4891        | -658         | -705                 | 13467                   | 2436                        | 13740                           | 3009                    | 18912                          | 49.87         |
| 13                 | 5495        | 774   | 614   | 6883   | 1469  | 79   | 1070  | 3590        | 4787        | -673         | -732                 | 13556                   | 2323                        | 13712                           | 3004                    | 18883                          | 49.93         |
| 14                 | 5397        | 550   | 612   | 6559   | 1469  | 134  | 1069  | 3569        | 4650        | -649         | -607                 | 13274                   | 2308                        | 13415                           | 2918                    | 18500                          | 49.90         |
| 15                 | 5464        | 851   | 610   | 6925   | 1468  | 199  | 1040  | 3540        | 4740        | -654         | -715                 | 13657                   | 2209                        | 13801                           | 2967                    | 18833                          | 49.81         |
| 16                 | 5443        | 1387  | 612   | 7442   | 1455  | 221  | 1042  | 3471        | 4389        | -687         | -720                 | 13829                   | 2124                        | 13966                           | 2999                    | 18952                          | 49.87         |
| 17                 | 5515        | 1124  | 611   | 7250   | 1452  | 272  | 1040  | 3423        | 4541        | -639         | -707                 | 13848                   | 2120                        | 14001                           | 2976                    | 18944                          | 49.92         |
| 18                 | 5529        | 588   | 626   | 6743   | 1453  | 400  | 1064  | 3398        | 4035        | -615         | -617                 | 13078                   | 2319                        | 13173                           | 2865                    | 18262                          | 49.95         |
| 19                 | 5505        | 331   | 620   | 6456   | 1452  | 506  | 1066  | 3230        | 3460        | -603         | -522                 | 12418                   | 3122                        | 12418                           | 2748                    | 18288                          | 49.84         |
| 20                 | 5520        | 1085  | 624   | 7229   | 1452  | 495  | 1031  | 3455        | 3775        | -714         | -643                 | 13339                   | 3463                        | 13339                           | 2726                    | 19528                          | 49.61         |
| 21                 | 5568        | 1044  | 628   | 7240   | 1452  | 495  | 1003  | 3453        | 3558        | -714         | -696                 | 13052                   | 3464                        | 13052                           | 2633                    | 19149                          | 49.50         |
| 22                 | 5613        | 822   | 628   | 7063   | 1454  | 451  | 1012  | 3431        | 3434        | -690         | -670                 | 12744                   | 3460                        | 12744                           | 2483                    | 18687                          | 49.51         |
| 23                 | 5533        | 720   | 636   | 6889   | 1452  | 402  | 1007  | 3252        | 3318        | -618         | -592                 | 12476                   | 3456                        | 12476                           | 2394                    | 18326                          | 49.66         |
| 24                 | 5405        | 725   | 637   | 6767   | 1453  | 354  | 1023  | 3138        | 3329        | -618         | -585                 | 12341                   | 3070                        | 12341                           | 2337                    | 17748                          | 49.65         |
| MUs                | 130.57      | 15.50 | 15.16 | 161.23 | 34.65 | 6.65 | 24.84 | 79.05       | 96.70       | -13.62       | -13.78               | 310.30                  | 56.56                       | 312.39                          | 59.04                   | 425.89                         | 49.85         |

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 19/Apr/2011**

Position as on 6.30 Hrs of 20/Apr/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|---------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                 |               |
| Dabhol 1B               | 230      | 15/03/2011   | 02.37        |            | Continued. | Upgradation Work.               | 27/04/2011    |
| Cent_Sect NTPC(K-3)     | 210      | 31/03/2011   | 23.46        |            | Continued. | Annual Overhaul                 | 30/04/2011    |
| Cent_Sect sipat-5       | 500      | 01/04/2011   | 00.14        |            | Continued. | Annual Overall.                 | 25/04/2011    |
| Cent_Sect NTPC(V-4)     | 210      | 10/04/2011   | 00.01        |            | Continued. | Annual overhaul.                | 10/05/2011    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                 |               |
| Chandrapur Unit 4       | 210      | 15/04/2011   | 23.56        | 19/04/2011 | 14:04      | Occurrence at 400KV Chandrapur. |               |
| CPP WPCL U-1            | 135      | 16/04/2011   | 21.00        | 19/04/2011 | 21:37      | Suspected boiler tube leakage.  |               |
| Nasik Unit 2            | 125      | 19/04/2011   | 22.58        |            | Continued. | Boiler Tube Leakage             | 22/04/2011    |
| Koradi Unit 7           | 210      | 20/04/2011   | 00.31        |            | Continued. | Air Heater Problem              | 20/04/2011    |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 19/Apr/2011**

Position as on 6.30 Hrs of 20/Apr/2011

| Name of Line                                 | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                                                 |
|----------------------------------------------|--------------|--------------|-----------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------|
| <b>InterState</b>                            |              |              |                                   |                    |                                                                                                                  |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                                  |
| Borivali -Tarapur                            | 03/04/2011   | 09.10        |                                   | Continued.         | LILO work of 220KV Borivali-Boiser at 220KV Ghodbander.(up to 20.04.2011)                                        |
| <b>Voltage Level : 132KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                                  |
| Pench-Mansar                                 | 08/04/2011   | 10.35        |                                   | Continued.         | Replacement of relay & control pannel.up to 22.04.2011.                                                          |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                                                  |
| Dhule-Sar'Sarovar - II                       | 16/04/2011   | 23.27        | 19/04/2011                        | 06.33              | Over Voltage.                                                                                                    |
| Dhule-S'Sarovar I                            | 19/04/2011   | 23.11        |                                   | Continued.         | Over Voltage                                                                                                     |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                                                                  |
| Wardha - Akola - II                          | 19/04/2011   | 18.25        | 19/04/2011                        | 19.26              | Distance Protection                                                                                              |
| <b>IntraState</b>                            |              |              |                                   |                    |                                                                                                                  |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                                  |
| 50 MVAR Line Reactor of BSL-KORDY at BSL end | 18/03/2011   | 12.51        |                                   | Continued.         | O/H Work up to 19.04.2011.                                                                                       |
| 400/132KV 200 MVA ICT-II @ Bhusawal          | 06/04/2011   | 08.44        |                                   | Continued.         | Replacement of 132KV Side Bus-I & II Isolators of 200MVA 400/132KV ICT-II Under LES Scheme.LV side taken on TBC. |
| 400/220 KV 100 MVA Spare Unit @ Koradi       | 14/04/2011   | 09.18        |                                   | Continued.         | Shifting to Replace R Ph Unit of ICT-I.                                                                          |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                                  |
| Babaleshwar - Chalisgaon                     | 15/12/2010   | 13.42        |                                   | Continued.         | Conversion of S/C to D/C(6 MonthOutage.)                                                                         |
| 220/7 KV 20 MVA Stn.T/F-II at Korady         | 31/03/2011   | 10.47        |                                   | Continued.         | Oil Leakage.                                                                                                     |
| Borivali-Boisar                              | 03/04/2011   | 09.48        |                                   | Continued.         | LILO work of 220KV Borivali-Boiser at 220KV Ghodbandar(Up to 20/4/11)                                            |
| Kalwa - Tifil                                | 15/04/2011   | 09.42        |                                   | Continued.         | Stringing of 4th ckt. between Mahape S/S and TIFIL LILO Tower.,up to 22.04.2011.                                 |
| 220/132 KV 100 MVA ICT-II @ Parbhani         | 16/04/2011   | 11.38        |                                   | Continued.         | Augmentation by 200MVA ICT.                                                                                      |
| Newkoyna -Lote-Parsuram                      | 18/04/2011   | 08.09        | 19/04/2011                        | 18.00              | Total Overhauling of CB and Testing work                                                                         |
| Badnera - Akola - I                          | 19/04/2011   | 08.05        | 19/04/2011                        | 14.52              | Retrofitting of relays                                                                                           |
| 220/100 KV 200 MVA ICT-IV @ Apta             | 19/04/2011   | 09.57        | 19/04/2011                        | 19.15              | Maint.work                                                                                                       |
| Kalwa-Mahape                                 | 19/04/2011   | 10.02        | 19/04/2011                        | 20.01              | Normalization of 220KV Mahape-Tifil line                                                                         |
| Parli-I - Harangul - II                      | 19/04/2011   | 10.32        | 19/04/2011                        | 13.52              | Replacement of repaired sleeve                                                                                   |
| Karad - Vita - I                             | 19/04/2011   | 10.58        | 19/04/2011                        | 14.30              | Q.M.Work                                                                                                         |
| Vankuswadi-KDPH                              | 19/04/2011   | 11.00        | 19/04/2011                        | 18.40              | Q.M.Work                                                                                                         |
| Karad - Miraj                                | 19/04/2011   | 11.20        | 19/04/2011                        | 13.43              | CT Tand delta measurement                                                                                        |
| Vankuswadi - MIDC Satara- II                 | 19/04/2011   | 11.50        | 19/04/2011                        | 18.50              | Q.M.Work                                                                                                         |
| 220/110 KV 100 MVA T/F @ Miraj.              | 19/04/2011   | 12.55        | 19/04/2011                        | 14.50              | Tan Delta measurement                                                                                            |
| 220/132 KV 200 MVA ICT-I @ Harangul.         | 19/04/2011   | 14.00        | 19/04/2011                        | 15.42              | To attend Hot Spot                                                                                               |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> FORCED OUTAGE  |                    |                                                                                                                  |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 19/Apr/2011**

Position as on 6.30 Hrs of 20/Apr/2011

| Name of Line                         | Tripped Date | Tripped Time | Synchronise d Date               | Synchronise d Time | Reason of Outage                                                                               |
|--------------------------------------|--------------|--------------|----------------------------------|--------------------|------------------------------------------------------------------------------------------------|
| New Koyna-Karad-II                   | 19/04/2011   | 05.15        | 19/04/2011                       | 10.35              | To attend Red Hot Spot                                                                         |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type FORCED OUTAGE</b> |                    |                                                                                                |
| Khapri - Besa                        | 19/04/2011   | 08.55        | 19/04/2011                       | 12.10              | To attend Red Hot Spot                                                                         |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                                                                                |
| Bhusawal- Aurangabad                 | 18/04/2011   | 22.42        | 19/04/2011                       | 07.58              | Over Voltage                                                                                   |
| Bhusawal- Aurangabad                 | 19/04/2011   | 20.43        | 20/04/2011                       | 04.53              | Over Voltage                                                                                   |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                                                                                |
| BBLSR-Waluj                          | 09/04/2011   | 10.14        |                                  | Continued.         | To control A'bad ICT Loading.                                                                  |
| Dhule-Chalisgaon                     | 09/04/2011   | 15.54        |                                  | Continued.         | H/T to control Dhule ICTs over loading.                                                        |
| Bus Coupler at WPCL                  | 13/04/2011   | 15.37        |                                  | Continued.         | At Warora end WPCL CKT-I Y phase PT Noise                                                      |
| Chandrapur-Warora - I                | 17/04/2011   | 15.00        |                                  | Continued.         | To control Warora-Hinganghat line loading.                                                     |
| Hingoli-Pusad                        | 18/04/2011   | 13.07        |                                  | Continued.         | To control Wardha-Yavatmal load                                                                |
| Wardha-Abhijeet II                   | 18/04/2011   | 13.09        |                                  | Continued.         | To control Koradi ICT load                                                                     |
| Wardha-Abhijeet I                    | 18/04/2011   | 17.05        |                                  | Continued.         | To control Koradi ICT Load                                                                     |
| Khaperkheda - Wardha.                | 18/04/2011   | 18.54        | 19/04/2011                       | 07.58              | To control Koradi ICT Load                                                                     |
| Khaperkheda - Wardha.                | 19/04/2011   | 19.36        |                                  | Continued.         | To control Koradi ICT-II Loading                                                               |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                                                                                |
| Supa - Shirur                        | 07/03/2011   | 15.15        |                                  | Continued.         | To control Lonikand ICT Load                                                                   |
| <b>Voltage Level : 100KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                                                                                |
| Kalwa - Salsette - II                | 05/04/2011   | 10.56        |                                  | Continued.         | From Kalwa End                                                                                 |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type TRIPPED</b>       |                    |                                                                                                |
| 220/100KV 200MVA ICT-III at Kalwa    | 03/04/2011   | 16.00        |                                  | Continued.         | Buchholz Trip,Diff.Prot.operated,PRV tripped( Failed).                                         |
| 220/110KV 200MVA ICT-II at Mudshingi | 10/04/2011   | 18.10        |                                  | Continued.         | Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11) |
| Karad-Kolhapur - II                  | 19/04/2011   | 05.48        | 19/04/2011                       | 06.10              | Distance Protection                                                                            |
| Mudshingi - Peth                     | 19/04/2011   | 08.32        | 19/04/2011                       | 09.02              | Distance Protection                                                                            |
| Karad-Kolhapur - II                  | 19/04/2011   | 08.33        | 19/04/2011                       | 08.55              | Distance Protection                                                                            |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type TRIPPED</b>       |                    |                                                                                                |
| Chikhali - Mehakar                   | 20/04/2011   | 00.16        | 20/04/2011                       | 01.10              | Y phase PT Burst at Mehkar S/S                                                                 |
| Malegaon - Mehekar                   | 20/04/2011   | 00.16        |                                  | Continued.         | Y Phase PT Burst at Mehkar S/S                                                                 |
| Chalisgaon - Kannad                  | 20/04/2011   | 20.15        | 20/04/2011                       | 20.20              | Tripped on FTR                                                                                 |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 20/Apr/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 160         |
| Unit 6             | 210                   | 170         |
| Unit 7             | 210                   | 0           |
|                    | <b>620</b>            | <b>330</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 185         |
| Unit 4             | 0                     |             |
|                    | <b>420</b>            | <b>365</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 150         |
| Unit 5             | 210                   | 160         |
| Unit 6             | 250                   | 220         |
| Unit 7             | 250                   | 180         |
|                    | <b>1130</b>           | <b>890</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 165         |
| Unit 2             | 210                   | 165         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>2060</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 220         |
| Unit 4             | 250                   | 230         |
|                    | <b>500</b>            | <b>450</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 210         |
| Unit 2             | 210                   | 210         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 0                     |             |
|                    | <b>840</b>            | <b>840</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 81          |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 172         |
| Unit 4             | 210                   | 157         |
| Unit 5             | 210                   | 162         |
|                    | <b>870</b>            | <b>572</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 620         |
|                    | <b>852</b>            | <b>620</b>  |
| <b>Dabhol</b>      |                       |             |
| RGPP               | 1940                  | 1380        |
|                    | <b>1940</b>           | <b>1380</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                    | 20          |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 16          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 13          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 14          |
| SMLHY PTN         | 12                    | 12          |
| GHATGHAR          | 250                   |             |
|                   | <b>611</b>            | <b>275</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                   | 505         |
| WARDHA            | 405                   | 366         |
| Other CPPs        | 0                     |             |
|                   | <b>1005</b>           | <b>871</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3455                  | 3342        |
|                   | <b>3455</b>           | <b>3342</b> |