



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**11/Nov/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 11/Nov/2011 FRIDAY**

| <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                | 99.561         | 1091.033        | 1) Gujrat                      | 3.044          | 27.115          |
| 2) Hydro                  | 17.045         | 135.424         | 2) Madhya Pradesh              | 23.073         | 257.727         |
| 3) Gas                    | 15.365         | 159.502         | 3) Chattisgarh                 | 14.780         | 168.060         |
| <b>Total MSGENCO</b>      | <b>131.971</b> | <b>1385.959</b> | 4) Maharashtra                 | 52.932         | 619.802         |
| <b>B) OTHERS</b>          |                |                 | 5) Goa                         | -6.067         | -69.016         |
| 1) JSW JAIGAD             | 27.598         | 314.846         | 6) TAPS 1&2 Injection          | 7.782          | 84.966          |
| 2) WPCL                   | 5.765          | 66.664          | 7) RGPPL Injection             | 29.996         | 348.516         |
| 3) Other CPP / IPP        | 4.538          | 46.246          | 8) Pench (Excess)              | 0.149          | -4.335          |
| 4) Wind Generation        | 2.245          | 26.262          | <b># Total Cent. Sector</b>    | <b>125.689</b> | <b>1432.835</b> |
| 5) PENCH (MS)             | 0.540          | 5.589           | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -10.293        | -122.833        |
| 1) TPCL Thermal           | 29.204         | 300.308         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 3.743          | 40.809          | 1) MSEDCL Bilateral            | 34.246         | 430.385         |
| <b>TOTAL TPCL</b>         | <b>32.947</b>  | <b>341.117</b>  | Include PX                     | 0.000          | 32.506          |
| 3) REL Thermal            | 12.584         | 138.367         | 2) MUMBAI Bilateral            | 12.795         | 140.597         |
| <b>D) STATE</b>           |                |                 | Include PX                     | 0.193          | 5.752           |
| 1) Thermal (A1+C1+C3)     | 141.349        | 1529.708        | 3) MUMBAI Schedule             | 12.795         | 140.597         |
| 2) Hydro (A2+B5+C2)       | 21.328         | 181.822         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 15.365         | 159.502         | 1) MSEDCL                      | 288.053        | 3155.568        |
| 4) Wind (B4)              | 2.245          | 26.262          | 2) TPCL                        | 37.281         | 398.122         |
| 5) CPP (B1+B2+B3)         | 37.901         | 427.756         | 3) REL                         | 18.538         | 204.102         |
| <b>TOTAL STATE</b>        | <b>218.188</b> | <b>2325.050</b> | <b>TOTAL STATE</b>             | <b>343.872</b> | <b>3757.792</b> |

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

| <b>PARTICULARS</b>               | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 19 Hrs</b> | <b>C. Night Minimum at 5 Hrs</b> |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                  | 4060                             | 4457                             | 3902                             |
| MSGENCO Hydro                    | 1504                             | 457                              | 115                              |
| MSGENCO Gas                      | 616                              | 633                              | 663                              |
| <b>MSGENCO Total Generation</b>  | <b>6180</b>                      | <b>5547</b>                      | <b>4680</b>                      |
| <b>Central Sector Receipt</b>    | <b>5181</b>                      | <b>5271</b>                      | <b>5913</b>                      |
| <b>WIND</b>                      | <b>116</b>                       | <b>53</b>                        | <b>108</b>                       |
| <b>CPP / IPP</b>                 | <b>1587</b>                      | <b>1647</b>                      | <b>1620</b>                      |
| <b>Exchange with Mumbai</b>      | <b>-521</b>                      | <b>-558</b>                      | <b>-226</b>                      |
| <b>MSEDCL DEMAND MET</b>         | <b>12543</b>                     | <b>12013</b>                     | <b>12072</b>                     |
| <b>Load Shedding (LS)</b>        | <b>1758</b>                      | <b>1288</b>                      | <b>543</b>                       |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>14301</b>                     | <b>13301</b>                     | <b>12615</b>                     |
| <b>TPCL GENERATION</b>           | <b>1754</b>                      | <b>1700</b>                      | <b>884</b>                       |
| <b>REL GENERATION</b>            | <b>524</b>                       | <b>524</b>                       | <b>525</b>                       |
| <b>TPCL+REL DEMAND</b>           | <b>2799</b>                      | <b>2782</b>                      | <b>1635</b>                      |
| <b>STATE DEMAND MET</b>          | <b>15342</b>                     | <b>14795</b>                     | <b>13707</b>                     |
| <b>Load Management (LM)</b>      | <b>2804</b>                      | <b>4194</b>                      | <b>1639</b>                      |
| <b>Total Load Relief (LS+LM)</b> | <b>4562</b>                      | <b>5482</b>                      | <b>2182</b>                      |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>19904</b>                     | <b>20277</b>                     | <b>15889</b>                     |
| <b>Frequency (Hz)</b>            | <b>49.58</b>                     | <b>49.78</b>                     | <b>49.75</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.17 Hz at 18.02 Hrs</b> | <b>49.15 Hz at 14.18 Hrs</b> | <b>49.65</b>         | <b>.23 % 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 11/Nov/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.32        | 37.46         | 147      | 122      | 145      |
| Unit 6           | 3.90        | 41.00         | 170      | 151      | 165      |
| Unit 7           | 1.33        | 1.33          | 110      | 0        | 0        |
| Total            | 8.55        | 79.80         |          |          | 310      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.17        | 40.05         | 145      | 110      | 160      |
| Unit 3           | 3.31        | 35.94         | 155      | 100      | 160      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        |          |
| Total            | 6.48        | 76.00         |          |          | 320      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.41        | 22.72         | 163      | 123      | 140      |
| Unit 4           | 3.46        | 42.28         | 178      | 115      | 125      |
| Unit 5           | 3.05        | 33.35         | 152      | 106      | 140      |
| Unit 6           | 4.62        | 44.66         | 231      | 160      | 165      |
| Unit 7           | 4.58        | 39.68         | 224      | 151      | 160      |
| Total            | 19.11       | 182.69        |          |          | 730      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.91        | 41.94         | 168      | 160      | 155      |
| Unit 2           | 0.00        | 9.78          | 0        | 0        | 0        |
| Unit 3           | 3.88        | 43.37         | 180      | 135      | 180      |
| Unit 4           | 4.76        | 53.08         | 203      | 184      | 210      |
| Unit 5           | 0.00        | 64.41         | 0        | 0        | 0        |
| Unit 6           | 9.99        | 104.78        | 480      | 335      | 380      |
| Unit 7           | 8.78        | 57.92         | 413      | 305      | 360      |
| Total            | 31.32       | 375.28        |          |          | 1285     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.08        | 40.46         | 206      | 142      | 150      |
| Unit 4           | 3.71        | 40.40         | 209      | 120      | 150      |
| Total            | 7.78        | 80.86         |          |          | 300      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.96        | 39.82         | 190      | 145      | 155      |
| Unit 2           | 4.00        | 40.05         | 188      | 155      | 155      |
| Unit 3           | 3.97        | 42.30         | 178      | 155      | 155      |
| Unit 4           | 3.87        | 42.65         | 178      | 122      | 155      |
| Unit 5           | 0.38        | 10.79         | 128      | 0        |          |
| Total            | 16.18       | 175.61        |          |          | 620      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.98        | 45.46         | 215      | 190      | 192      |
| Unit 4           | 4.79        | 37.12         | 206      | 183      | 182      |
| Unit 5           | 0.36        | 38.22         | 151      | 0        | 0        |
| Total            | 10.14       | 120.80        |          |          | 374      |
| Uran             |             |               |          |          |          |
| All Units        | 15.36       | 159.50        | 674      | 602      | 630      |
| Total            | 15.36       | 159.50        |          |          | 630      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.54        | 5.59          | 53       | 0        |          |
| Total            | 0.54        | 5.59          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 5.52        | 43.50         | 505      | 35       | 530      |
| Stage 4          | 6.65        | 42.96         | 835      | 0        | 250      |
| Stage 3          | 2.19        | 18.67         | 306      | 0        | 320      |
| Total            | 14.36       | 105.12        |          |          | 1100     |
| Kovna 12&4 Total | 12.16       | 86.45         |          |          | 780      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.45        | 1.19          | 19       | 18       | 18       |
| VTRNA           | 0.00        | 0.39          | 0        | 0        | 0        |
| TILLARI         | 0.28        | 4.59          | 60       | 0        | 60       |
| BHTGR/VEER      | 0.14        | 1.65          | 7        | 5        | 7        |
| BHIRA T.R.      | 0.21        | 2.38          | 80       | 0        | 80       |
| RNGR+BHTSA      | 0.40        | 4.20          | 17       | 16       | 15       |
| BHANDARDRA      | 0.00        | 0.00          | 0        | 0        | 0        |
| ELDARY          | 0.33        | 2.44          | 15       | 7        | 0        |
| SMLHY PTN       | 0.65        | 6.64          | 36       | 24       | 27       |
| GHATGHAR        | 0.22        | 6.81          | 120      | 0        | 0        |
| Total           | 2.69        | 30.30         |          |          | 207      |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.11        | 2.18          |          |          |          |
| Vankuswadi      | 0.33        | 3.50          |          |          |          |
| ATIT            | 0.05        | 0.56          |          |          |          |
| Kale            | 0.11        | 1.19          |          |          |          |
| Satara          | 0.65        | 3.99          |          |          |          |
| Shirala         | 0.14        | 1.29          |          |          |          |
| K Mahankal      | 0.01        | 2.29          |          |          |          |
| Supa            | 0.09        | 0.75          |          |          |          |
| Vita            | 0.37        | 4.84          |          |          |          |
| Dondaicha       | 0.17        | 1.56          |          |          |          |
| Sakri           | 0.03        | 0.49          |          |          |          |
| Nandurbar       | 0.02        | 0.51          |          |          |          |
| Khandke         | 0.16        | 1.76          |          |          |          |
| Khaparale       | 0.02        | 1.35          |          |          |          |
| Total           | 2.24        | 26.26         |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 27.60       | 314.85        | 1217     | 916      | 1100     |
| WARDHA          | 5.76        | 66.66         | 250      | 219      | 245      |
| Other CPPs      | 4.54        | 46.25         |          |          |          |
| Total           | 37.90       | 427.76        |          |          | 1345     |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        |          |
| Trombay 5       | 10.88       | 119.44        | 497      | 296      | 490      |
| Trombay 6       | 8.09        | 75.18         | 500      | 155      | 500      |
| Trombay 7A      | 2.89        | 30.47         | 124      | 116      | 120      |
| Trombay 7B      | 1.60        | 17.07         | 68       | 66       | 60       |
| Trombay 8       | 5.75        | 58.16         | 246      | 228      | 250      |
| TATA Hydro      | 3.74        | 40.81         | 400      | 0        | 447      |
| Total           | 32.95       | 341.12        |          |          | 1867     |
| REL             |             |               |          |          |          |
| 1&2             | 12.58       | 138.37        | 526      | 523      | 500      |
| Total           | 12.58       | 138.37        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 5485     |
| Total           |             |               |          |          | 5485     |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 99.56         | 1091.03        |  |  | 3939         |
|                    | Thml+Gas     | 114.93        | 1250.54        |  |  | 4569         |
|                    | Hydro        | 17.04         | 135.42         |  |  | 1307         |
|                    | <b>Total</b> | <b>131.97</b> | <b>1385.96</b> |  |  | <b>5876</b>  |
| <b>State Total</b> |              | <b>218.19</b> | <b>2325.05</b> |  |  | <b>15073</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/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                  | 4015         | 352          | 660          | 5027          | 56          | 1338         | 5104          | 5657          | -512          | -439                 | 11686                   | 2298                        | 11884                       | 2010                    | 15994                       | 49.62         |
| 2                  | 3928         | 502          | 658          | 5088          | 72          | 1340         | 5034          | 5695          | -439          | -346                 | 11866                   | 2325                        | 12274                       | 1841                    | 16032                       | 49.67         |
| 3                  | 3927         | 488          | 660          | 5075          | 84          | 1380         | 4953          | 5796          | -354          | -298                 | 12060                   | 2126                        | 12570                       | 1725                    | 15911                       | 49.73         |
| 4                  | 3931         | 304          | 664          | 4899          | 107         | 1483         | 4908          | 5785          | -307          | -228                 | 12071                   | 2187                        | 12606                       | 1639                    | 15897                       | 49.76         |
| 5                  | 3902         | 115          | 663          | 4680          | 108         | 1573         | 4888          | 5913          | -286          | -226                 | 12072                   | 2182                        | 12615                       | 1635                    | 15889                       | 49.75         |
| 6                  | 3904         | 1026         | 669          | 5599          | 117         | 1582         | 4888          | 5491          | -286          | -233                 | 12579                   | 2531                        | 13335                       | 1688                    | 16798                       | 49.58         |
| 7                  | 4018         | 990          | 667          | 5675          | 133         | 1593         | 4879          | 4722          | -296          | -240                 | 11903                   | 3962                        | 13430                       | 1774                    | 17639                       | 49.57         |
| 8                  | 4114         | 373          | 674          | 5161          | 116         | 1608         | 4895          | 4461          | -315          | -271                 | 11085                   | 4509                        | 12663                       | 1874                    | 17468                       | 49.71         |
| 9                  | 4174         | 160          | 656          | 4990          | 69          | 1607         | 4940          | 4743          | -367          | -344                 | 11065                   | 4546                        | 12430                       | 2156                    | 17767                       | 49.72         |
| 10                 | 4083         | 826          | 636          | 5545          | 71          | 1599         | 5062          | 5223          | -479          | -427                 | 12011                   | 4571                        | 13626                       | 2525                    | 19107                       | 49.63         |
| 11                 | 3928         | 1314         | 633          | 5875          | 74          | 1590         | 5209          | 5220          | -641          | -533                 | 12226                   | 4570                        | 14038                       | 2757                    | 19553                       | 49.57         |
| 12                 | 4060         | 1504         | 616          | 6180          | 116         | 1587         | 5274          | 5181          | -695          | -521                 | 12543                   | 4562                        | 14301                       | 2799                    | 19904                       | 49.58         |
| 13                 | 4097         | 1525         | 609          | 6231          | 123         | 1592         | 5250          | 5489          | -668          | -573                 | 12862                   | 4705                        | 14761                       | 2790                    | 20357                       | 49.58         |
| 14                 | 4078         | 1531         | 605          | 6214          | 97          | 1635         | 5225          | 5232          | -684          | -561                 | 12617                   | 4509                        | 14423                       | 2722                    | 19848                       | 49.60         |
| 15                 | 4069         | 1578         | 602          | 6249          | 64          | 1619         | 5141          | 5272          | -621          | -519                 | 12685                   | 4086                        | 14268                       | 2771                    | 19542                       | 49.46         |
| 16                 | 4182         | 1572         | 612          | 6366          | 58          | 1623         | 5175          | 5342          | -708          | -577                 | 12812                   | 4167                        | 14514                       | 2766                    | 19745                       | 49.67         |
| 17                 | 4269         | 641          | 614          | 5524          | 60          | 1626         | 5216          | 4938          | -708          | -629                 | 11542                   | 4730                        | 13398                       | 2767                    | 19039                       | 49.54         |
| 18                 | 4397         | 437          | 617          | 5451          | 54          | 1649         | 5196          | 4889          | -654          | -563                 | 11505                   | 4903                        | 12992                       | 2724                    | 19132                       | 49.60         |
| 19                 | 4457         | 457          | 633          | 5547          | 53          | 1647         | 5334          | 5271          | -684          | -558                 | 12013                   | 5482                        | 13301                       | 2782                    | 20277                       | 49.78         |
| 20                 | 4465         | 376          | 633          | 5474          | 85          | 1658         | 5438          | 5362          | -669          | -492                 | 12137                   | 5301                        | 13149                       | 2740                    | 20178                       | 49.70         |
| 21                 | 4511         | 321          | 636          | 5468          | 94          | 1654         | 5261          | 4884          | -619          | -452                 | 11698                   | 5080                        | 12506                       | 2581                    | 19359                       | 49.64         |
| 22                 | 4435         | 243          | 643          | 5321          | 119         | 1631         | 5249          | 5099          | -619          | -411                 | 11809                   | 4858                        | 12413                       | 2420                    | 19087                       | 49.71         |
| 23                 | 4358         | 125          | 650          | 5133          | 166         | 1650         | 5169          | 5068          | -593          | -443                 | 11624                   | 4289                        | 12187                       | 2246                    | 18159                       | 49.75         |
| 24                 | 4262         | 285          | 655          | 5202          | 149         | 1637         | 5091          | 4956          | -593          | -409                 | 11585                   | 3645                        | 11955                       | 2092                    | 17322                       | 49.64         |
| <b>MUs</b>         | <b>99.56</b> | <b>17.04</b> | <b>15.36</b> | <b>131.97</b> | <b>2.24</b> | <b>37.90</b> | <b>122.78</b> | <b>125.69</b> | <b>-12.79</b> | <b>-10.29</b>        | <b>288.06</b>           | <b>96.12</b>                | <b>315.64</b>               | <b>55.82</b>            | <b>440.00</b>               | <b>49.65</b>  |

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 11/Nov/2011**

Position as on 6.30 Hrs of 12/Nov/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                              | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                               |               |
| Koradi Unit 7           | 210      | 08/10/2011   | 23.43        | 11/11/2011 | 06.58      | Annual overhaul.                              |               |
| Koyna ST - IV 4         | 250      | 03/11/2011   | 04.42        |            | Continued. | Attending Oil Leakage through Spherical Valve | 23/11/2011    |
| Chandrapur Unit 2       | 210      | 05/11/2011   | 11.02        |            | Continued. | Boiler Tube Leakage,converted to AOH.         | 30/11/2011    |
| Dabhol 2A               | 230      | 05/11/2011   | 15.48        |            | Continued. | Overhauling work                              | 15/11/2011    |
| Cent_Sect TARAPUR-4     | 540      | 06/11/2011   | 01.00        |            | Continued. | Annual Overhaul                               | 25/12/2011    |
| <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.    | 23/11/2011    |
| Chandrapur Unit 5       | 500      | 08/11/2011   | 06:21        |            | Continued. | Boiler Tube Leakage                           | 11/11/2011    |
| Koyna Unit 1            | 75       | 09/11/2011   | 05.50        |            | Continued. | Turbine Problem.                              | 12/11/2011    |
| CPP WPCL U-2            | 135      | 10/11/2011   | 01.39        |            | Continued. | For Maintenance Work.                         |               |
| Nasik Unit 5            | 210      | 10/11/2011   | 11.50        | 11/11/2011 | 01.30      | Air Heater Problem.                           |               |
| Khaparkheda Unit 5      | 500      | 10/11/2011   | 12.34        |            | Continued. | Drum Level High.                              |               |
| CPP JSW (J) U4          | 300      | 10/11/2011   | 19.07        | 11/11/2011 | 02.04      | Generator Protection.                         |               |
| Nasik Unit 5            | 210      | 11/11/2011   | 01.50        | 11/11/2011 | 06.50      | R F A Bus Tripped.                            |               |
| Nasik Unit 5            | 210      | 11/11/2011   | 10.10        |            | Continued. | PA.Motor problem.                             |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 11/Nov/2011**

Position as on 6.30 Hrs of 12/Nov/2011

| Name of Line                               | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                                                                                      |
|--------------------------------------------|--------------|--------------|-----------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>InterState</b>                          |              |              |                                   |                   |                                                                                                                                       |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                                                       |
| 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) |
| Wardha - Deoli (PGCIL)                     | 11/11/2011   | 06.22        | 11/11/2011                        | 18.22             | Stringing Work of 400KV D/C C'pur-Wardha.                                                                                             |
| Badnera - Deoli (PGCIL)                    | 11/11/2011   | 06.28        | 11/11/2011                        | 18.17             | Stringing work.                                                                                                                       |
| <b>Voltage Level : 132KV</b>               |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                                                                                       |
| Pench - Kanhan                             | 10/11/2011   | 18.54        | 11/11/2011                        | 02.07             | To control Kanhan ICT loading and in view of 132KV Pardi-Ambz & 132Kv Khapri-Besa Ckt.Outage.                                         |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                                                                       |
| Parli-Parli (PGCIL) I                      | 19/10/2011   | 21.40        |                                   | Continued.        | Over Voltage.                                                                                                                         |
| Parly(PG) - Wardha (PG) - I                | 02/11/2011   | 11.33        |                                   | Continued.        | To control Koradi-Bhilai Load                                                                                                         |
| Parli (PG)-Bhadravati I                    | 03/11/2011   | 10.26        |                                   | Continued.        | Over Voltage                                                                                                                          |
| Karad - Solapur (PGCIL)                    | 07/11/2011   | 22:13        | 11/11/2011                        | 11.47             | Over Voltage.                                                                                                                         |
| Dhule-Sar'Sarovar - I                      | 10/11/2011   | 22.41        | 11/11/2011                        | 10.57             | Over Voltage.                                                                                                                         |
| Kolhapur-Mapusa-II                         | 10/11/2011   | 22.41        | 11/11/2011                        | 09.20             | Over Voltage.                                                                                                                         |
| Karad - Solapur (PGCIL)                    | 11/11/2011   | 16.18        |                                   | Continued.        | Over Voltage.                                                                                                                         |
| Kolhapur - Mapusa - I                      | 11/11/2011   | 22.57        |                                   | Continued.        | Over Voltage.                                                                                                                         |
| <b>Voltage Level : 132KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                                                                       |
| Pench - Kanhan                             | 12/11/2011   | 00.01        |                                   | Continued.        | H/T.                                                                                                                                  |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                                                                                       |
| Nasik-Navsari -II                          | 11/11/2011   | 08.50        | 11/11/2011                        | 22.41             | CT replacement.                                                                                                                       |
| Mudshingi-Chikodi                          | 11/11/2011   | 11.40        | 11/11/2011                        | 12.48             | R-Ph,E/F.                                                                                                                             |
| <b>IntraState</b>                          |              |              |                                   |                   |                                                                                                                                       |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                                                       |
| 50MVAR Line Reactor of 400KV Parli-Lnknd-I | 02/11/2011   | 10.52        |                                   | Continued.        | Oil Leakage and Filtration work                                                                                                       |
| 400/132KV 200 MVA ICT-II @ Bhusawal        | 08/11/2011   | 08.38        |                                   | Continued.        | Filtration of Oil upto 13/11/2011                                                                                                     |
| 400/220KV,315MVA ICT-I at Karad            | 09/11/2011   | 10.58        | 11/11/2011                        | 12.20             | Main Bus - I Outage.                                                                                                                  |
| Main Bus - I @ Karad                       | 09/11/2011   | 13.10        | 11/11/2011                        | 17:09             | For Connecting Existing 400KV M.B.-I to Newly Consorveted Bus of 400KV Karad-Jaigad Line.                                             |
| Lonikand-Kalwa                             | 11/11/2011   | 07.45        | 11/11/2011                        | 15.36             | Replacement of flashover insulators.                                                                                                  |
| New Koyna - Karad - I                      | 11/11/2011   | 08.02        | 11/11/2011                        | 15.10             | To attend 29A isolator damaged blades.                                                                                                |
| Akola - Bhusawal                           | 11/11/2011   | 08.48        | 11/11/2011                        | 18.56             | Q.M. Work.                                                                                                                            |
| Bblswr - Padgha - II                       | 11/11/2011   | 09.03        | 11/11/2011                        | 18.58             | Bay maintenance work.                                                                                                                 |
| 400/220 KV 315 MVA ICT-I @ Nagothane       | 11/11/2011   | 09.19        | 12/11/2011                        | 01.11             | SFRA Work.                                                                                                                            |
| Kalwa - Padgha - I                         | 11/11/2011   | 09.58        |                                   | Continued.        | Taken on TBC for Hot Spot.                                                                                                            |
| 400/220KV,500MVA ICT-III At Kalwa.         | 11/11/2011   | 10.27        | 11/11/2011                        | 19.31             | To attend DC fail of relay.                                                                                                           |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 11/Nov/2011**

Position as on 6.30 Hrs of 12/Nov/2011

| Name of Line                            | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                                                                     |
|-----------------------------------------|--------------|--------------|-----------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                                                                      |
| Babaleshwar - Chalisgaon                | 15/12/2010   | 13.42        |                                   | Continued.         | Conversion of S/C to D/C                                                                                                             |
| 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 |
| Wadkhal-NDIL-3                          | 08/11/2011   | 09.55        | 12/11/2011                        | 00.45              | CT & PT Replaced at NDIL end.                                                                                                        |
| Wadkhal - Ndil - 2                      | 08/11/2011   | 12.40        | 12/11/2011                        | 00.40              | CT & PT Replaced at NDIL end.                                                                                                        |
| 220/100KV,125 MVA T/F-II at Jambhul     | 08/11/2011   | 13.50        |                                   | Continued.         | Inspection and Rectification of Gasformation upto 29/11/2011                                                                         |
| 220 KV TBC @ Koradi                     | 10/11/2011   | 09.30        |                                   | Continued.         | Breaker O/H Work.                                                                                                                    |
| Pedambe - Mahad                         | 11/11/2011   | 06.50        | 11/11/2011                        | 17.11              | Bus section outage.                                                                                                                  |
| Pedambe-Newkoyna                        | 11/11/2011   | 07.11        | 11/11/2011                        | 17.28              | Bus section outage.                                                                                                                  |
| Bus Section - I @ Pedambe               | 11/11/2011   | 07.22        | 11/11/2011                        | 17.00              | Replacement of damaged wave trap work.                                                                                               |
| Padgha-Wada                             | 11/11/2011   | 08.28        | 11/11/2011                        | 18.21              | Insulator replacement work.                                                                                                          |
| Jambul - Pal                            | 11/11/2011   | 09.15        | 11/11/2011                        | 18.20              | R.M.Work                                                                                                                             |
| Versova - Goregaon                      | 11/11/2011   | 10.24        | 11/11/2011                        | 18.56              | Civil work of GIS Building.                                                                                                          |
| Wadkhal - Ndil - I                      | 12/11/2011   | 02.12        |                                   | Continued.         | Maintenance work.                                                                                                                    |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                                                                                                      |
| Hinganghat - Rly TSS - I                | 11/11/2011   | 16.27        | 11/11/2011                        | 18.24              | Main Bkr Problem(Ckt.is on TBC).                                                                                                     |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                                                                                                      |
| Butibori MIDC - Khapri - II             | 11/11/2011   | 11.21        | 11/11/2011                        | 13.27              | To attend Hot Glow at Loc.no 2.                                                                                                      |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                                                                      |
| 400/220KV,100 MVA Spare Unit at Korady  | 31/10/2011   | 02.36        |                                   | Continued.         | Buchholz Alarm received                                                                                                              |
| Karad - Kolhapur - I                    | 06/11/2011   | 16.22        |                                   | Continued.         | Over Voltage.                                                                                                                        |
| Bhusawal- Aurangabad                    | 10/11/2011   | 21.43        | 11/11/2011                        | 04.59              | Over Voltage.                                                                                                                        |
| Bhusawal- Aurangabad                    | 11/11/2011   | 21.32        | 12/11/2011                        | 04.28              | Over Voltage.                                                                                                                        |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                                                                      |
| Chandrapur - Warora                     | 12/10/2011   | 19.56        |                                   | Continued.         | For System Stability.                                                                                                                |
| Murud-Bale                              | 08/11/2011   | 07.35        |                                   | Continued.         | Loading Problem                                                                                                                      |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                                                                      |
| 400/220KV 105 MVA Spare ICT at Parly II | 22/08/2011   | 13.50        |                                   | Continued.         | To Remove Trip Coil Assembly for Bus Coupler.                                                                                        |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                                                                      |
| Pedambe-Pophali I                       | 10/11/2011   | 16.25        | 11/11/2011                        | 17.03              | B Ph. L A Burst @ Pedambe.                                                                                                           |
| Pedambe - Oni                           | 11/11/2011   | 08.10        | 11/11/2011                        | 08.50              | Without indication.                                                                                                                  |
| Kharepatan-Pawas                        | 11/11/2011   | 08.10        | 11/11/2011                        | 08.50              | Without indication.                                                                                                                  |
| Oni - Kharepatan                        | 11/11/2011   | 08.10        | 11/11/2011                        | 08.50              | Without indication.                                                                                                                  |
| Pophali-New Koyna                       | 11/11/2011   | 08.16        | 11/11/2011                        | 17.56              | Conductor snapped at Pophali                                                                                                         |
| Pedambe - Mahad                         | 11/11/2011   | 18.02        | 11/11/2011                        | 22.15              | Distance Protection.                                                                                                                 |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 12/Nov/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 140         |
| Unit 6             | 210                   | 160         |
| Unit 7             | 210                   | 100         |
|                    | <b>620</b>            | <b>400</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 165         |
| Unit 4             | 500                   |             |
|                    | <b>920</b>            | <b>325</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 132         |
| Unit 4             | 210                   | 120         |
| Unit 5             | 210                   | 110         |
| Unit 6             | 250                   | 155         |
| Unit 7             | 250                   | 175         |
|                    | <b>1130</b>           | <b>692</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 205         |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1395</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 150         |
| Unit 4             | 250                   | 150         |
|                    | <b>500</b>            | <b>300</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 160         |
| Unit 5             | 500                   |             |
|                    | <b>1340</b>           | <b>640</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 0           |
|                    | <b>630</b>            | <b>410</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 640         |
|                    | <b>852</b>            | <b>640</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 530         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1100</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 19          |
| VTRNA              | 60                    | 0           |
| TILLARI            | 60                    | 60          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| BHTGR/VEER       | 21                    | 7           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 16          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 27          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>209</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                   | 245         |
| Other CPPs       | 0                     |             |
|                  | <b>1005</b>           | <b>1345</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                  | 5370        |
|                  | <b>3455</b>           | <b>5370</b> |

|  |              |                     |
|--|--------------|---------------------|
|  | <b>17900</b> | 7 of 7 <b>15193</b> |
|--|--------------|---------------------|