



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**27/Nov/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 27/Nov/2011 SUNDAY**

| <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                | 109.173        | 2801.292        | 1) Gujrat                      | 5.478          | 81.712          |
| 2) Hydro                  | 4.942          | 320.337         | 2) Madhya Pradesh              | 21.507         | 599.131         |
| 3) Gas                    | 15.113         | 386.672         | 3) Chattisgarh                 | 14.340         | 405.160         |
| <b>Total MSGENCO</b>      | <b>129.228</b> | <b>3508.301</b> | 4) Maharashtra                 | 47.094         | 1484.517        |
| <b>B) OTHERS</b>          |                |                 | 5) Goa                         | -5.641         | -168.929        |
| 1) JSW JAIGAD             | 26.807         | 680.514         | 6) TAPS 1&2 Injection          | 7.731          | 209.448         |
| 2) WPCL                   | 7.795          | 194.405         | 7) RGPPL Injection             | 29.610         | 824.106         |
| 3) Other CPP / IPP        | 6.711          | 140.564         | 8) Pench (Excess)              | -0.254         | -7.844          |
| 4) Wind Generation        | 16.209         | 125.151         | <b># Total Cent. Sector</b>    | <b>119.865</b> | <b>3427.301</b> |
| 5) PENCH (MS)             | 0.254          | 11.975          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -7.906         | -283.136        |
| 1) TPCL Thermal           | 25.700         | 725.607         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 0.021          | 99.400          | 1) MSEDCL Bilateral            | 41.968         | 1032.729        |
| <b>TOTAL TPCL</b>         | <b>25.721</b>  | <b>825.007</b>  | Include PX                     | 1.478          | 72.981          |
| 3) REL Thermal            | 12.649         | 327.084         | 2) MUMBAI Bilateral            | 9.205          | 326.011         |
| <b>D) STATE</b>           |                |                 | Include PX                     | -2.120         | 4.788           |
| 1) Thermal (A1+C1+C3)     | 147.522        | 3853.983        | 3) MUMBAI Schedule             | 9.205          | 336.324         |
| 2) Hydro (A2+B5+C2)       | 5.217          | 431.712         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 15.113         | 386.672         | 1) MSEDCL                      | 298.963        | 7805.075        |
| 4) Wind (B4)              | 16.209         | 125.151         | 2) TPCL                        | 30.568         | 955.570         |
| 5) CPP (B1+B2+B3)         | 41.313         | 1015.483        | 3) REL                         | 15.704         | 479.602         |
| <b>TOTAL STATE</b>        | <b>225.374</b> | <b>5813.001</b> | <b>TOTAL STATE</b>             | <b>345.235</b> | <b>9240.247</b> |

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

| <b>PARTICULARS</b>               | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 20 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                  | 4569                             | 4710                             | 4426                             |
| MSGENCO Hydro                    | 530                              | 256                              | 139                              |
| MSGENCO Gas                      | 609                              | 619                              | 660                              |
| <b>MSGENCO Total Generation</b>  | <b>5708</b>                      | <b>5585</b>                      | <b>5225</b>                      |
| <b>Central Sector Receipt</b>    | <b>4871</b>                      | <b>5232</b>                      | <b>4662</b>                      |
| <b>WIND</b>                      | <b>844</b>                       | <b>639</b>                       | <b>611</b>                       |
| <b>CPP / IPP</b>                 | <b>1818</b>                      | <b>1739</b>                      | <b>1718</b>                      |
| <b>Exchange with Mumbai</b>      | <b>-374</b>                      | <b>-515</b>                      | <b>-182</b>                      |
| <b>MSEDCL DEMAND MET</b>         | <b>12894</b>                     | <b>12690</b>                     | <b>11833</b>                     |
| <b>Load Shedding (LS)</b>        | <b>2055</b>                      | <b>1064</b>                      | <b>60</b>                        |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>14949</b>                     | <b>13754</b>                     | <b>11893</b>                     |
| <b>TPCL GENERATION</b>           | <b>1111</b>                      | <b>1183</b>                      | <b>910</b>                       |
| <b>REL GENERATION</b>            | <b>527</b>                       | <b>527</b>                       | <b>528</b>                       |
| <b>TPCL+REL DEMAND</b>           | <b>2012</b>                      | <b>2225</b>                      | <b>1620</b>                      |
| <b>STATE DEMAND MET</b>          | <b>14906</b>                     | <b>14915</b>                     | <b>13453</b>                     |
| <b>Load Management (LM)</b>      | <b>2356</b>                      | <b>3940</b>                      | <b>2003</b>                      |
| <b>Total Load Relief (LS+LM)</b> | <b>4411</b>                      | <b>5004</b>                      | <b>2063</b>                      |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>19317</b>                     | <b>19919</b>                     | <b>15516</b>                     |
| <b>Frequency (Hz)</b>            | <b>49.58</b>                     | <b>49.94</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>50.28 Hz at 17:03 Hrs</b> | <b>49.31 Hz at 08:25 Hrs</b> | <b>49.85</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 27/Nov/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 2.84        | 79.13         | 156      | 94       | 115      |
| Unit 6           | 2.91        | 94.66         | 148      | 85       | 135      |
| Unit 7           | 3.33        | 55.52         | 165      | 110      | 135      |
| Total            | 9.08        | 229.31        |          |          | 385      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 4.19        | 94.09         | 195      | 135      | 190      |
| Unit 3           | 4.20        | 78.10         | 195      | 150      | 190      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 8.39        | 172.20        |          |          | 380      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 25.34         | 0        | 0        | 0        |
| Unit 4           | 3.89        | 94.54         | 175      | 137      | 175      |
| Unit 5           | 2.81        | 78.83         | 126      | 106      | 132      |
| Unit 6           | 0.00        | 109.91        | 0        | 0        | 0        |
| Unit 7           | 5.13        | 111.55        | 249      | 173      | 180      |
| Total            | 11.83       | 420.17        |          |          | 487      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.70        | 101.30        | 158      | 150      | 160      |
| Unit 2           | 0.00        | 9.78          | 0        | 0        | 0        |
| Unit 3           | 4.16        | 107.00        | 185      | 124      | 180      |
| Unit 4           | 4.86        | 126.50        | 205      | 200      | 210      |
| Unit 5           | 10.92       | 193.64        | 470      | 410      | 450      |
| Unit 6           | 10.97       | 218.00        | 480      | 430      | 450      |
| Unit 7           | 9.31        | 222.23        | 463      | 313      | 400      |
| Total            | 43.91       | 978.44        |          |          | 1850     |
| Paras            |             |               |          |          |          |
| Unit 3           | 3.94        | 99.14         | 180      | 155      | 160      |
| Unit 4           | 4.18        | 96.70         | 189      | 155      | 170      |
| Total            | 8.13        | 195.85        |          |          | 330      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.45        | 106.70        | 205      | 105      | 200      |
| Unit 2           | 4.49        | 105.64        | 200      | 167      | 200      |
| Unit 3           | 4.71        | 111.17        | 214      | 163      | 200      |
| Unit 4           | 4.69        | 112.03        | 207      | 172      | 200      |
| Unit 5           | 0.00        | 40.35         | 0        | 0        | 0        |
| Total            | 18.34       | 475.89        |          |          | 800      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 5.13        | 124.86        | 220      | 210      | 210      |
| Unit 4           | 0.00        | 104.62        | 0        | 0        | 0        |
| Unit 5           | 4.36        | 99.95         | 193      | 169      | 180      |
| Total            | 9.49        | 329.43        |          |          | 390      |
| Uran             |             |               |          |          |          |
| All Units        | 15.11       | 386.67        | 660      | 601      | 630      |
| Total            | 15.11       | 386.67        |          |          | 630      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.25        | 11.98         | 27       | 0        | 0        |
| Total            | 0.25        | 11.98         |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.36        | 98.68         | 160      | 35       | 520      |
| Stage 4          | 0.06        | 93.59         | 65       | 0        | 250      |
| Stage 3          | 0.09        | 41.49         | 48       | 0        | 320      |
| Total            | 1.51        | 233.76        |          |          | 1090     |
| Kovna 12&4 Total | 1.42        | 192.27        |          |          | 770      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.48        | 7.80          | 20       | 19       | 19       |
| VTRNA           | 0.00        | 0.39          | 0        | 0        | 0        |
| TILLARI         | 0.00        | 6.79          | 0        | 0        | 0        |
| BHTGR/VEER      | 0.45        | 5.58          | 19       | 18       | 9        |
| BHIRA T.R.      | 0.21        | 5.91          | 82       | 0        | 80       |
| RNGR+BHTSA      | 0.39        | 10.40         | 17       | 16       | 15       |
| BHANDARDRA      | 0.00        | 0.00          | 0        | 0        | 0        |
| ELDARY          | 0.00        | 7.58          | 0        | 0        | 0        |
| SMLHY PTN       | 1.15        | 20.19         | 56       | 44       | 25       |
| GHATGHAR        | 0.76        | 21.93         | 173      | 0        | 0        |
| Total           | 3.43        | 86.58         |          |          | 148      |
| Wind            |             |               |          |          |          |
| MalharPeth      | 1.21        | 10.42         |          |          |          |
| Vankuswadi      | 2.22        | 16.88         |          |          |          |
| ATIT            | 0.31        | 3.83          |          |          |          |
| Kale            | 0.74        | 6.48          |          |          |          |
| Satara          | 4.36        | 22.82         |          |          |          |
| Shirala         | 0.76        | 7.48          |          |          |          |
| K Mahankal      | 0.07        | 7.27          |          |          |          |
| Supa            | 0.18        | 2.13          |          |          |          |
| Vita            | 2.77        | 23.20         |          |          |          |
| Dondaicha       | 1.92        | 10.58         |          |          |          |
| Sakri           | 0.35        | 1.90          |          |          |          |
| Nandurbar       | 0.11        | 1.32          |          |          |          |
| Khandke         | 0.72        | 5.60          |          |          |          |
| Khaparale       | 0.51        | 5.23          |          |          |          |
| Total           | 16.21       | 125.15        |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 26.81       | 680.51        | 1209     | 933      | 1100     |
| WARDHA          | 7.80        | 194.40        | 359      | 303      | 360      |
| Other CPPs      | 6.71        | 140.56        |          |          |          |
| Total           | 41.31       | 1015.48       |          |          | 1460     |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 11.04       | 269.88        | 494      | 316      | 495      |
| Trombay 6       | 4.25        | 186.40        | 247      | 154      | 500      |
| Trombay 7A      | 2.86        | 75.38         | 122      | 116      | 120      |
| Trombay 7B      | 1.60        | 42.27         | 68       | 66       | 60       |
| Trombay 8       | 5.95        | 151.68        | 252      | 244      | 250      |
| TATA Hydro      | 0.02        | 99.40         | 9        | 0        | 447      |
| Total           | 25.72       | 825.01        |          |          | 1872     |
| REL             |             |               |          |          |          |
| 1&2             | 12.65       | 327.08        | 528      | 525      | 500      |
| Total           | 12.65       | 327.08        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 5453     |
| Total           |             |               |          |          | 5453     |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 109.17        | 2801.29        |  |  | 4622         |
|                    | Thml+Gas     | 124.29        | 3187.96        |  |  | 5252         |
|                    | Hydro        | 4.94          | 320.34         |  |  | 1238         |
|                    | <b>Total</b> | <b>129.23</b> | <b>3508.30</b> |  |  | <b>6490</b>  |
| <b>State Total</b> |              | <b>225.37</b> | <b>5813.00</b> |  |  | <b>15775</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 27/Nov/2011

| 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>RELEIF<br>(LS+LM) | MSEDCL<br>DEMAND<br>WITH LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM. WITH<br>LS+LM | FREQ.<br>(Hz) |
|--------------------|-------------|------|-------|--------|-------|--------------|-------------|-------------|--------------|----------------------|-------------------------|-----------------------------|-----------------------------|-------------------------|-----------------------------|---------------|
|                    | THM         | HY   | GAS   |        |       |              |             |             |              |                      |                         |                             |                             |                         |                             |               |
| 1                  | 4368        | 134  | 657   | 5159   | 642   | 1740         | 5025        | 4936        | -428         | -313                 | 12164                   | 2502                        | 12224                       | 1908                    | 16574                       | 49.88         |
| 2                  | 4458        | 149  | 660   | 5267   | 629   | 1650         | 4932        | 4894        | -327         | -240                 | 12200                   | 2264                        | 12262                       | 1769                    | 16233                       | 49.94         |
| 3                  | 4469        | 139  | 660   | 5268   | 617   | 1523         | 4889        | 4769        | -281         | -193                 | 11984                   | 1939                        | 12042                       | 1675                    | 15598                       | 49.94         |
| 4                  | 4426        | 139  | 660   | 5225   | 611   | 1517         | 4863        | 4662        | -255         | -182                 | 11833                   | 2063                        | 11893                       | 1620                    | 15516                       | 50.01         |
| 5                  | 4423        | 154  | 660   | 5237   | 609   | 1519         | 4858        | 4956        | -244         | -179                 | 12149                   | 2489                        | 12639                       | 1614                    | 16252                       | 49.92         |
| 6                  | 4550        | 139  | 648   | 5337   | 584   | 1609         | 4870        | 4999        | -239         | -177                 | 12379                   | 2765                        | 13033                       | 1645                    | 16789                       | 49.85         |
| 7                  | 4495        | 164  | 645   | 5304   | 603   | 1840         | 4774        | 4858        | -263         | -90                  | 12530                   | 3560                        | 13915                       | 1679                    | 17769                       | 49.70         |
| 8                  | 4649        | 260  | 648   | 5557   | 679   | 1791         | 4800        | 4695        | -263         | -66                  | 12656                   | 3774                        | 13916                       | 1675                    | 18105                       | 49.66         |
| 9                  | 4649        | 165  | 631   | 5445   | 791   | 1800         | 4845        | 4636        | -295         | -151                 | 12521                   | 3667                        | 13644                       | 1761                    | 17949                       | 49.66         |
| 10                 | 4590        | 341  | 619   | 5550   | 848   | 1807         | 4887        | 4866        | -331         | -307                 | 12771                   | 4260                        | 14579                       | 1914                    | 18945                       | 49.57         |
| 11                 | 4569        | 530  | 609   | 5708   | 844   | 1818         | 4951        | 4871        | -394         | -374                 | 12894                   | 4411                        | 14949                       | 2012                    | 19317                       | 49.58         |
| 12                 | 4553        | 331  | 608   | 5492   | 798   | 1826         | 5290        | 5136        | -421         | -359                 | 12918                   | 4284                        | 14839                       | 2028                    | 19230                       | 49.76         |
| 13                 | 4521        | 143  | 606   | 5270   | 826   | 1808         | 5307        | 5248        | -421         | -354                 | 12823                   | 4480                        | 14894                       | 2016                    | 19319                       | 49.71         |
| 14                 | 4475        | 270  | 606   | 5351   | 754   | 1825         | 5292        | 5451        | -405         | -330                 | 13076                   | 4194                        | 14944                       | 1967                    | 19237                       | 49.85         |
| 15                 | 4475        | 264  | 601   | 5340   | 747   | 1808         | 5257        | 5534        | -379         | -300                 | 13154                   | 3959                        | 14978                       | 1947                    | 19060                       | 49.88         |
| 16                 | 4548        | 209  | 602   | 5359   | 689   | 1804         | 5183        | 5516        | -363         | -292                 | 13099                   | 3991                        | 14995                       | 1931                    | 19021                       | 49.89         |
| 17                 | 4593        | 149  | 614   | 5356   | 633   | 1713         | 4878        | 4894        | -352         | -274                 | 12324                   | 4589                        | 14393                       | 1911                    | 18824                       | 50.04         |
| 18                 | 4611        | 149  | 618   | 5378   | 590   | 1795         | 4913        | 4906        | -379         | -338                 | 12331                   | 4242                        | 13760                       | 1942                    | 18515                       | 49.83         |
| 19                 | 4702        | 269  | 619   | 5590   | 638   | 1750         | 5210        | 5178        | -542         | -518                 | 12646                   | 4722                        | 13961                       | 2193                    | 19561                       | 49.92         |
| 20                 | 4710        | 256  | 619   | 5585   | 639   | 1739         | 5372        | 5232        | -542         | -515                 | 12690                   | 5004                        | 13754                       | 2225                    | 19919                       | 49.94         |
| 21                 | 4635        | 150  | 622   | 5407   | 573   | 1754         | 5355        | 5025        | -542         | -557                 | 12222                   | 4663                        | 12989                       | 2226                    | 19111                       | 50.09         |
| 22                 | 4597        | 155  | 631   | 5383   | 575   | 1721         | 5356        | 4969        | -522         | -600                 | 12056                   | 3873                        | 12118                       | 2221                    | 18150                       | 49.93         |
| 23                 | 4554        | 139  | 633   | 5326   | 654   | 1587         | 5187        | 4831        | -532         | -607                 | 11791                   | 3813                        | 11855                       | 2207                    | 17811                       | 49.82         |
| 24                 | 4553        | 144  | 637   | 5334   | 636   | 1569         | 5011        | 4803        | -485         | -590                 | 11752                   | 3530                        | 11818                       | 2190                    | 17472                       | 49.96         |
| MUs                | 109.17      | 4.94 | 15.11 | 129.23 | 16.21 | 41.31        | 121.30      | 119.86      | -9.21        | -7.91                | 298.96                  | 89.04                       | 324.39                      | 46.28                   | 434.28                      | 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 27/Nov/2011**

Position as on 6.30 Hrs of 28/Nov/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                           | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|--------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                            |               |
| Chandrapur Unit 2       | 210      | 05/11/2011   | 11.02        |            | Continued. | Boiler Tube Leakage,converted to AOH.      | 30/11/2011    |
| Cent_Sect TARAPUR-4     | 540      | 06/11/2011   | 01.00        |            | Continued. | Annual Overhaul                            | 25/12/2011    |
| Parli Unit 3            | 210      | 12/11/2011   | 21.25        |            | Continued. | Annual Overhaul.                           | 22/12/2011    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                            |               |
| Bhusawal Unit 4         | 500      | 17/10/2011   | 03.55        |            | Continued. | Hand Tripped                               |               |
| CPP WPCL U-4            | 135      | 02/11/2011   | 04.40        |            | Continued. | ID Fan Problem, Preparation for P.G. Test. | 05/12/2011    |
| Dabhol 1A               | 230      | 14/11/2011   | 12:00        |            | Continued. | Gas Shortage.                              | 28/11/2011    |
| Cent_Sect Kawas GT2A    | 106      | 21/11/2011   | 18:30        |            | Continued. | W/Dn.                                      |               |
| Dabhol 1B               | 230      | 23/11/2011   | 03.45        |            | Continued. | Gas Shortage                               |               |
| Dabhol 1X               | 290      | 23/11/2011   | 03.45        |            | Continued. | Gas Shortage                               |               |
| Koyna Unit 7            | 80       | 24/11/2011   | 07.46        |            | Continued. | Outage.                                    | 30/11/2011    |
| Khaparkheda Unit 5      | 500      | 24/11/2011   | 09.40        |            | Continued. | Boiler Tube Leakage.                       | 28/11/2011    |
| Parli Unit 6            | 250      | 26/11/2011   | 07.05        |            | Continued. | By pass valve problem.                     |               |
| Nasik Unit 4            | 210      | 26/11/2011   | 09.15        |            | Continued. | Boiler Tube Leakage.                       | 29/11/2011    |
| Cent_Sect sipat-5       | 500      | 27/11/2011   | 05.54        |            | Continued. | Boiler Tube Leakage.                       | 30/11/2011    |
| Cent_Sect NTPC(V) 9     | 500      | 27/11/2011   | 23.21        |            | Continued. | Boiler tube leakage.                       | 30/11/2011    |
| Paras Unit 4            | 250      | 28/11/2011   | 01.29        | 28/11/2011 | 05.12      | ACW pump tripped.                          |               |
| Parli Unit 5            | 210      | 28/11/2011   | 04.26        |            | Continued. | P.A.fan problem.                           | 29/11/2011    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 27/Nov/2011**

Position as on 6.30 Hrs of 28/Nov/2011

| Name of Line                            | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                                                                                     |
|-----------------------------------------|--------------|--------------|-----------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>InterState</b>                       |              |              |                                   |                   |                                                                                                                                      |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                                                      |
| Seoni - Wardha                          | 27/11/2011   | 09.07        | 27/11/2011                        | 18.36             | Outage approved in WRPC OCM.                                                                                                         |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                                                      |
| Boiser - Tarapur                        | 30/10/2011   | 08.31        |                                   | Continued.        | 60 Days outage for Dismantling of existing tower and re-stringing work for Mumbai Strengthening Scheme(Converted as Borivali-Tarapur |
| Bhoisor-Bhoisor(PGCIL)-I                | 27/11/2011   | 06.00        | 27/11/2011                        | 18.40             | Stringing of line over new tower.                                                                                                    |
| PADGHA-BOISER (PGCIL)                   | 27/11/2011   | 06.20        | 27/11/2011                        | 18.07             | Stringing of line over new tower.                                                                                                    |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                                                                                      |
| Parli-Parli (PGCIL) I                   | 19/10/2011   | 21.40        |                                   | Continued.        | Over Voltage.                                                                                                                        |
| Parli (PGCIL)-Bhadravati-II             | 07/11/2011   | 17.00        | 27/11/2011                        | 10.00             | Over Voltage.                                                                                                                        |
| Parli (PG) - Wardha (PG) - II           | 24/11/2011   | 17.49        |                                   | Continued.        | Over Voltage.                                                                                                                        |
| Dhule-Sar'Sarovar - I                   | 26/11/2011   | 16.59        | 27/11/2011                        | 09.07             | Over Voltage                                                                                                                         |
| Kolhapur-Mapusa-II                      | 27/11/2011   | 16.23        |                                   | Continued.        | Over Voltage.                                                                                                                        |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                                                                                      |
| Pench - Kanhan                          | 23/11/2011   | 21.55        |                                   | Continued.        | Hand Tripped.                                                                                                                        |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                                                                                      |
| Dhule-Sar'Sarovar - I                   | 27/11/2011   | 16.31        |                                   | Continued.        | Tripped on Over Voltage.                                                                                                             |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                                                                                      |
| Halkarni-Amona I                        | 27/11/2011   | 16.36        |                                   | Continued.        | Distance protection.Declared faulty.                                                                                                 |
| <b>IntraState</b>                       |              |              |                                   |                   |                                                                                                                                      |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                                                                      |
| 400/220KV 105 MVA Spare ICT at Parly II | 22/04/2011   | 13.50        |                                   | Continued.        | To Remove Trip Coil Assembly for Bus Coupler.                                                                                        |
| 400/220/33KV,500 MVA ICT-I At Kalwa     | 27/11/2011   | 08.51        | 27/11/2011                        | 17.22             | Replacement of IPS tube under LES scheme.                                                                                            |
| <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                                                                                                             |
| 220/132 KV 250 MVA ICT at Ambazari      | 05/08/2011   | 10.41        |                                   | Continued.        | ICT is to be replaced by 200 MVA ICT                                                                                                 |
| Bhoisor - Borivali                      | 30/10/2011   | 08.06        |                                   | Continued.        | 60 Days outage for Dismantling of existing tower and re-stringing work for Mumbai Strengthening Scheme(Converted as Borivali-Tarapur |
| 220/100KV,125 MVA T/F-II at Jambhul     | 08/11/2011   | 13.50        |                                   | Continued.        | Inspection and Rectification of Gas Formation upto 29/11/2011                                                                        |
| Kalwa-Mulund II                         | 12/11/2011   | 09.43        |                                   | Continued.        | Replacement of breaker isolator .Line taken on TBC.(up to 28/11/2011)                                                                |
| 220/15.75KV 250 MVA GT III @ Parly-I    | 16/11/2011   | 12.25        |                                   | Continued.        | Replacement of main bus isolator.                                                                                                    |
| Girivali - Parli - III                  | 23/11/2011   | 10.13        |                                   | Continued.        | Replacement of Main-I & Main-II Isolator Under LES.                                                                                  |
| 220/7 KV 20 MVA Stn.T/F-IV at Korady    | 23/11/2011   | 16.53        |                                   | Continued.        | (L V Side is on TBC) Rep, of 29B Isolator.                                                                                           |
| 220/132 KV 100 MVA ICT-I @ Girawali     | 24/11/2011   | 10.46        |                                   | Continued.        | Augmentation of ICT BY 200 MVA ICT.                                                                                                  |
| Borivali-Mulund                         | 27/11/2011   | 08.08        |                                   | Continued.        | For erection of 220KV LA on LILO                                                                                                     |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 27/Nov/2011**

Position as on 6.30 Hrs of 28/Nov/2011

| Name of Line                            | Tripped Date | Tripped Time                      | Synchronise d Date | Synchronise d Time | Reason of Outage                                                                 |
|-----------------------------------------|--------------|-----------------------------------|--------------------|--------------------|----------------------------------------------------------------------------------|
|                                         |              |                                   |                    |                    | Tower.                                                                           |
| <b>Voltage Level : 110KV</b>            |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                    |                                                                                  |
| Borivali-Borivali Tata-II               | 27/11/2011   | 07.40                             | 27/11/2011         | 19.52              | To facilitate stringing of conductor of 220KV Bo-Bo ckt.5.                       |
| <b>Voltage Level : 100KV</b>            |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                    |                                                                                  |
| Chinchwad - Talegaon                    | 25/11/2011   | 11.29                             |                    | Continued.         | Line Strengthning.                                                               |
| 100KV Bus at Kandalgaon.                | 27/11/2011   | 10.05                             | 27/11/2011         | 12.30              | Replacement of isolator under LES.                                               |
| <b>Voltage Level : 400KV</b>            |              | <b>Outage Type HAND TRIPPED</b>   |                    |                    |                                                                                  |
| 400/220 KV 100 MVA Spare Unit @ Koradi  | 17/11/2011   | 20.32                             |                    | Continued.         | Buccolz alarm problem.                                                           |
| 400/220KV,500MVA ICT-II at Khaparkheda. | 20/11/2011   | 08.02                             |                    | Continued.         | Due to low nitrogran pressure fire alarm received.                               |
| Karad-Kolhapur-II                       | 26/11/2011   | 16.35                             |                    | Continued.         | Over Voltage                                                                     |
| Bhusawal- Aurangabad                    | 26/11/2011   | 21.28                             | 27/11/2011         | 05.56              | Over Voltage.                                                                    |
| C'pur-Parli II                          | 27/11/2011   | 16.15                             |                    | Continued.         | CVT replacement at Parli.                                                        |
| Bhusawal- Aurangabad                    | 27/11/2011   | 20.48                             |                    | Continued.         | Over Voltage.                                                                    |
| <b>Voltage Level : 220KV</b>            |              | <b>Outage Type HAND TRIPPED</b>   |                    |                    |                                                                                  |
| Nasik-Bablswr - I                       | 24/11/2011   | 10.24                             |                    | Continued.         | To Control the Load.                                                             |
| Chandrapur - Warora                     | 24/11/2011   | 21.45                             | 27/11/2011         | 22.44              | To Control 220KV Warora-Wardha & Warora-Hinganghat Loading.                      |
| Badnera-Akola Ckt.I                     | 27/11/2011   | 09.15                             | 27/11/2011         | 19.01              | H/T to control Wardha line loading.                                              |
| Badnera-Akola-II                        | 27/11/2011   | 09.15                             | 27/11/2011         | 19.02              | H/T to control Wardha line loading.                                              |
| <b>Voltage Level : 132KV</b>            |              | <b>Outage Type TRIPPED</b>        |                    |                    |                                                                                  |
| Bhenda-Shevgaon                         | 27/11/2011   | 03.35                             | 27/11/2011         | 03.55              | Distance protection.Line charged from Bhenda end.Breaker problem at Shegaon end. |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 28/Nov/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 145         |
| Unit 6             | 210                   | 135         |
| Unit 7             | 210                   | 130         |
|                    | <b>620</b>            | <b>410</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 500                   |             |
|                    | <b>920</b>            | <b>370</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 150         |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 200         |
|                    | <b>1130</b>           | <b>350</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 105         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1845</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 160         |
| Unit 4             | 250                   | 160         |
|                    | <b>500</b>            | <b>320</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 170         |
| Unit 5             | 500                   |             |
|                    | <b>1340</b>           | <b>660</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 192         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 162         |
|                    | <b>630</b>            | <b>354</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 630         |
|                    | <b>852</b>            | <b>630</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</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                    | 20          |
| VTRNA              | 60                    | 0           |
| TILLARI            | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| BHTGR/VEER       | 21                    | 7           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 15          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 25          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>147</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                   | 1100        |
| WARDHA           | 405                   | 360         |
| Other CPPs       | 0                     |             |
|                  | <b>1005</b>           | <b>1460</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 490         |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1867</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 5238        |
|                  | <b>3455</b>           | <b>5238</b> |