



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**28/Apr/2012**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 28/Apr/2012 SATURDAY**

| <b>I GENERATION (MUs)</b> |                |                 | <b>II EXCHANGES (MUs)</b>      |                |                  |
|---------------------------|----------------|-----------------|--------------------------------|----------------|------------------|
| <b>A) MSGENCO</b>         | <b>Daily</b>   | <b>Monthly</b>  | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>   |
| 1) Thermal                | 117.875        | 3383.377        | 1) Gujrat                      | 6.058          | 196.914          |
| 2) Hydro                  | 4.270          | 296.899         | 2) Madhya Pradesh              | 23.116         | 618.254          |
| 3) Gas                    | 11.699         | 396.333         | 3) Chattisgarh                 | 11.070         | 299.700          |
| <b>Total MSGENCO</b>      | <b>133.844</b> | <b>4076.609</b> | 4) Maharashtra                 | 71.873         | 1680.717         |
| <b>B) OTHERS</b>          |                |                 | 5) Goa                         | -6.690         | -183.731         |
| 1) JSW JAIGAD             | 28.238         | 685.197         | 6) TAPS 1&2 Injection          | 7.782          | 211.669          |
| 2) WPCL                   | 8.336          | 261.178         | 7) RGPPL Injection             | 26.232         | 783.660          |
| 3) Other CPP / IPP        | 8.669          | 277.348         | 8) Pench (Excess)              | -0.097         | -6.314           |
| 4) Wind Generation        | 10.712         | 212.283         | <b># Total Cent. Sector</b>    | <b>139.344</b> | <b>3600.869</b>  |
| 5) PENCH (MS)             | 0.097          | 6.314           | <b>F) Other Exchanges</b>      |                |                  |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -12.217        | -365.895         |
| 1) TPCL Thermal           | 26.597         | 794.433         | <b>G) Bilateral Power *</b>    |                |                  |
| 2) TPCL Hydro             | 5.736          | 95.892          | 1) MSEDCL Bilateral            | 51.894         | 1110.646         |
| <b>TOTAL TPCL</b>         | <b>32.333</b>  | <b>890.325</b>  | Include PX                     | 4.859          | 26.576           |
| 3) REL Thermal            | 12.552         | 339.477         | 2) MUMBAI Bilateral            | 12.899         | 391.542          |
| <b>D) STATE</b>           |                |                 | Include PX                     | 2.752          | 71.219           |
| 1) Thermal (A1+C1+C3)     | 157.024        | 4517.287        | 3) MUMBAI Schedule             | 12.899         | 397.451          |
| 2) Hydro (A2+B5+C2)       | 10.103         | 399.105         | <b>H) ENERGY CATERED (MUs)</b> |                |                  |
| 3) Gas (A3)               | 11.699         | 396.333         | 1) MSEDCL                      | 317.023        | 8753.903         |
| 4) Wind (B4)              | 10.712         | 212.283         | 2) TPCL                        | 37.628         | 1044.836         |
| 5) CPP (B1+B2+B3)         | 45.243         | 1223.723        | 3) REL                         | 19.473         | 550.311          |
| <b>TOTAL STATE</b>        | <b>234.781</b> | <b>6748.731</b> | <b>TOTAL STATE</b>             | <b>374.124</b> | <b>10349.050</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 5 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 4837                             | 4979                             | 4791                             |
| MSGENCO Hydro                   | 164                              | 151                              | 117                              |
| MSGENCO Gas                     | 447                              | 480                              | 448                              |
| <b>MSGENCO Total Generation</b> | <b>5448</b>                      | <b>5610</b>                      | <b>5356</b>                      |
| <b>Central Sector Receipt</b>   | <b>6917</b>                      | <b>6270</b>                      | <b>5416</b>                      |
| <b>WIND</b>                     | <b>308</b>                       | <b>468</b>                       | <b>454</b>                       |
| <b>CPP / IPP</b>                | <b>1905</b>                      | <b>1925</b>                      | <b>1780</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-526</b>                      | <b>-607</b>                      | <b>-372</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>14052</b>                     | <b>13666</b>                     | <b>12634</b>                     |
| <b>Load Shedding</b>            | <b>783</b>                       | <b>496</b>                       | <b>245</b>                       |
| <b>MSEDCL DEMAND</b>            | <b>14835</b>                     | <b>14162</b>                     | <b>12879</b>                     |
| <b>TPCL GENERATION</b>          | <b>1740</b>                      | <b>1544</b>                      | <b>966</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>523</b>                       | <b>523</b>                       | <b>523</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2789</b>                      | <b>2674</b>                      | <b>1861</b>                      |
| <b>STATE DEMAND MET</b>         | <b>16841</b>                     | <b>16340</b>                     | <b>14495</b>                     |
| <b>STATE DEMAND</b>             | <b>17624</b>                     | <b>16836</b>                     | <b>14740</b>                     |
| <b>Frequency (Hz)</b>           | <b>50.07</b>                     | <b>49.97</b>                     | <b>50.01</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>        | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|-----------------------------|------------------------------|----------------------|----------------------------|
| <b>50.4 Hz at 08.03 Hrs</b> | <b>49.49 Hz at 23.07 Hrs</b> | <b>49.99</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/Apr/2012

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.23        | 92.21         | 154      | 118      | 150      |
| Unit 6           | 3.43        | 87.87         | 155      | 130      | 130      |
| Unit 7           | 3.50        | 97.94         | 150      | 125      | 140      |
| Total            | 10.16       | 278.01        |          |          | 420      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.96        | 99.02         | 185      | 145      | 180      |
| Unit 3           | 4.10        | 99.34         | 190      | 155      | 180      |
| Unit 4           | 3.28        | 26.59         | 157      | 84       | 0        |
| Total            | 11.34       | 224.95        |          |          | 360      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.70        | 12.39         | 143      | 0        | 0        |
| Unit 4           | 3.51        | 105.86        | 163      | 124      | 160      |
| Unit 5           | 4.23        | 61.14         | 183      | 160      | 170      |
| Unit 6           | 3.12        | 114.92        | 182      | 0        | 160      |
| Unit 7           | 0.48        | 99.03         | 147      | 0        | 0        |
| Total            | 12.04       | 393.33        |          |          | 490      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.43        | 5.04          | 116      | 0        | 115      |
| Unit 2           | 3.70        | 107.92        | 167      | 134      | 165      |
| Unit 3           | 4.42        | 125.08        | 190      | 180      | 190      |
| Unit 4           | 3.13        | 122.81        | 196      | 0        | 200      |
| Unit 5           | 9.07        | 278.99        | 465      | 22       | 400      |
| Unit 6           | 0.00        | 271.42        | 0        | 0        | 0        |
| Unit 7           | 10.33       | 283.67        | 449      | 410      | 450      |
| Total            | 33.07       | 1194.93       |          |          | 1520     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.97        | 140.85        | 258      | 231      | 250      |
| Unit 4           | 6.00        | 155.10        | 261      | 233      | 250      |
| Total            | 11.98       | 295.95        |          |          | 500      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.36        | 128.79        | 200      | 150      | 190      |
| Unit 2           | 4.27        | 109.58        | 190      | 148      | 190      |
| Unit 3           | 4.31        | 109.94        | 197      | 158      | 190      |
| Unit 4           | 4.58        | 131.54        | 205      | 182      | 190      |
| Unit 5           | 6.87        | 129.30        | 338      | 197      | 0        |
| Total            | 24.40       | 609.14        |          |          | 760      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 5.25        | 140.04        | 220      | 215      | 210      |
| Unit 4           | 4.96        | 119.18        | 212      | 200      | 210      |
| Unit 5           | 4.67        | 127.84        | 201      | 184      | 200      |
| Total            | 14.88       | 387.06        |          |          | 620      |
| Uran             |             |               |          |          |          |
| All Units        | 11.70       | 396.33        | 637      | 437      | 380      |
| Total            | 11.70       | 396.33        |          |          | 380      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.10        | 6.31          | 25       | 0        | 0        |
| Total            | 0.10        | 6.31          |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.06        | 86.16         | 75       | 40       | 520      |
| Stage 4          | 0.30        | 62.58         | 298      | 0        | 250      |
| Stage 3          | 0.25        | 32.82         | 158      | 0        | 320      |
| Total            | 1.62        | 181.55        |          |          | 1090     |
| Kovna 12&4 Total | 1.36        | 148.73        |          |          | 770      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.43        | 12.93         | 19       | 18       | 18       |
| VTRNA           | 0.86        | 22.52         | 62       | 0        | 0        |
| TILLARI         | 0.06        | 8.48          | 58       | 0        | 60       |
| BHTGR/VEER      | 0.32        | 8.07          | 14       | 12       | 13       |
| BHIRA T.R.      | 0.23        | 4.50          | 69       | 0        | 80       |
| RNGR+BHTSA      | 0.29        | 8.36          | 12       | 12       | 12       |
| BHANDARDRA      | 0.00        | 10.19         | 0        | 0        | 43       |
| ELDARY          | 0.00        | 3.46          | 0        | 0        | 0        |
| SMLHY PTN       | 0.47        | 17.95         | 20       | 19       | 10       |
| GHATGHAR        |             | 18.88         | 0        | 0        | 0        |
| Total           | 2.66        | 115.34        |          |          | 236      |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.48        | 7.55          |          |          |          |
| Vankuswadi      | 0.67        | 12.38         |          |          |          |
| ATIT            | 0.11        | 2.67          |          |          |          |
| Kale            | 0.27        | 4.80          |          |          |          |
| Satara          | 1.50        | 18.41         |          |          |          |
| Shirala         | 0.26        | 4.77          |          |          |          |
| K Mahankal      | 0.03        | 9.24          |          |          |          |
| Supa            | 0.30        | 4.13          |          |          |          |
| Vita            | 0.92        | 18.48         |          |          |          |
| Dondaicha       | 4.13        | 89.67         |          |          |          |
| Sakri           | 0.58        | 12.79         |          |          |          |
| Nandurbar       | 0.40        | 8.98          |          |          |          |
| Khandke         | 0.74        | 9.95          |          |          |          |
| Khaparale       | 0.34        | 8.46          |          |          |          |
| Total           | 10.71       | 212.28        |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 28.24       | 685.20        | 1223     | 1097     | 1085     |
| WARDHA          | 8.34        | 261.18        | 362      | 339      | 350      |
| Other CPPs      | 8.67        | 277.35        |          |          |          |
| Total           | 45.24       | 1223.72       |          |          | 1435     |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 11.72       | 311.09        | 513      | 366      | 500      |
| Trombay 6       | 4.21        | 189.34        | 348      | 156      | 500      |
| Trombay 7A      | 2.96        | 81.88         | 125      | 121      | 120      |
| Trombay 7B      | 1.64        | 45.62         | 69       | 67       | 60       |
| Trombay 8       | 6.06        | 166.50        | 255      | 250      | 250      |
| TATA Hydro      | 5.74        | 95.89         | 448      | 0        | 447      |
| Total           | 32.33       | 890.32        |          |          | 1877     |
| REL             |             |               |          |          |          |
| 1&2             | 12.55       | 339.48        | 525      | 521      | 500      |
| Total           | 12.55       | 339.48        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 5403     |
| Total           |             |               |          |          | 5403     |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 117.88        | 3383.38        |  |  | 4670         |
|                    | Thml+Gas     | 129.57        | 3779.71        |  |  | 5050         |
|                    | Hydro        | 4.27          | 296.90         |  |  | 1326         |
|                    | <b>Total</b> | <b>133.84</b> | <b>4076.61</b> |  |  | <b>6376</b>  |
| <b>State Total</b> |              | <b>234.78</b> | <b>6748.73</b> |  |  | <b>15591</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 28/Apr/2012

| TIME<br>SR.<br>NO. | MSPGCL GEN. |      |       | TOTAL  | WIND  | CPP /<br>IPP | CS<br>SHARE | CS<br>RECPT | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | LOAD<br>SHEDDI<br>NG | MSEDCL<br>DEMAND<br>WITH LS | TPCL + R<br>-INFRA<br>DEMAND | STATE<br>DEMAND | FREQ.<br>(Hz) |
|--------------------|-------------|------|-------|--------|-------|--------------|-------------|-------------|--------------|----------------------|-------------------------|----------------------|-----------------------------|------------------------------|-----------------|---------------|
|                    | THM         | HY   | GAS   |        |       |              |             |             |              |                      |                         |                      |                             |                              |                 |               |
| 1                  | 4550        | 558  | 445   | 5553   | 439   | 1900         | 5595        | 6114        | -671         | -676                 | 13353                   | 167                  | 13520                       | 2342                         | 15862           | 49.81         |
| 2                  | 4642        | 195  | 446   | 5283   | 523   | 1814         | 5468        | 5881        | -536         | -512                 | 13002                   | 205                  | 13207                       | 2135                         | 15342           | 49.92         |
| 3                  | 4634        | 102  | 448   | 5184   | 489   | 1808         | 5024        | 5887        | -450         | -465                 | 12903                   | 225                  | 13128                       | 2002                         | 15130           | 49.87         |
| 4                  | 4699        | 102  | 448   | 5249   | 414   | 1792         | 4932        | 5571        | -386         | -414                 | 12612                   | 237                  | 12849                       | 1908                         | 14757           | 50.02         |
| 5                  | 4791        | 117  | 448   | 5356   | 454   | 1780         | 4913        | 5416        | -366         | -372                 | 12634                   | 245                  | 12879                       | 1861                         | 14740           | 50.01         |
| 6                  | 4834        | 102  | 449   | 5385   | 426   | 1784         | 4927        | 5801        | -347         | -287                 | 13109                   | 361                  | 13470                       | 1885                         | 15355           | 49.96         |
| 7                  | 4946        | 113  | 449   | 5508   | 437   | 1781         | 4927        | 5458        | -352         | -230                 | 12954                   | 744                  | 13698                       | 1847                         | 15545           | 50.10         |
| 8                  | 4998        | 112  | 448   | 5558   | 300   | 1833         | 4933        | 5557        | -365         | -252                 | 12996                   | 797                  | 13793                       | 1900                         | 15693           | 50.06         |
| 9                  | 5094        | 169  | 440   | 5703   | 312   | 1848         | 5001        | 5427        | -375         | -282                 | 13008                   | 823                  | 13831                       | 2113                         | 15944           | 50.05         |
| 10                 | 5056        | 267  | 447   | 5770   | 410   | 1890         | 5142        | 6149        | -469         | -414                 | 13805                   | 589                  | 14394                       | 2416                         | 16810           | 50.06         |
| 11                 | 4941        | 233  | 447   | 5621   | 366   | 1900         | 5826        | 6746        | -561         | -472                 | 14161                   | 600                  | 14761                       | 2678                         | 17439           | 49.99         |
| 12                 | 4837        | 164  | 447   | 5448   | 308   | 1905         | 5875        | 6917        | -613         | -526                 | 14052                   | 783                  | 14835                       | 2789                         | 17624           | 50.07         |
| 13                 | 4836        | 169  | 451   | 5456   | 141   | 1901         | 5891        | 6938        | -634         | -622                 | 13814                   | 838                  | 14652                       | 2784                         | 17436           | 50.10         |
| 14                 | 4877        | 168  | 448   | 5493   | 201   | 1904         | 5845        | 6988        | -616         | -710                 | 13876                   | 682                  | 14558                       | 2742                         | 17300           | 50.03         |
| 15                 | 4916        | 173  | 448   | 5537   | 380   | 1893         | 6009        | 6965        | -630         | -727                 | 14048                   | 508                  | 14556                       | 2758                         | 17314           | 49.94         |
| 16                 | 4828        | 151  | 455   | 5434   | 377   | 1900         | 5961        | 6954        | -639         | -656                 | 14009                   | 451                  | 14460                       | 2730                         | 17190           | 49.93         |
| 17                 | 4979        | 151  | 480   | 5610   | 468   | 1925         | 5146        | 6270        | -583         | -607                 | 13666                   | 496                  | 14162                       | 2674                         | 16836           | 49.97         |
| 18                 | 5016        | 163  | 437   | 5616   | 516   | 1928         | 5088        | 4850        | -527         | -500                 | 12410                   | 487                  | 12897                       | 2566                         | 15463           | 50.15         |
| 19                 | 5003        | 164  | 565   | 5732   | 635   | 1935         | 5212        | 4291        | -501         | -473                 | 12120                   | 351                  | 12471                       | 2479                         | 14950           | 50.03         |
| 20                 | 4995        | 226  | 562   | 5783   | 695   | 1927         | 5453        | 4908        | -614         | -576                 | 12737                   | 381                  | 13118                       | 2576                         | 15694           | 49.90         |
| 21                 | 5082        | 224  | 635   | 5941   | 626   | 1943         | 5483        | 4873        | -594         | -563                 | 12820                   | 377                  | 13197                       | 2558                         | 15755           | 49.98         |
| 22                 | 5146        | 165  | 637   | 5948   | 632   | 1977         | 5496        | 4743        | -636         | -576                 | 12737                   | 179                  | 12916                       | 2516                         | 15432           | 50.00         |
| 23                 | 5137        | 167  | 609   | 5913   | 569   | 1988         | 5548        | 5092        | -692         | -660                 | 12927                   | 0                    | 12927                       | 2452                         | 15379           | 49.85         |
| 24                 | 5037        | 117  | 606   | 5760   | 598   | 1987         | 5615        | 5548        | -744         | -645                 | 13271                   | 0                    | 13271                       | 2391                         | 15662           | 49.86         |
| MUs                | 117.87      | 4.27 | 11.70 | 133.84 | 10.72 | 45.24        | 129.31      | 139.34      | -12.90       | -12.22               | 317.02                  | 10.53                | 327.55                      | 57.10                        | 384.65          | 49.99         |

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/Apr/2012**

Position as on 6.30 Hrs of 29/Apr/2012

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage           | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|----------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                            |               |
| Cent_Sect NTPC(K-6)     | 500      | 09/04/2012   | 00.09        |            | Continued. | Annual Overhaul            |               |
| Cent_Sect NTPC(V-4)     | 210      | 25/04/2012   | 00.07        |            | Continued. | A/OH.                      |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                            |               |
| Tata Trombay 4          | 150      | 14/02/2012   | 00.08        |            | Continued. | Withdrawn/Cold Standby     |               |
| Bhusawal Unit 5         | 500      | 30/03/2012   | 04.34        |            | Continued. | Hand Tripped               |               |
| Dabhol 1A               | 230      | 30/03/2012   | 23.29        |            | Continued. | Gas Shortage               |               |
| Dabhol 1X               | 290      | 31/03/2012   | 19:43        |            | Continued. | Maintenance work.          |               |
| Dabhol 1B               | 230      | 31/03/2012   | 19:45        |            | Continued. | Maintenance work.          |               |
| Parli Unit 3            | 210      | 09/04/2012   | 00.10        | 28/04/2012 | 16:13      | PA Fan Tripped.            |               |
| Cent_Sect Gandhar U3    | 144      | 09/04/2012   | 21.03        |            | Continued. | Less Schedule.             |               |
| CPP WPCL U-3            | 135      | 25/04/2012   | 20.55        | 28/04/2012 | 15:16      | ID Fan Vibration High.     |               |
| Chandrapur Unit 5       | 500      | 25/04/2012   | 21.31        | 28/04/2012 | 00.31      | BLR T/L.                   |               |
| Uran Unit 6             | 108      | 25/04/2012   | 22.16        | 28/04/2012 | 16:12      | Gas Shortage.              |               |
| Cent_Sect Kawas GT1A    | 106      | 26/04/2012   | 18:13        |            | Continued. | Less requisition.          |               |
| Cent_Sect Kawas GT1B    | 106      | 26/04/2012   | 18:16        |            | Continued. | Less requisition.          |               |
| Parli Unit 7            | 250      | 27/04/2012   | 05.58        | 28/04/2012 | 19:59      | CHP bunkering problem.     |               |
| Chandrapur Unit 6       | 500      | 27/04/2012   | 09.15        | 29/04/2012 | 22.01      | Boiler tube leakage.       |               |
| Parli Unit 6            | 250      | 28/04/2012   | 03.14        | 28/04/2012 | 07:29      | Main steam temp.low        |               |
| Chandrapur Unit 4       | 210      | 28/04/2012   | 10:31        | 28/04/2012 | 15:51      | Loss of D.C. Supply.       |               |
| Uran Unit 5             | 108      | 28/04/2012   | 16:42        | 28/04/2012 | 17:45      | Damper Desrepancy Problem. |               |
| Uran Unit A0            | 120      | 28/04/2012   | 16:42        | 28/04/2012 | 18:44      | Pole Descripancy problem.  |               |
| CPP WPCL U-1            | 135      | 28/04/2012   | 17.44        |            | Continued. | PA Fan Temp.High           |               |
| Chandrapur Unit 1       | 210      | 28/04/2012   | 21:38        | 29/04/2012 | 04:13      | Main Steam leakage.        |               |
| CPP WPCL U-3            | 135      | 29/04/2012   | 06:26        | 29/04/2012 | 09.48      | Flame Loss.                |               |
| Uran Unit 5             | 108      | 29/04/2012   | 11.20        |            | Continued. | Gas Shortage               |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 28/Apr/2012**

Position as on 6.30 Hrs of 29/Apr/2012

| Name of Line                                                | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                          |
|-------------------------------------------------------------|--------------|--------------|-----------------------------------|-------------------|-----------------------------------------------------------|
| <b>InterState</b>                                           |              |              |                                   |                   |                                                           |
| <b>Voltage Level : 220KV</b>                                |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                           |
| Nasik-Navsari-I                                             | 29/04/2012   | 08.28        | 29/04/2012                        | 14.53             | Maint.work                                                |
| Tarapur - Borivali                                          | 29/04/2012   | 09.54        | 29/04/2012                        | 14.26             | Red Hot                                                   |
| <b>Voltage Level : 400KV</b>                                |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                           |
| Dhule-Sar'Sarovar - II                                      | 25/04/2012   | 18.11        |                                   | Continued.        | Over Voltage.                                             |
| Kolhapur - Mapusa - I                                       | 26/04/2012   | 17.58        | 28/04/2012                        | 11.07             | Over Voltage.                                             |
| Kolhapur - Mapusa - II                                      | 29/04/2012   | 03:09        | 29/04/2012                        | 10.52             | Over Voltage.                                             |
| <b>Voltage Level : 400KV</b>                                |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                           |
| Chandrapur - Bhadravati - III                               | 29/04/2012   | 18.04        |                                   | Continued.        | Over Voltage                                              |
| <b>IntraState</b>                                           |              |              |                                   |                   |                                                           |
| <b>Voltage Level : 400KV</b>                                |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                           |
| 50 MVAR Line Reactor on 400 KV Parly Ckt.-III at Chandrapur | 22/03/2012   | 11.00        |                                   | Continued.        | High tan delta value of bushing.                          |
| Aux.Bus @ Kolhapur                                          | 27/03/2012   | 12.51        | 29/04/2012                        | 19.15             | Alignment and servicing of C bus pentograph isolator.     |
| 50MVAR Reactor C'Pur - Parli -I at Parli end                | 16/04/2012   | 16.50        |                                   | Continued.        | Filtration work                                           |
| Karad-Jaigad II                                             | 28/04/2012   | 15.18        | 28/04/2012                        | 22.47             | Cold line Insulator washing                               |
| <b>Voltage Level : 220KV</b>                                |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                           |
| 220/132 KV 150 MVA ICT @ Bhandara                           | 28/12/2011   | 13.57        |                                   | Continued.        | Replacement of ICT by 200MVA                              |
| Uran-Kharghar-II                                            | 15/02/2012   | 07.42        |                                   | Continued.        | Mumbai system strengthening work                          |
| Khargar-Topworth                                            | 15/02/2012   | 07.47        |                                   | Continued.        | Mumbai system strengthening work                          |
| Kharghar-TSS                                                | 18/02/2012   | 08.52        |                                   | Continued.        | Temporary Reconfigured as Uran-TSS at 20.30Hrs Dt.18/2/12 |
| Uran - Kharghar - I                                         | 19/02/2012   | 07.50        |                                   | Continued.        | Mumbai System Strengthening Work.                         |
| 220/132 KV 100 MVA ICT II at Girvali                        | 14/04/2012   | 12:05        |                                   | Continued.        | Augumentation by 200 MVA ICT.                             |
| Dahanu-Versova                                              | 28/04/2012   | 07.15        | 28/04/2012                        | 18.40             | Q.M.Work                                                  |
| Babaleshwar - Nagar - I                                     | 28/04/2012   | 09.00        | 28/04/2012                        | 20.21             | Q.M.Work                                                  |
| 220/100 KV 200 MVA ICT II at Trombay                        | 28/04/2012   | 09.12        | 28/04/2012                        | 14.23             | Hot Spot                                                  |
| 220/33KV 100 MVA T/F - III @ Jamde                          | 28/04/2012   | 09.13        | 28/04/2012                        | 10.44             | Red Hot                                                   |
| 220/132 KV 200 MVA ICT - I @ Babaleshwar                    | 28/04/2012   | 09.25        | 28/04/2012                        | 15.55             | Q.M.Work                                                  |
| 220/132KV 200MVA ICT-I @ Raymond                            | 28/04/2012   | 09.40        | 28/04/2012                        | 16.36             | CT Oil Leakage                                            |
| Deepnagar - Bambhori                                        | 28/04/2012   | 09.40        | 28/04/2012                        | 16.12             | Hot Spot                                                  |
| Khadka-Bhadli-II                                            | 28/04/2012   | 10.56        | 28/04/2012                        | 14.09             | Replacement of LA                                         |
| Jejuri - Parvati                                            | 28/04/2012   | 23:50        | 29/04/2012                        | 02:51             | Y-ph CT replacement at Paravati S/S.                      |
| Versova-Boiser                                              | 29/04/2012   | 06.49        | 29/04/2012                        | 19.14             | Replacement of Insulator String                           |
| <b>Voltage Level : 400KV</b>                                |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                           |
| Deepnagar-Aurangabad-I                                      | 11/04/2012   | 16.03        |                                   | Continued.        | Over Voltage.                                             |
| Bhusawal- Aurangabad                                        | 27/04/2012   | 16.35        | 28/04/2012                        | 09.07             | Over Voltage.                                             |
| Bhusawal- Aurangabad                                        | 28/04/2012   | 17.33        |                                   | Continued.        | Over Voltage                                              |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 28/Apr/2012**

Position as on 6.30 Hrs of 29/Apr/2012

| Name of Line                 | Tripped Date | Tripped Time | Synchronised Date               | Synchronised Time | Reason of Outage               |
|------------------------------|--------------|--------------|---------------------------------|-------------------|--------------------------------|
| <b>Voltage Level : 220KV</b> |              |              | <b>Outage Type HAND TRIPPED</b> |                   |                                |
| Padgha-Temghar I             | 16/04/2012   | 10.36        | 28/04/2012                      | 11.20             | To Control Padghe ICT Loading. |
| Padgha - Temghar - II        | 24/04/2012   | 17.56        |                                 | Continued.        | To Control Padgha ICT.         |
| Chandrapur - Warora          | 25/04/2012   | 04.17        | 28/04/2012                      | 15.54             | To avoid overloading of lines. |
| <b>Voltage Level : 220KV</b> |              |              | <b>Outage Type TRIPPED</b>      |                   |                                |
| Pophali - KDPH               | 26/04/2012   | 16.35        | 29/04/2012                      | 13.45             | R-Ph CT Burst.                 |
| Pedambe - Tambati            | 29/04/2012   | 23.02        | 29/04/2012                      | 23.27             | Distance Protection            |
| <b>Voltage Level : 132KV</b> |              |              | <b>Outage Type TRIPPED</b>      |                   |                                |
| Dhule - Dhule                | 29/04/2012   | 10.55        | 29/04/2012                      | 17.27             | Backup Protection Operated     |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 29/Apr/2012

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 160         |
| Unit 7             | 210                   | 155         |
|                    | <b>620</b>            | <b>465</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 500                   | 0           |
|                    | <b>920</b>            | <b>360</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 152         |
| Unit 4             | 210                   | 160         |
| Unit 5             | 210                   | 170         |
| Unit 6             | 250                   | 180         |
| Unit 7             | 250                   | 180         |
|                    | <b>1130</b>           | <b>842</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 140         |
| Unit 2             | 210                   | 165         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 160         |
| Unit 5             | 500                   | 475         |
| Unit 6             | 500                   | 0           |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1580</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 250         |
| Unit 4             | 250                   | 250         |
|                    | <b>500</b>            | <b>500</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 190         |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 250         |
|                    | <b>1340</b>           | <b>1010</b> |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 210                   | 200         |
|                    | <b>630</b>            | <b>620</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 580         |
|                    | <b>852</b>            | <b>580</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    | 0           |
|                    | <b>53</b>             | <b>0</b>    |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 520         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 18          |
| VTRNA              | 60                    | 0           |
| TILLARI            | 60                    | 60          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| BHTGR/VEER       | 21                    | 13          |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 12          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 11          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>154</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                   | 1085        |
| WARDHA           | 405                   | 350         |
| Other CPPs       | 0                     |             |
|                  | <b>1005</b>           | <b>1435</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                  | 5415        |
|                  | <b>3455</b>           | <b>5415</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17900</b> | 7 of 7 | <b>16428</b> |
|--|--------------|--------|--------------|