



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**27/Nov/2012**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 27/Nov/2012 TUESDAY**

| I GENERATION (MUs)    |                |                 | II EXCHANGES (MUs)          |                |                 |
|-----------------------|----------------|-----------------|-----------------------------|----------------|-----------------|
| A) MSGENCO            | Daily          | Monthly         | E) Central Sector           | Daily          | Monthly         |
| 1) Thermal            | 123.057        | 3030.103        | 1) Gujrat                   | 10.243         | 332.336         |
| 2) Hydro              | 13.016         | 244.655         | 2) Madhya Pradesh           | 15.645         | 467.797         |
| 3) Gas                | 6.422          | 218.083         | 3) Chattisgarh              | 12.000         | 327.030         |
| <b>Total MSGENCO</b>  | <b>142.495</b> | <b>3492.841</b> | 4) Maharashtra              | 69.274         | 1900.565        |
| B) 1) JSW JAIGAD      | 26.662         | 714.291         | 5) Goa                      | -5.837         | -159.072        |
| 2) WPCL               | 8.807          | 200.868         | 6) TAPS 1&2 Injection       | 3.594          | 97.129          |
| 3) ADANI              | 0.000          | 81.500          | 7) RGPPL Injection          | 14.147         | 285.821         |
| 4) Other CPP / IPP    | 10.069         | 231.983         | 8) Pench (Excess)           | -0.448         | -14.485         |
| 5) Wind Generation    | 1.128          | 89.085          | <b># Total Cent. Sector</b> | <b>118.618</b> | <b>3237.121</b> |
| 6) PENCH (MS)         | 0.448          | 15.144          | F) Other Exchanges          |                |                 |
| C) TPCL & REL         |                |                 | 1) With TPCL (Excess)       | -8.735         | -260.972        |
| 1) TPCL Thermal       | 27.071         | 691.915         | G) Bilateral Power *        |                |                 |
| 2) TPCL Hydro         | 3.817          | 90.559          | 1) MSEDCL Bilateral         | 38.860         | 1156.621        |
| <b>TOTAL TPCL</b>     | <b>30.888</b>  | <b>782.474</b>  | Include PX                  | 1.837          | 57.967          |
| 3) REL Thermal        | 12.680         | 330.971         | 2) MUMBAI Bilateral         | 10.870         | 303.088         |
| D) STATE              |                |                 | Include PX                  | -0.911         | 13.138          |
| 1) Thermal (A1+C1+C3) | 162.808        | 4052.989        | 3) MUMBAI Schedule          | 10.870         | 305.545         |
| 2) Hydro (A2+B5+C2)   | 17.281         | 350.358         | H) ENERGY CATERED (MUs)     |                |                 |
| 3) Gas (A3)           | 6.422          | 218.083         | 1) MSEDCL                   | 299.492        | 7801.861        |
| 4) Wind (B4)          | 1.128          | 89.085          | 2) TPCL                     | 35.468         | 926.488         |
| 5) CPP (B1+B2+B3)     | 45.538         | 1147.142        | 3) REL                      | 16.837         | 447.899         |
| <b>TOTAL STATE</b>    | <b>233.177</b> | <b>5857.657</b> | <b>TOTAL STATE</b>          | <b>351.797</b> | <b>9176.248</b> |

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

| PARTICULARS                     | A. Morning Peak at 12 Hrs | B. Evening Peak at 17 Hrs | C. Night Minimum at 4 Hrs |
|---------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                 | 5153                      | 5481                      | 4853                      |
| MSGENCO Hydro                   | 1091                      | 474                       | 145                       |
| MSGENCO Gas                     | 258                       | 245                       | 265                       |
| <b>MSGENCO Total Generation</b> | <b>6502</b>               | <b>6200</b>               | <b>5263</b>               |
| Central Sector Receipt          | 5674                      | 5492                      | 4217                      |
| WIND                            | 18                        | 25                        | 26                        |
| CPP / IPP                       | 2026                      | 2019                      | 1798                      |
| Exchange with Mumbai            | -441                      | -417                      | -176                      |
| <b>MSEDCL DEMAND MET</b>        | <b>13802</b>              | <b>13319</b>              | <b>11128</b>              |
| Load Shedding                   | 738                       | 447                       | 227                       |
| <b>MSEDCL DEMAND</b>            | <b>14540</b>              | <b>13766</b>              | <b>11355</b>              |
| TPCL GENERATION                 | 1715                      | 1641                      | 838                       |
| R-INFRA GENERATION              | 527                       | 527                       | 529                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2683</b>               | <b>2585</b>               | <b>1543</b>               |
| <b>STATE DEMAND MET</b>         | <b>16485</b>              | <b>15904</b>              | <b>12671</b>              |
| <b>STATE DEMAND</b>             | <b>17223</b>              | <b>16351</b>              | <b>12898</b>              |
| Frequency (Hz)                  | 49.87                     | 49.90                     | 50.13                     |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz |
|-----------------------|-----------------------|---------------|---------------------|
| 50.33 Hz at 03.06 Hrs | 49.57 Hz at 10.15 Hrs | 49.95         | 0 % of Time(min)    |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 27/Nov/2012

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 3.33        | 87.84         | 160      | 123      | 135      |
| Unit 7           | 1.94        | 77.60         | 171      | 0        | 0        |
| Total            | 5.27        | 165.44        |          |          | 135      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 4.27        | 109.06        | 185      | 160      | 175      |
| Unit 4           | 6.90        | 127.05        | 375      | 235      | 300      |
| Unit 5           | 0.00        | 11.32         | 0        | 0        | 0        |
| Total            | 11.18       | 247.43        |          |          | 475      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.55        | 48.13         | 158      | 123      | 130      |
| Unit 4           | 2.12        | 80.87         | 146      | 0        | 0        |
| Unit 5           | 0.55        | 32.99         | 129      | 0        | 0        |
| Unit 6           | 0.00        | 24.39         | 0        | 0        | 0        |
| Unit 7           | 4.68        | 118.39        | 226      | 143      | 155      |
| Total            | 10.90       | 304.76        |          |          | 285      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.72        | 92.01         | 157      | 153      | 160      |
| Unit 2           | 3.89        | 74.56         | 165      | 153      | 160      |
| Unit 3           | 4.74        | 109.72        | 203      | 180      | 200      |
| Unit 4           | 4.69        | 122.53        | 200      | 190      | 200      |
| Unit 5           | 10.04       | 255.23        | 440      | 390      | 425      |
| Unit 6           | 10.45       | 231.28        | 465      | 391      | 450      |
| Unit 7           | 9.31        | 241.86        | 452      | 300      | 350      |
| Total            | 46.84       | 1127.19       |          |          | 1945     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.78        | 126.76        | 232      | 159      | 230      |
| Unit 4           | 4.37        | 127.92        | 222      | 120      | 200      |
| Total            | 9.15        | 254.68        |          |          | 430      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.47        | 81.76         | 210      | 150      | 180      |
| Unit 2           | 4.06        | 99.97         | 209      | 140      | 180      |
| Unit 3           | 4.40        | 111.88        | 214      | 122      | 190      |
| Unit 4           | 4.61        | 110.84        | 213      | 164      | 200      |
| Unit 5           | 8.81        | 202.64        | 448      | 294      | 370      |
| Total            | 26.36       | 607.09        |          |          | 1120     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.66        | 111.52        | 205      | 180      | 200      |
| Unit 4           | 4.30        | 111.73        | 190      | 165      | 190      |
| Unit 5           | 4.40        | 100.27        | 192      | 169      | 190      |
| Total            | 13.36       | 323.52        |          |          | 580      |
| Uran             |             |               |          |          |          |
| All Units        | 6.42        | 218.08        | 292      | 245      | 250      |
| Total            | 6.42        | 218.08        |          |          | 250      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.45        | 15.14         | 53       | 0        |          |
| Total            | 0.45        | 15.14         |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 4.84        | 79.30         | 425      | 30       | 440      |
| Stage 4          | 3.19        | 58.47         | 443      | 0        | 250      |
| Stage 3          | 2.05        | 29.96         | 240      | 0        | 320      |
| Kovna 12&4 Total | 8.03        | 137.77        |          |          | 690      |

| Generating unit  | Generation   |                |          |          | OLC (MW)    |
|------------------|--------------|----------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus)  | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>10.08</b> | <b>167.73</b>  |          |          | <b>1010</b> |
| <b>Hydro</b>     |              |                |          |          |             |
| KDPH             | 0.45         | 8.67           | 19       | 18       | 20          |
| VTRNA            |              | 1.15           | 0        | 0        | 61          |
| TILLARI          | 0.21         | 7.50           | 58       | 0        | 60          |
| BHTGR/VEER       | 0.10         | 2.29           | 5        | 4        | 4           |
| BHIRA T.R.       | 0.19         | 5.14           | 82       | 0        | 80          |
| RNGR+BHTSA       | 0.40         | 9.86           | 17       | 16       | 16          |
| BHANDARDRA       | 0.47         | 0.56           | 32       | 13       | 0           |
| ELDARY           | 0.00         | 0.00           | 0        | 0        | 0           |
| SMLHY PTN        | 0.92         | 16.31          | 44       | 36       | 10          |
| GHATGHAR         | 0.20         | 25.46          | 125      | 0        | 0           |
| <b>Total</b>     | <b>2.94</b>  | <b>76.92</b>   |          |          | <b>251</b>  |
| <b>Wind</b>      |              |                |          |          |             |
| MalharPeth       | 0.09         | 5.24           |          |          |             |
| Vankuswadi       | 0.16         | 9.30           |          |          |             |
| ATIT             | 0.01         | 2.46           |          |          |             |
| Kale             | 0.02         | 2.56           |          |          |             |
| Satara           | 0.03         | 14.74          |          |          |             |
| Shirala          | 0.01         | 3.29           |          |          |             |
| K Mahankal       | 0.21         | 6.80           |          |          |             |
| Supa             | 0.05         | 2.30           |          |          |             |
| Vita             | 0.15         | 13.23          |          |          |             |
| Dondaicha        | 0.31         | 15.11          |          |          |             |
| Sakri            | 0.02         | 1.81           |          |          |             |
| Nandurbar        | 0.03         | 1.05           |          |          |             |
| Khandke          | 0.02         | 7.01           |          |          |             |
| Khaparale        | 0.03         | 4.18           |          |          |             |
| <b>Total</b>     | <b>1.13</b>  | <b>89.08</b>   |          |          |             |
| <b>CPP</b>       |              |                |          |          |             |
| JSW JAIGAD       | 26.66        | 714.29         | 1207     | 1036     | 1100        |
| WARDHA           | 8.81         | 200.87         | 370      | 363      | 367         |
| Adani            | 0.00         | 81.50          | 0        | 0        |             |
| Other CPPs       | 10.07        | 221.57         |          |          |             |
| <b>Total</b>     | <b>45.54</b> | <b>1218.23</b> |          |          | <b>1467</b> |
| <b>Tata</b>      |              |                |          |          |             |
| Trombay 4        | 0.00         | 0.00           | 0        | 0        | 0           |
| Trombay 5        | 10.22        | 258.05         | 504      | 285      | 500         |
| Trombay 6        | 6.47         | 154.98         | 460      | 156      | 500         |
| Trombay 7A       | 3.01         | 80.33          | 130      | 121      | 120         |
| Trombay 7B       | 1.67         | 44.47          | 70       | 68       | 60          |
| Trombay 8        | 5.71         | 154.08         | 253      | 194      | 250         |
| TATA Hydro       | 3.82         | 90.56          | 306      | 0        | 307         |
| <b>Total</b>     | <b>30.89</b> | <b>782.47</b>  |          |          | <b>1737</b> |
| <b>REL</b>       |              |                |          |          |             |
| 1&2              | 12.68        | 330.97         | 529      | 527      | 500         |
| <b>Total</b>     | <b>12.68</b> | <b>330.97</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |                |          |          |             |
| Share            |              |                |          |          | 4954        |
| <b>Total</b>     |              |                |          |          | <b>4954</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 123.06        | 3030.10        |  |  | 4970         |
|                    | Thml+Gas     | 129.48        | 3248.19        |  |  | 5220         |
|                    | Hydro        | 13.02         | 244.66         |  |  | 1261         |
|                    | <b>Total</b> | <b>142.50</b> | <b>3492.84</b> |  |  | <b>6481</b>  |
| <b>State Total</b> |              | <b>233.18</b> | <b>5857.66</b> |  |  | <b>15139</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/Nov/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                  | 5014        | 512   | 266  | 5792   | 30   | 1791         | 4373        | 4146        | -398         | -398                 | 11361                   | 84                   | 11445                       | 1764                         | 13209           | 50.10         |
| 2                  | 4966        | 217   | 267  | 5450   | 29   | 1793         | 4324        | 4183        | -325         | -291                 | 11164                   | 199                  | 11363                       | 1656                         | 13019           | 50.11         |
| 3                  | 4894        | 149   | 266  | 5309   | 29   | 1794         | 4345        | 4254        | -311         | -215                 | 11171                   | 213                  | 11384                       | 1583                         | 12967           | 50.13         |
| 4                  | 4853        | 145   | 265  | 5263   | 26   | 1798         | 4324        | 4217        | -288         | -176                 | 11128                   | 227                  | 11355                       | 1543                         | 12898           | 50.13         |
| 5                  | 4779        | 190   | 267  | 5236   | 28   | 1796         | 4315        | 4456        | -279         | -182                 | 11334                   | 274                  | 11608                       | 1546                         | 13154           | 49.96         |
| 6                  | 4774        | 315   | 277  | 5366   | 26   | 1816         | 4456        | 4754        | -295         | -208                 | 11754                   | 447                  | 12201                       | 1594                         | 13795           | 49.89         |
| 7                  | 4949        | 344   | 288  | 5581   | 57   | 1837         | 4869        | 4993        | -352         | -228                 | 12240                   | 773                  | 13013                       | 1649                         | 14662           | 49.83         |
| 8                  | 4885        | 920   | 288  | 6093   | 59   | 1846         | 5008        | 5282        | -381         | -295                 | 12985                   | 760                  | 13745                       | 1808                         | 15553           | 49.93         |
| 9                  | 4996        | 762   | 289  | 6047   | 80   | 2001         | 5448        | 5398        | -437         | -331                 | 13195                   | 757                  | 13952                       | 2060                         | 16012           | 49.88         |
| 10                 | 5009        | 690   | 288  | 5987   | 106  | 2016         | 5721        | 5879        | -460         | -303                 | 13695                   | 578                  | 14273                       | 2377                         | 16650           | 49.90         |
| 11                 | 4996        | 1212  | 261  | 6469   | 47   | 2019         | 5436        | 5891        | -563         | -410                 | 14043                   | 542                  | 14585                       | 2614                         | 17199           | 49.82         |
| 12                 | 5153        | 1091  | 258  | 6502   | 18   | 2026         | 5486        | 5674        | -586         | -441                 | 13802                   | 738                  | 14540                       | 2683                         | 17223           | 49.87         |
| 13                 | 5262        | 883   | 255  | 6400   | 18   | 2028         | 5367        | 5568        | -563         | -452                 | 13585                   | 848                  | 14433                       | 2675                         | 17108           | 49.90         |
| 14                 | 5187        | 886   | 255  | 6328   | 18   | 2015         | 5074        | 5463        | -593         | -469                 | 13381                   | 757                  | 14138                       | 2587                         | 16725           | 50.05         |
| 15                 | 5274        | 848   | 255  | 6377   | 18   | 2019         | 5374        | 5731        | -593         | -506                 | 13665                   | 655                  | 14320                       | 2591                         | 16911           | 49.92         |
| 16                 | 5331        | 816   | 245  | 6392   | 19   | 2018         | 5385        | 5583        | -589         | -511                 | 13511                   | 548                  | 14059                       | 2616                         | 16675           | 49.87         |
| 17                 | 5481        | 474   | 245  | 6200   | 25   | 2019         | 5270        | 5492        | -494         | -417                 | 13319                   | 447                  | 13766                       | 2585                         | 16351           | 49.90         |
| 18                 | 5419        | 775   | 245  | 6439   | 48   | 1983         | 4479        | 4451        | -450         | -369                 | 12575                   | 441                  | 13016                       | 2565                         | 15581           | 49.92         |
| 19                 | 5521        | 446   | 292  | 6259   | 51   | 1911         | 5086        | 5029        | -533         | -401                 | 12896                   | 389                  | 13285                       | 2623                         | 15908           | 49.95         |
| 20                 | 5402        | 345   | 292  | 6039   | 63   | 1807         | 4812        | 4722        | -492         | -387                 | 12297                   | 350                  | 12647                       | 2566                         | 15213           | 49.89         |
| 21                 | 5312        | 309   | 291  | 5912   | 67   | 1796         | 4488        | 4691        | -481         | -468                 | 12051                   | 253                  | 12304                       | 2394                         | 14698           | 49.94         |
| 22                 | 5296        | 205   | 254  | 5755   | 111  | 1799         | 4371        | 4116        | -471         | -495                 | 11336                   | 247                  | 11583                       | 2214                         | 13797           | 49.97         |
| 23                 | 5205        | 161   | 256  | 5622   | 97   | 1806         | 4261        | 4353        | -469         | -376                 | 11552                   | 54                   | 11606                       | 2078                         | 13684           | 49.97         |
| 24                 | 5099        | 321   | 257  | 5677   | 58   | 1804         | 4081        | 4293        | -469         | -406                 | 11453                   | 37                   | 11490                       | 1932                         | 13422           | 50.01         |
| MUs                | 123.06      | 13.02 | 6.42 | 142.50 | 1.13 | 45.54        | 116.15      | 118.62      | -10.87       | -8.74                | 299.49                  | 10.62                | 310.11                      | 52.30                        | 362.41          | 49.95         |

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/2012**

Position as on 6.30 Hrs of 28/Nov/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 Tarapur 1     | 80       | 16/07/2012   | 22.15        |            | Continued. | Refueling work.                                                              |               |
| Koradi Unit 5           | 200      | 16/09/2012   | 04.23        |            | Continued. | Low Bunkering, Converted to C O H from 20/09/2012.                           |               |
| Uran Unit A0            | 120      | 15/11/2012   | 23.56        |            | Continued. | A/OH.                                                                        |               |
| Koyna Unit 5            | 80       | 20/11/2012   | 23.45        |            | Continued. | To attend water leakage on servomotor, Outage on pressure shaft no.3 of unit | 21/12/2012    |
| Koyna Unit 6            | 75       | 21/11/2012   | 07.55        |            | Continued. | Overhauling work of Spherical Valve.                                         | 21/12/2012    |
| CPP WPCL U-3            | 135      | 26/11/2012   | 17.33        |            | Continued. | Annual Shutdown.                                                             |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                                                              |               |
| Tata TATA Hydro         | 444      | 05/09/2012   | 03:30        |            | Continued. | BHIRA (BPSU-150MW)Unit tripped due to stator winding fault.                  | 31/12/2012    |
| Dabhol 2B               | 230      | 18/09/2012   | 18.42        |            | Continued. | Gas shortage.                                                                |               |
| Dabhol 1B               | 230      | 09/10/2012   | 13.56        |            | Continued. | Gas Shortage.                                                                |               |
| Bhusawal Unit 2         | 210      | 19/10/2012   | 22.22        |            | Continued. | ID Fan Problem                                                               |               |
| Dabhol 1X               | 290      | 02/11/2012   | 16.26        |            | Continued. | Gas shortage.                                                                |               |
| Dabhol 1A               | 230      | 02/11/2012   | 16.27        |            | Continued. | Gas shortage.                                                                |               |
| Parli Unit 6            | 250      | 07/11/2012   | 09.57        |            | Continued. | Flame Failure.                                                               |               |
| CPP Adani               | 660      | 09/11/2012   | 19.16        |            | Continued. | Tripped due to Tripping of 400KV Wardha-Warora-I.                            |               |
| Dabhol 2A               | 230      | 12/11/2012   | 10.00        |            | Continued. | Generator Protection.                                                        |               |
| Dabhol 2X               | 290      | 12/11/2012   | 10.00        |            | Continued. | Generator Protection.                                                        |               |
| Uran Unit 5             | 108      | 19/11/2012   | 23.55        |            | Continued. | Gas Shortage                                                                 |               |
| Parli Unit 5            | 210      | 20/11/2012   | 15.50        | 27/11/2012 | 16.34      | Flame Failure.                                                               |               |
| Uran Unit 6             | 108      | 24/11/2012   | 11.44        |            | Continued. | Gas shortage.                                                                |               |
| Bhusawal Unit 5         | 500      | 25/11/2012   | 07.32        |            | Continued. | Coal Shortage                                                                |               |
| Koradi Unit 7           | 210      | 26/11/2012   | 10.36        | 27/11/2012 | 10.23      | Electrical Fault                                                             |               |
| Parli Unit 4            | 210      | 27/11/2012   | 03.34        | 27/11/2012 | 09.25      | Furnace Pressure Low                                                         |               |
| Khaparkheda Unit 2      | 210      | 28/11/2012   | 01.47        | 28/11/2012 | 05.03      | Flame Failure.                                                               |               |
| Paras Unit 4            | 250      | 28/11/2012   | 06.36        |            | Continued. | Flame Failure.                                                               |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 27/Nov/2012**

Position as on 6.30 Hrs of 28/Nov/2012

| Name of Line                           | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                             |
|----------------------------------------|--------------|--------------|-----------------------------------|--------------------|----------------------------------------------------------------------------------------------|
| <b>InterState</b>                      |              |              |                                   |                    |                                                                                              |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                              |
| Wardha (PG) - Warora - I               | 27/11/2012   | 13.17        | 27/11/2012                        | 22.20              | Connecting of Jumper of 400KV Warora-Wardha PGCIL-II.                                        |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                              |
| Borivali-Tarapur-I                     | 04/11/2012   | 09.53        |                                   | Continued.         | Mumbai Strengthening work to be carried out on Boiser-Borivali section upto 31/1/2013        |
| Vasai-Boiser(PG)                       | 27/11/2012   | 12.33        | 27/11/2012                        | 14.39              | Replacement of Main Relay.                                                                   |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                              |
| Parly(PG) - Wardha (PG) - I            | 15/11/2012   | 20.53        |                                   | Continued.         | H/T For O/V                                                                                  |
| Kolhapur-Solapur(PGCIL)-I              | 17/11/2012   | 11.09        |                                   | Continued.         | Over Voltage                                                                                 |
| Dhule-Sar'Sarovar - II                 | 26/11/2012   | 22.46        |                                   | Continued.         | Over Voltage                                                                                 |
| Kolhapur - Mapusa - II                 | 27/11/2012   | 15.53        |                                   | Continued.         | Over Voltage.                                                                                |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                              |
| Wardha - Deoli (PGCIL)                 | 18/11/2012   | 11.19        |                                   | Continued.         | To control Wardha-Yawatmal Loading                                                           |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                                              |
| Warora - Tiroda - II                   | 09/11/2012   | 19.16        |                                   | Continued.         | Tripped due to Warora-Wardha(PG)-I on O/V.(Isolator problem at Tiroda)                       |
| Kolhapur - Mapusa - I                  | 19/11/2012   | 00.01        | 27/11/2012                        | 15.48              | Over Voltage                                                                                 |
| <b>IntraState</b>                      |              |              |                                   |                    |                                                                                              |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                              |
| 400/220 KV Spare ICT @ Babaleshwar     | 05/07/2012   | 10.38        |                                   | Continued.         | Revamping Work of ICT-1.                                                                     |
| Main Bus - I @ Khadka                  | 27/11/2012   | 09.57        |                                   | Continued.         | Replacement of Main Bus-I P G Isolator of Aurangabad Bay.                                    |
| 52 A Isolator @ Kalwa                  | 27/11/2012   | 10.27        | 27/11/2012                        | 12.26              | To Attend Hot Spot @ C B Pad N & B.                                                          |
| Khadka - Aurangabad                    | 27/11/2012   | 11.58        |                                   | Continued.         | Replacement of Main Bus-I P G Isolator.                                                      |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                              |
| 220/132 KV 100 MVA ICT II at Girvali   | 14/04/2012   | 12:05        |                                   | Continued.         | Augumentation by 200 MVA ICT.                                                                |
| Kalwa - Khargar                        | 19/10/2012   | 08.55        |                                   | Continued.         | Mumbai Strengthening work(Till 30.11.12)                                                     |
| Mahape - Siemens                       | 19/10/2012   | 10.09        |                                   | Continued.         | Mumbai Strengthening work( Till 30.11.12)                                                    |
| Ghodbandar - Bhoisor (MSETCL)          | 04/11/2012   | 10.35        |                                   | Continued.         | mumbai strengthening work to be carried out on Boiser-Borivali section upto 31/1/2013        |
| 220/132 KV 100 MVA T/F - 6 @ Chinchwad | 12/11/2012   | 11.42        |                                   | Continued.         | Newly Charged & Kept on Humming( In Place of 220/132KV 50 MVA) Which Was Out From 12.10.12). |
| Kalwa-Siemens II                       | 21/11/2012   | 08.16        |                                   | Continued.         | Dismantling of old tower and normalization of 220KV Kalwa-Khargar line.                      |
| Bus Section I & II @ Pawas             | 27/11/2012   | 09.17        | 27/11/2012                        | 14.20              | Replacement of Insulator String of Main Bus, Tan Delta of C T OF K'Patan-Pawas.              |
| Bus section- II @ Mahad                | 27/11/2012   | 09.50        | 27/11/2012                        | 19.00              | Maintenance Work.                                                                            |
| Mudshingi - Karad - IV                 | 27/11/2012   | 10.07        | 27/11/2012                        | 17.28              | To Measure Distance By Taurus Kit.                                                           |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 27/Nov/2012**

Position as on 6.30 Hrs of 28/Nov/2012

| Name of Line                                | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                                              |
|---------------------------------------------|--------------|--------------|---------------------------------|--------------------|-------------------------------------------------------------------------------|
| 220/110KV, 200MVA T/F-III at Mudshingi      | 27/11/2012   | 10.30        |                                 | Continued.         | Removing Leakage.                                                             |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                               |
| 400/220 KV 100 MVA Spare Unit @ Koradi      | 12/07/2012   | 07.11        |                                 | Continued.         | Main Buchholz Alarm. Proposed for Repairs.                                    |
| Aurangabad-Deepnagar-II                     | 17/11/2012   | 09.10        |                                 | Continued.         | Over Voltage                                                                  |
| Karad - Kolhapur - I                        | 26/11/2012   | 16.15        | 27/11/2012                      | 07.12              | Over Voltage                                                                  |
| Bhusawal- Aurangabad                        | 26/11/2012   | 17.57        |                                 | Continued.         | Over Voltage                                                                  |
| Karad - Kolhapur - II                       | 26/11/2012   | 20.05        | 27/11/2012                      | 09.26              | Over Voltage                                                                  |
| Karad - Kolhapur - II                       | 27/11/2012   | 16.53        |                                 | Continued.         | Over Voltage.                                                                 |
| Karad - Kolhapur - I                        | 27/11/2012   | 21.37        |                                 | Continued.         | Over Voltage.                                                                 |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                               |
| 400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR | 25/09/2012   | 15.38        |                                 | Continued.         | Differential protection operated. Declared Faulty by Genco. Sent for Repairs. |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                               |
| Beed-Patoda II                              | 27/11/2012   | 02.13        | 27/11/2012                      | 02.26              | Distance Protection Operated Z-I B Ph.                                        |
| <b>Voltage Level : 132KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                               |
| Ujani - Naldurg                             | 27/11/2012   | 18.22        | 27/11/2012                      | 18.57              | Distance Protection Operated Z-II B Ph.                                       |
| 132 KV Main Bus at Jalna                    | 27/11/2012   | 18.38        | 27/11/2012                      | 18.50              | 132 KV Bus Protection Operated.                                               |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 28/Nov/2012

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 140         |
| Unit 7             | 210                   | 150         |
|                    | <b>620</b>            | <b>290</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 200         |
| Unit 3             | 210                   | 260         |
| Unit 4             | 500                   |             |
| Unit 5             | 500                   |             |
|                    | <b>1420</b>           | <b>460</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 145         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 115         |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 185         |
|                    | <b>1130</b>           | <b>445</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 425         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 425         |
|                    | <b>2340</b>           | <b>2020</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 180         |
| Unit 4             | 250                   | 170         |
|                    | <b>500</b>            | <b>350</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 190         |
| Unit 2             | 210                   | 60          |
| Unit 3             | 210                   | 115         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 500                   | 295         |
|                    | <b>1340</b>           | <b>840</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 210                   | 190         |
|                    | <b>630</b>            | <b>580</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 280         |
|                    | <b>852</b>            | <b>280</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 440         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1010</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 20          |
| VTRNA              | 60                    | 61          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 4           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 16          |
| BHANDARDRA       | 45                    | 8           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 0           |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>249</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                   | 368         |
| Adani            | 660                   |             |
| Other CPPs       | 0                     |             |
|                  | <b>1665</b>           | <b>1468</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                   | 317         |
|                  | <b>2024</b>           | <b>1747</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 5078        |
|                  | <b>3455</b>           | <b>5078</b> |