

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.**

Maharashtra State Load Despatch Centre, Kalwa

To,  
Hon. Energy Minister/ Chief Secretary/ Energy Secretary.  
Maharashtra State, Mumbai.

**Sub: Report of the Power System position for the period      19-Nov-12      To      25-Nov-12**

| Date                            | Monday<br>19-Nov-12 | Tuesday<br>20-Nov-12 | Wednesday<br>21-Nov-12 | Thursday<br>22-Nov-12 | Friday<br>23-Nov-12 | Saturday<br>24-Nov-12 | Sunday<br>25-Nov-12 |
|---------------------------------|---------------------|----------------------|------------------------|-----------------------|---------------------|-----------------------|---------------------|
| <b>On Line Capacity (MW)</b>    |                     |                      |                        |                       |                     |                       |                     |
| MSPGCL THM                      | 3935                | 4263                 | 4020                   | 4593                  | 4836                | 5010                  | 4806                |
| MSPGCL HY                       | 1317                | 1316                 | 1316                   | 1201                  | 1218                | 1259                  | 1258                |
| MSPGCL GAS                      | 345                 | 240                  | 300                    | 300                   | 405                 | 440                   | 300                 |
| <b>MSPGCL TOTAL</b>             | <b>5597</b>         | <b>5819</b>          | <b>5636</b>            | <b>6094</b>           | <b>6459</b>         | <b>6709</b>           | <b>6364</b>         |
| Cent. Sect.(incl. RGPPL)        | 5549                | 5436                 | 5189                   | 5087                  | 5055                | 4431                  | 4953                |
| <b>MSPGCL + CS</b>              | <b>11146</b>        | <b>11255</b>         | <b>10825</b>           | <b>11181</b>          | <b>11514</b>        | <b>11140</b>          | <b>11317</b>        |
| TPCL                            | 1747                | 1747                 | 1736                   | 1736                  | 1745                | 1248                  | 1236                |
| REL                             | 500                 | 500                  | 500                    | 500                   | 500                 | 500                   | 500                 |
| TPCL + REL                      | <b>2247</b>         | <b>2247</b>          | <b>2236</b>            | <b>2236</b>           | <b>2245</b>         | <b>1748</b>           | <b>1736</b>         |
| CPP                             | 1463                | 1465                 | 1466                   | 1467                  | 1477                | 1467                  | 1467                |
| STATE OLC                       | <b>14856</b>        | <b>14967</b>         | <b>14527</b>           | <b>14884</b>          | <b>15236</b>        | <b>14355</b>          | <b>14520</b>        |
| <b>Morning Peak Demand (MW)</b> | <b>12 Hrs</b>       | <b>12 Hrs</b>        | <b>12 Hrs</b>          | <b>12 Hrs</b>         | <b>12 Hrs</b>       | <b>12 Hrs</b>         | <b>12 Hrs</b>       |
| MSPGCL THM                      | 4284                | 4696                 | 4692                   | 5091                  | 5221                | 5055                  | 4866                |
| MSPGCL HY                       | 299                 | 360                  | 1208                   | 1292                  | 910                 | 1402                  | 497                 |
| MSPGCL GAS                      | 351                 | 245                  | 237                    | 246                   | 412                 | 310                   | 302                 |
| <b>MSPGCL TOTAL</b>             | <b>4934</b>         | <b>5301</b>          | <b>6137</b>            | <b>6629</b>           | <b>6543</b>         | <b>6767</b>           | <b>5665</b>         |
| Cent. Sect.(incl. RGPPL)        | 6243                | 6107                 | 5757                   | 5431                  | 5402                | 5488                  | 5726                |
| Wind                            | 233                 | 377                  | 88                     | 50                    | 19                  | 97                    | 38                  |
| CPP                             | 1978                | 1984                 | 2040                   | 2036                  | 2030                | 2029                  | 1998                |
| TPCL Asst                       | -336                | -473                 | -538                   | -599                  | -426                | -640                  | -302                |
| MSEDCL Catered                  | 13078               | 13319                | 13509                  | 13573                 | 13568               | 13754                 | 13151               |
| Load Shedding (LS)              | 661                 | 685                  | 769                    | 788                   | 812                 | 783                   | 793                 |
| MSEDCL Demand( Incl LS)         | <b>13739</b>        | <b>14004</b>         | <b>14278</b>           | <b>14361</b>          | <b>14380</b>        | <b>14537</b>          | <b>13944</b>        |
| TPCL + REL Dem.                 | 2421                | 2489                 | 2565                   | 2603                  | 2648                | 2415                  | 1910                |
| State Demand ( Incl LS)         | <b>16160</b>        | <b>16493</b>         | <b>16843</b>           | <b>16964</b>          | <b>17028</b>        | <b>16952</b>          | <b>15854</b>        |
| Sys. Freq. (Hz)                 | 50.09               | 50                   | 49.91                  | 50.01                 | 49.99               | 49.92                 | 49.83               |
| <b>Evening Peak Demand (MW)</b> | <b>17 Hrs</b>       | <b>17 Hrs</b>        | <b>17 Hrs</b>          | <b>17 Hrs</b>         | <b>17 Hrs</b>       | <b>17 Hrs</b>         | <b>17 Hrs</b>       |
| MSPGCL THM                      | 4303                | 5024                 | 4969                   | 5214                  | 5115                | 5052                  | 4924                |
| MSPGCL HY                       | 271                 | 375                  | 346                    | 496                   | 580                 | 376                   | 204                 |
| MSPGCL GAS                      | 351                 | 234                  | 202                    | 262                   | 424                 | 328                   | 277                 |
| <b>MSPGCL TOTAL</b>             | <b>4925</b>         | <b>5633</b>          | <b>5517</b>            | <b>5972</b>           | <b>6119</b>         | <b>5756</b>           | <b>5405</b>         |
| Cent. Sect.(incl. RGPPL)        | 5634                | 5636                 | 5925                   | 4921                  | 4952                | 5540                  | 5546                |
| Wind                            | 246                 | 47                   | 51                     | 23                    | 205                 | 23                    | 22                  |
| CPP                             | 1953                | 1814                 | 2000                   | 1961                  | 1729                | 2020                  | 2026                |
| TPCL Asst                       | -389                | -487                 | -507                   | -394                  | -373                | -463                  | -315                |
| MSEDCL Catered                  | 12382               | 12643                | 12986                  | 12483                 | 12632               | 12876                 | 12710               |
| Load Shedding (LS)              | 390                 | 243                  | 466                    | 490                   | 494                 | 460                   | 225                 |
| MSEDCL Demand( Incl LS)         | <b>12772</b>        | <b>12886</b>         | <b>13452</b>           | <b>12973</b>          | <b>13126</b>        | <b>13336</b>          | <b>12935</b>        |
| TPCL + REL Dem.                 | 2403                | 2498                 | 2521                   | 2558                  | 2559                | 2242                  | 1778                |
| State Demand ( Incl LS)         | <b>15175</b>        | <b>15384</b>         | <b>15973</b>           | <b>15531</b>          | <b>15685</b>        | <b>15578</b>          | <b>14713</b>        |
| Sys. Freq. (Hz)                 | 50.04               | 49.93                | 49.95                  | 49.84                 | 50.08               | 49.88                 | 50.12               |

Copy s.w.rs to : M.D. (MSETCL) / Director (OP), MSETCL, Mumbai.

Copy to : S.E. (LM), MSEDCL, Mumbai.

Chief Engineer  
MSLDC, Kalwa

SLDC,KALWA

MSPGCL WEEKLY FORCED & PLANNED UNIT OUTAGES

| WEEK | 19-Nov-12 | TO | 25-Nov-12 |
|------|-----------|----|-----------|
|------|-----------|----|-----------|

A) (UNITWISE PLANNED/FORCED OUTAGE POSITION @ 05:30 HRS. OF THE DAY OF (MSPGCL THERMAL UNITS ONLY)

| Sr.No | Date        | 19-Nov-2012 |        | 20-Nov-2012 |        | 21-Nov-2012 |         | 22-Nov-2012 |        | 23-Nov-2012 |        | 24-Nov-2012 |        | 25-Nov-2012 |        |
|-------|-------------|-------------|--------|-------------|--------|-------------|---------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|
|       | Day         | MONDAY      |        | TUESDAY     |        | WEDNESDAY   |         | THURSDAY    |        | FRIDAY      |        | SATURDAY    |        | SUNDAY      |        |
|       | Outage Type | PLANNED     | FORCED | PLANNED     | FORCED | PLANNED     | FORCED  | PLANNED     | FORCED | PLANNED     | FORCED | PLANNED     | FORCED | PLANNED     | FORCED |
| 1     | NASIK       | *           | *      | *           | *      | *           | 3       | *           | *      | *           | *      | *           | *      | *           | *      |
| 2     | KORADI      | 5           | *      | 5           | *      | 5           | 7       | 5           | *      | 5           | *      | 5           | *      | 5           | *      |
| 3     | KHAPERKHEDA | *           | 1      | *           | 1      | *           | 1       | *           | 1      | *           | *      | *           | *      | *           | *      |
| 4     | PARALI      | *           | 3,4,6  | *           | 4,6    | *           | 4,5,6,7 | *           | 5,6    | *           | 5,6    | *           | 5,6    | *           | 5,6    |
| 5     | CHANDRAPUR  | *           | 6      | *           | 6      | *           | *       | *           | *      | *           | *      | *           | *      | *           | *      |
| 6     | BHUSAVAL    | *           | 2      | *           | 2      | *           | 2       | *           | 2      | *           | 2      | *           | 2      | *           | 2      |
| 7     | PARAS       | *           | *      | *           | *      | *           | *       | *           | *      | *           | *      | *           | *      | *           | *      |

REMARKS:- 1)THIS INFORMATION TO BE VERIFIED FROM CGM.(GEN.WORKS) MSPGCL,H.O. MUMBAI REPORT BEFORE SUBMITTING TO THE CABINET COMMITTEE

2) URAN GTPS UNITS ARE KEPT SHUT OR ON STAND BY MODE DUE TO GAS SHORTAGE.

3) Koradi U-1 to 4, Paras U-2, Parli U-1,2, Bhusawal U-1 and Nasik 1,2 are withdrawn being a vintage units.

B) WEEKLY CENTRAL SECTOR SHARE/DRAWL(IN MU<sub>s</sub>)

| DATE        | DAY       | CENT.SECT.<br>SHARE(INCL.TPCL) |         | TOTAL BILATERAL<br>PURCHASE(MSEDCL) |         | TOTAL SHARE |         | TOTAL DRAWL |         | OVERDRAWL(+)<br>UNDREDAWL(-) |         |
|-------------|-----------|--------------------------------|---------|-------------------------------------|---------|-------------|---------|-------------|---------|------------------------------|---------|
|             |           | MUs                            | AVG. MW | MUs                                 | AVG. MW | MUs         | AVG. MW | MUs         | AVG. MW | MUs                          | AVG. MW |
|             |           | 1                              |         | 2                                   |         | 1+2=3       |         | 4           |         | 3-4=5                        |         |
| 19-Nov-2012 | MONDAY    | 79.212                         | 3301    | 40.945                              | 1706    | 120.157     | 5007    | 119.789     | 4991    | -0.368                       | -15     |
| 20-Nov-2012 | TUESDAY   | 79.444                         | 3310    | 41.786                              | 1741    | 121.230     | 5051    | 121.230     | 5051    | 0.000                        | 0       |
| 21-Nov-2012 | WEDNESDAY | 80.770                         | 3365    | 36.872                              | 1536    | 117.642     | 4902    | 122.210     | 5092    | 4.568                        | 190     |
| 22-Nov-2012 | THURSDAY  | 74.329                         | 3097    | 36.552                              | 1523    | 110.881     | 4620    | 115.323     | 4805    | 4.442                        | 185     |
| 23-Nov-2012 | FRIDAY    | 69.915                         | 2913    | 37.508                              | 1563    | 107.423     | 4476    | 112.361     | 4682    | 4.938                        | 206     |
| 24-Nov-2012 | SATURDAY  | 71.401                         | 2975    | 38.746                              | 1614    | 110.147     | 4589    | 118.869     | 4953    | 8.722                        | 363     |
| 25-Nov-2012 | SUNDAY    | 74.689                         | 3112    | 41.499                              | 1729    | 116.188     | 4841    | 119.464     | 4978    | 3.276                        | 137     |
|             | TOTAL     | 529.760                        |         | 273.908                             |         | 803.668     |         | 829.246     |         | 25.578                       |         |

**Details of Koyna Water Consumption (In TMC)**

| <b>DATE</b>      | <b>For the Day</b> | <b>For the Month</b> | <b>Balance</b> |
|------------------|--------------------|----------------------|----------------|
| <b>19-Nov-12</b> | 0.056              | 2.775                | 35.546         |
| <b>20-Nov-12</b> | 0.056              | 2.831                | 35.490         |
| <b>21-Nov-12</b> | 0.170              | 3.001                | 35.320         |
| <b>22-Nov-12</b> | 0.157              | 3.158                | 35.163         |
| <b>23-Nov-12</b> | 0.076              | 3.234                | 35.087         |
| <b>24-Nov-12</b> | 0.134              | 3.368                | 34.953         |
| <b>25-Nov-12</b> | 0.043              | 3.411                | 34.910         |

### Supply Position During Evening Peak (MW)

| Date      | Time | MSEDCL Generation |       |     |       | Central Sector Receipt | WIND | CPP  | TPCL Exch | MSEDCL Catered Demand | Load Shedding (LS). | MSEDCL Demand (Incl LS) | TPCL Gen. | REL Gen. | State demand met | State Demand (Incl LS) | Freq. |
|-----------|------|-------------------|-------|-----|-------|------------------------|------|------|-----------|-----------------------|---------------------|-------------------------|-----------|----------|------------------|------------------------|-------|
|           |      | Thermal           | Hydro | Gas | Total |                        |      |      |           |                       |                     |                         |           |          |                  |                        |       |
|           |      | MW                | MW    | MW  | MW    | MW                     | MW   | MW   | MW        | MW                    | MW                  | MW                      | MW        | MW       | MW               | MW                     | Hzs   |
| 19-Nov-12 | 17   | 4303              | 271   | 351 | 4925  | 5634                   | 246  | 1953 | -389      | 12382                 | 390                 | 12772                   | 1487      | 527      | 14785            | 15175                  | 50.04 |
| 20-Nov-12 | 17   | 5024              | 375   | 234 | 5633  | 5636                   | 47   | 1814 | -487      | 12643                 | 243                 | 12886                   | 1484      | 527      | 15141            | 15384                  | 49.93 |
| 21-Nov-12 | 17   | 4969              | 346   | 202 | 5517  | 5925                   | 51   | 2000 | -507      | 12986                 | 466                 | 13452                   | 1487      | 527      | 15507            | 15973                  | 49.95 |
| 22-Nov-12 | 17   | 5214              | 496   | 262 | 5972  | 4921                   | 23   | 1961 | -394      | 12483                 | 490                 | 12973                   | 1637      | 527      | 15041            | 15531                  | 49.84 |
| 23-Nov-12 | 17   | 5115              | 580   | 424 | 6119  | 4952                   | 205  | 1729 | -373      | 12632                 | 494                 | 13126                   | 1658      | 528      | 15191            | 15685                  | 50.08 |
| 24-Nov-12 | 17   | 5052              | 376   | 328 | 5756  | 5540                   | 23   | 2020 | -463      | 12876                 | 460                 | 13336                   | 1251      | 528      | 15118            | 15578                  | 49.88 |
| 25-Nov-12 | 17   | 4924              | 204   | 277 | 5405  | 5546                   | 22   | 2026 | -315      | 12710                 | 225                 | 12935                   | 935       | 528      | 14488            | 14713                  | 50.12 |
| Maximum   |      | 5214              | 580   | 424 | 6119  | 5925                   | 246  | 2026 | -315      | 12986                 | 494                 | 13452                   | 1658      | 528      | 15507            | 15973                  | 50.12 |
| Minimum   |      | 4303              | 204   | 202 | 4925  | 4921                   | 22   | 1729 | -507      | 12382                 | 225                 | 12772                   | 935       | 527      | 14488            | 14713                  | 49.84 |
| Average   |      | 4943              | 378   | 297 | 5618  | 5451                   | 88   | 1929 | -418      | 12673                 | 395                 | 13069                   | 1420      | 527      | 15039            | 15434                  | 49.98 |

### Supply Position During Morning Peak (MW)

| Date      | Time | MSEDCL Generation |       |     |       | Central Sector Receipt | WIND | CPP  | TPCL Exch | MSEDCL Catered Demand | Load Shedding (LS). | MSEDCL Demand (Incl LS) | TPCL Gen. | REL Gen. | State demand met | State Demand (Incl LS) | Freq. |
|-----------|------|-------------------|-------|-----|-------|------------------------|------|------|-----------|-----------------------|---------------------|-------------------------|-----------|----------|------------------|------------------------|-------|
|           |      | Thermal           | Hydro | Gas | Total |                        |      |      |           |                       |                     |                         |           |          |                  |                        |       |
|           |      | MW                | MW    | MW  | MW    | MW                     | MW   | MW   | MW        | MW                    | MW                  | MW                      | MW        | MW       | MW               | MW                     | Hzs   |
| 19-Nov-12 | 12   | 4284              | 299   | 351 | 4934  | 6243                   | 233  | 1978 | -336      | 13078                 | 661                 | 13739                   | 1556      | 529      | 15499            | 16160                  | 50.09 |
| 20-Nov-12 | 12   | 4696              | 360   | 245 | 5301  | 6107                   | 377  | 1984 | -473      | 13319                 | 685                 | 14004                   | 1488      | 528      | 15808            | 16493                  | 50.00 |
| 21-Nov-12 | 12   | 4692              | 1208  | 237 | 6137  | 5757                   | 88   | 2040 | -538      | 13509                 | 769                 | 14278                   | 1499      | 528      | 16074            | 16843                  | 49.91 |
| 22-Nov-12 | 12   | 5091              | 1292  | 246 | 6629  | 5431                   | 50   | 2036 | -599      | 13573                 | 788                 | 14361                   | 1476      | 528      | 16176            | 16964                  | 50.01 |
| 23-Nov-12 | 12   | 5221              | 910   | 412 | 6543  | 5402                   | 19   | 2030 | -426      | 13568                 | 812                 | 14380                   | 1693      | 529      | 16216            | 17028                  | 49.99 |
| 24-Nov-12 | 12   | 5055              | 1402  | 310 | 6767  | 5488                   | 97   | 2029 | -640      | 13754                 | 783                 | 14537                   | 1247      | 528      | 16169            | 16952                  | 49.92 |
| 25-Nov-12 | 12   | 4866              | 497   | 302 | 5665  | 5726                   | 38   | 1998 | -302      | 13151                 | 793                 | 13944                   | 1080      | 528      | 15061            | 15854                  | 49.83 |
| Maximum   |      | 5221              | 1402  | 412 | 6767  | 6243                   | 377  | 2040 | -302      | 13754                 | 812                 | 14537                   | 1693      | 529      | 16216            | 17028                  | 50.09 |
| Minimum   |      | 4284              | 299   | 237 | 4934  | 5402                   | 19   | 1978 | -640      | 13078                 | 661                 | 13739                   | 1080      | 528      | 15061            | 15854                  | 49.83 |
| Average   |      | 4844              | 853   | 300 | 5997  | 5736                   | 129  | 2014 | -473      | 13422                 | 756                 | 14178                   | 1434      | 528      | 15858            | 16613                  | 49.96 |

### Details of Supply Position (MUs)

| Date      | MSEDCL Generation |        |        |           |         | Central Sector Receipt | Central Sector Share | WIND  | CPP    | TPCL Gen | R-Infra Gen | TPCL Exch | Energy Requirement |        |        |         |
|-----------|-------------------|--------|--------|-----------|---------|------------------------|----------------------|-------|--------|----------|-------------|-----------|--------------------|--------|--------|---------|
|           | Thermal           | Hydro  | Gas    | Pench(MS) | Total   |                        |                      |       |        |          |             |           | MSEB               | TPCL   | REL    | State   |
|           |                   |        |        |           |         |                        |                      |       |        |          |             |           |                    |        |        |         |
| 19-Nov-12 | 99.916            | 4.911  | 8.234  | 0.431     | 113.492 | 119.789                | 120.157              | 7.973 | 43.840 | 29.103   | 11.768      | -6.649    | 278.445            | 32.513 | 15.009 | 325.967 |
| 20-Nov-12 | 110.196           | 5.650  | 5.763  | 0.463     | 122.072 | 121.230                | 121.230              | 6.601 | 42.939 | 28.028   | 11.628      | -9.543    | 283.303            | 33.577 | 15.620 | 332.500 |
| 21-Nov-12 | 113.381           | 11.398 | 5.461  | 0.491     | 130.731 | 122.210                | 117.642              | 2.505 | 45.447 | 27.972   | 11.651      | -10.511   | 290.384            | 34.087 | 16.048 | 340.519 |
| 22-Nov-12 | 121.686           | 11.489 | 6.858  | 0.461     | 140.494 | 115.323                | 110.881              | 1.630 | 45.664 | 29.953   | 11.908      | -8.931    | 294.180            | 34.673 | 16.117 | 344.970 |
| 23-Nov-12 | 125.804           | 7.195  | 10.125 | 0.336     | 143.460 | 112.361                | 107.423              | 2.268 | 43.197 | 30.893   | 11.819      | -8.248    | 293.039            | 34.616 | 16.343 | 343.998 |
| 24-Nov-12 | 123.125           | 10.247 | 9.083  | 0.372     | 142.827 | 118.869                | 110.147              | 1.476 | 45.299 | 24.445   | 12.659      | -10.773   | 297.698            | 32.151 | 15.726 | 345.575 |
| 25-Nov-12 | 118.490           | 4.986  | 7.233  | 0.513     | 131.222 | 119.464                | 116.188              | 1.361 | 45.651 | 19.417   | 12.145      | -10.522   | 287.176            | 27.901 | 14.183 | 329.260 |
| Maximum   | 125.804           | 11.489 | 10.125 | 0.513     | 143.460 | 122.210                | 121.230              | 7.973 | 45.664 | 30.893   | 12.659      | -6.649    | 297.698            | 34.673 | 16.343 | 345.575 |
| Minimum   | 99.916            | 4.911  | 5.461  | 0.336     | 113.492 | 112.361                | 107.423              | 1.361 | 42.939 | 19.417   | 11.628      | -10.773   | 278.445            | 27.901 | 14.183 | 325.967 |
| Average   | 116.085           | 7.982  | 7.537  | 0.438     | 132.043 | 118.464                | 114.810              | 3.402 | 44.577 | 27.116   | 11.940      | -9.311    | 289.175            | 32.788 | 15.578 | 337.541 |

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.**

Maharashtra State Load Despatch Centre, Kalwa

**Information for Weekly Cabinet Meeting**

For the Week

19-Nov-12

to

25-Nov-12

**Demand Supply Summary**

|                          | Morning Peak<br>(MW) | Evening Peak<br>(MW) |
|--------------------------|----------------------|----------------------|
| Average Peak Demand      | 14178                | 13069                |
| Average Peak Supply      | 13422                | 12673                |
| Average Load Relief (LS) | 756                  | 395                  |

**Average Supply Summary**

|                   | Morning Peak<br>(MW) | Evening Peak<br>(MW) | Mus    |
|-------------------|----------------------|----------------------|--------|
| Thermal           | 4844                 | 4943                 | 116.09 |
| Gas               | 300                  | 297                  | 7.54   |
| Hydro             | 853                  | 378                  | 7.98   |
| CS Drawal (Total) | 5736                 | 5451                 | 118.46 |
| TPCL              | -473                 | -418                 | -9.31  |

**Koyna Water position**

|                                  | Water in TMC<br>Feet |
|----------------------------------|----------------------|
| Average Water Used Per Day       | 0.099                |
| Balance Left                     | 34.91                |
| Balance Left Last Year Same Week | 26.287               |

**MSPGCL Unit Outage Position**

| Date      | MSPGCL (in MW) |        |       |
|-----------|----------------|--------|-------|
|           | Planned        | Forced | Total |
| 19-Nov-12 | 200            | 1590   | 1790  |
| 20-Nov-12 | 200            | 1380   | 1580  |
| 21-Nov-12 | 200            | 1760   | 1960  |
| 22-Nov-12 | 200            | 880    | 1080  |
| 23-Nov-12 | 200            | 670    | 870   |
| 24-Nov-12 | 200            | 670    | 870   |
| 25-Nov-12 | 200            | 670    | 870   |

**Distressed Load Shedding**

|                             |   |
|-----------------------------|---|
| Maxm. No. of Hours in a day | 0 |
| Number of Days              | 0 |

# GENERATING UNIT OUTAGES FOR THE WEEK

FROM 19-Nov-12 TO 25-Nov-12

## UNIT UNDER PLANNED OUTAGE

| name      | unit_no   | derat_cap | date_trip | time_trip | date_sync | time_sync  | reasondes                                                                    |
|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------------------------------------------------------------------|
| Cent Sect | Tarapur 1 | 80        | 16-Jul-12 | 22.15     |           | Continued. | Refueling work.                                                              |
| Koradi    | Unit 5    | 200       | 16-Sep-12 | 04.23     |           | Continued. | Low Bunkering, Converted to C O H from 20/09/2012.                           |
| Uran      | Unit A0   | 120       | 15-Nov-12 | 23.56     |           | Continued. | A/OH.                                                                        |
| Koyna     | Unit 5    | 80        | 20-Nov-12 | 23.45     |           | Continued. | To attend water leakage on servomotor, Outage on pressure shaft no.3 of unit |
| Koyna     | Unit 6    | 75        | 21-Nov-12 | 07.55     |           | Continued. | Overhauling work of Spherical Valve.                                         |

## UNIT UNDER FORCED OUTAGE

| name        | unit_no    | derat_cap | date_trip | time_trip | date_sync | time_sync  | reason                                                     |
|-------------|------------|-----------|-----------|-----------|-----------|------------|------------------------------------------------------------|
| Tata        | TATA Hydro | 444       | 5-Sep-12  | 03:30     |           | Continued. | BHIRA (BPSU-150MW)Unit tripped due to stator winding fault |
| Dabhol      | 2B         | 230       | 18-Sep-12 | 18.42     |           | Continued. | Gas shortage.                                              |
| Dabhol      | 1B         | 230       | 9-Oct-12  | 13.56     |           | Continued. | Gas Shortage.                                              |
| Bhusawal    | Unit 2     | 210       | 19-Oct-12 | 22.22     |           | Continued. | ID Fan Problem                                             |
| Uran        | Unit 7     | 108       | 26-Oct-12 | 13.26     | 21-Nov-12 | 09.10      | Gas Shortage                                               |
| Dabhol      | 1A         | 230       | 2-Nov-12  | 16.27     |           | Continued. | Gas shortage.                                              |
| Dabhol      | 1X         | 290       | 2-Nov-12  | 16.26     |           | Continued. | Gas shortage.                                              |
| CPP         | WPCL U-4   | 135       | 5-Nov-12  | 21.30     | 26-Nov-12 | 02.18      | Maintenance Work.                                          |
| Parli       | Unit 6     | 250       | 7-Nov-12  | 09.57     |           | Continued. | Flame Failure.                                             |
| CPP         | Adani      | 660       | 9-Nov-12  | 19.16     |           | Continued. | Tripped due to Tripping of 400KV Wardha-Warora-I.          |
| Parli       | Unit 3     | 210       | 11-Nov-12 | 22.25     | 20-Nov-12 | 01.24      | Water Shortage                                             |
| Dabhol      | 2A         | 230       | 12-Nov-12 | 10.00     |           | Continued. | Generator Protection.                                      |
| Dabhol      | 2X         | 290       | 12-Nov-12 | 10.00     |           | Continued. | Generator Protection.                                      |
| Bhusawal    | Unit 5     | 500       | 12-Nov-12 | 20.08     | 22-Nov-12 | 20.21      | Vibration Problem.                                         |
| Khaparkheda | Unit 1     | 210       | 16-Nov-12 | 19.52     | 22-Nov-12 | 13.16      | BLR T/L.                                                   |
| Chandrapur  | Unit 6     | 500       | 16-Nov-12 | 22.11     | 20-Nov-12 | 12.35      | BLR T/L.                                                   |
| Cent Sect   | NTPC(K-7)  | 500       | 17-Nov-12 | 22.42     | 19-Nov-12 | 02.52      | Flame Failure                                              |
| Bhusawal    | Unit 4     | 500       | 18-Nov-12 | 06.24     | 19-Nov-12 | 15.54      | No Coal                                                    |
| Parli       | Unit 4     | 210       | 19-Nov-12 | 03.05     | 22-Nov-12 | 03.34      | Boiler Tube Leakage                                        |
| Uran        | Unit 5     | 108       | 19-Nov-12 | 23.55     |           | Continued. | Gas Shortage                                               |
| Parli       | Unit 5     | 210       | 20-Nov-12 | 15.50     |           | Continued. | Flame Failure.                                             |
| Nasik       | Unit 3     | 210       | 20-Nov-12 | 21.55     | 21-Nov-12 | 05.00      | UAT Work.                                                  |
| Koradi      | Unit 7     | 210       | 20-Nov-12 | 22.33     | 21-Nov-12 | 02.08      | IP Turbine Problem.                                        |
| Koyna       | Unit 10    | 80        | 20-Nov-12 | 08.00     | 20-Nov-12 | 17.30      | R. M. Work.                                                |
| Parli       | Unit 7     | 250       | 21-Nov-12 | 04.05     | 21-Nov-12 | 07.05      | Furnace Pressure High.                                     |
| Koradi      | Unit 7     | 210       | 21-Nov-12 | 04.52     | 21-Nov-12 | 06.38      | Drum Level Low.                                            |
| Nasik       | Unit 3     | 210       | 21-Nov-12 | 06.07     | 21-Nov-12 | 11.35      | G.T.Breaker B Ph. Coal Burst.                              |
| Khaparkheda | Unit 2     | 210       | 21-Nov-12 | 10.37     | 21-Nov-12 | 13.49      | Flame Failure.                                             |
| Uran        | Unit 7     | 108       | 21-Nov-12 | 11.32     | 22-Nov-12 | 16.37      | Gas Shortage.                                              |
| Dabhol      | 3B         | 230       | 21-Nov-12 | 11.41     | 24-Nov-12 | 11.36      | Gas Shortage.                                              |
| Koradi      | Unit 6     | 210       | 22-Nov-12 | 15.25     | 22-Nov-12 | 20.38      | Tripped.All 3-Ph current high all monitor fails.           |
| Khaparkheda | Unit 2     | 210       | 22-Nov-12 | 06.54     | 22-Nov-12 | 13.11      | Flame Failure.                                             |
| Koyna       | Unit 4     | 75        | 23-Nov-12 | 06.50     | 23-Nov-12 | 23.10      | Maintenance work                                           |
| CPP         | JSW (J) U4 | 300       | 23-Nov-12 | 14.01     | 23-Nov-12 | 16.54      | Bearing vibration                                          |
| CPP         | JSW (J) U4 | 300       | 23-Nov-12 | 19.00     | 24-Nov-12 | 02.31      | Bearing vibration                                          |
| Bhusawal    | Unit 5     | 500       | 23-Nov-12 | 13.05     | 23-Nov-12 | 19.47      | Stator water Flow Low                                      |
| Khaparkheda | Unit 4     | 210       | 23-Nov-12 | 10.12     | 23-Nov-12 | 12.56      | Flame Failure                                              |
| Tata        | Trombay 5  | 500       | 24-Nov-12 | 00.01     | 25-Nov-12 | 21.34      | Boiler Tube Leakage                                        |
| Nasik       | Unit 5     | 210       | 24-Nov-12 | 20.45     |           | Continued. | Boiler tube leakage.                                       |
| Uran        | Unit 6     | 108       | 24-Nov-12 | 11.44     |           | Continued. | Gas shortage.                                              |
| Bhusawal    | Unit 4     | 500       | 25-Nov-12 | 06.30     | 25-Nov-12 | 21.51      | Flame failure.                                             |
| Bhusawal    | Unit 5     | 500       | 25-Nov-12 | 07.32     |           | Continued. | Coal Shortage                                              |
| Bhusawal    | Unit 4     | 500       | 25-Nov-12 | 22.22     | 26-Nov-12 | 01.22      | Flame Failure                                              |

# LINE OUTAGES FOR THE WEEK

FROM 19-Nov-12 TO 25-Nov-12

| Voltage | Name                                  | date_trip | time_trip | date_sync | time_sync  | Reason                                                                |
|---------|---------------------------------------|-----------|-----------|-----------|------------|-----------------------------------------------------------------------|
| 400KV   | Kolhapur - Mapusa - II                | 13-Nov-12 | 16.31     | 19-Nov-12 | 05.53      | Over Voltage.                                                         |
| 400KV   | Dhule-Sar'Sarovar - II                | 15-Nov-12 | 23.16     | 23-Nov-12 | 08.41      | Over Voltage.                                                         |
| 400KV   | Karad - Kolhapur - I                  | 17-Nov-12 | 18.07     | 19-Nov-12 | 07.47      | Over Voltage                                                          |
| 400KV   | Dabhol-Nagothane - II                 | 18-Nov-12 | 03.04     | 19-Nov-12 | 09.09      | Over Voltage                                                          |
| 400KV   | Bhusawal- Aurangabad                  | 18-Nov-12 | 16.08     | 19-Nov-12 | 07.59      | Over Voltage                                                          |
| 400KV   | Karad - Kolhapur - II                 | 18-Nov-12 | 20.47     | 20-Nov-12 | 08.27      | Over Voltage                                                          |
| 400KV   | Lonikand- Koyna Stage IV              | 18-Nov-12 | 21.49     | 19-Nov-12 | 07.41      | Over Voltage                                                          |
| 400KV   | Karad - Newkoyna - I                  | 18-Nov-12 | 22.06     | 19-Nov-12 | 07.52      | Over Voltage                                                          |
| 400KV   | Akola-Aurangabad-II                   | 18-Nov-12 | 23.42     | 19-Nov-12 | 06.42      | Over Voltage                                                          |
| 400KV   | Bhusawal- Aurangabad                  | 19-Nov-12 | 19.04     | 20-Nov-12 | 08.24      | Over Voltage                                                          |
| 400KV   | Kolhapur - Mapusa - I                 | 19-Nov-12 | 00.01     |           | Continued. | Over Voltage                                                          |
| 400KV   | Karad - Kolhapur - I                  | 19-Nov-12 | 17.01     | 21-Nov-12 | 09.20      | Over Voltage                                                          |
| 400KV   | Koradi-Khaparkhed-I                   | 19-Nov-12 | 10.24     | 19-Nov-12 | 10.59      | While Changing Main Bus I to Bus II                                   |
| 400KV   | Main Bus - II @ Koradi                | 19-Nov-12 | 12.37     | 24-Nov-12 | 08.12      | Replacement of Disc Insulator                                         |
| 400KV   | Lonikand- Koyna Stage IV              | 19-Nov-12 | 22.24     | 20-Nov-12 | 07.55      | Over Voltage                                                          |
| 400KV   | Koradi - Indiabull (Nandgaonpeth)     | 20-Nov-12 | 13.44     | 20-Nov-12 | 13.55      | Distance Protection.                                                  |
| 400KV   | Wardha - Akola - II                   | 20-Nov-12 | 22.00     | 21-Nov-12 | 07.06      | Over Voltage.                                                         |
| 400KV   | Lonikand- Koyna Stage IV              | 20-Nov-12 | 23.54     | 21-Nov-12 | 07.55      | Over Voltage.                                                         |
| 400KV   | TBC at 400KV Aurangabad               | 20-Nov-12 | 14.55     | 20-Nov-12 | 17.25      | Measurment of Breaker Timings, Measurement of Contact Regsistances.   |
| 400KV   | Bhusawal- Aurangabad                  | 20-Nov-12 | 17.33     | 21-Nov-12 | 10.31      | Over Voltage.                                                         |
| 400KV   | Karad - Kolhapur - II                 | 21-Nov-12 | 01.05     | 21-Nov-12 | 09.32      | Over Voltage.                                                         |
| 400KV   | 400/220 KV 315 MVA ICT- I @ Nagothane | 21-Nov-12 | 09.07     | 21-Nov-12 | 18.44      | Rout bay maint.work.                                                  |
| 400KV   | Koradi-Khaparkhed-I                   | 21-Nov-12 | 09.40     | 21-Nov-12 | 18.43      | Repl of disc insulator.(Taken on TBC)                                 |
| 400KV   | Koradi-Khaparkhed-I                   | 21-Nov-12 | 09.42     | 21-Nov-12 | 20.22      | Repl.of disc insulator.                                               |
| 400KV   | Bus Coupler @ Padgha                  | 21-Nov-12 | 12.35     | 21-Nov-12 | 17.10      | Testing work.                                                         |
| 400KV   | Karad-Kolhapur-II                     | 21-Nov-12 | 16.28     | 22-Nov-12 | 08.53      | Over Voltage.                                                         |
| 400KV   | Bhusawal- Aurangabad                  | 21-Nov-12 | 17.05     | 22-Nov-12 | 06.54      | Over Voltage.                                                         |
| 400KV   | Lonikand- Koyna Stage IV              | 21-Nov-12 | 22.22     | 22-Nov-12 | 07.54      | Over Voltage.                                                         |
| 400KV   | Wardha (PG) - Warora - I              | 21-Nov-12 | 11.01     | 22-Nov-12 | 19.00      | CRM of 89 LC of PGCIL bay II & Relay testing work.                    |
| 400KV   | 400/220 KV 315 MVA ICT-III @ Padgha   | 22-Nov-12 | 12.24     | 22-Nov-12 | 16.16      | Hot Spot (Taken on TBC).                                              |
| 400KV   | TBC Bay -I at N.Koyna                 | 22-Nov-12 | 10.29     | 22-Nov-12 | 12.00      | R.M.Work                                                              |
| 400KV   | Karad - Kolhapur - II                 | 22-Nov-12 | 16.29     | 24-Nov-12 | 06.46      | Over Voltage.                                                         |
| 400KV   | Bhusawal- Aurangabad                  | 22-Nov-12 | 17.16     |           | Continued. | Over Voltage.                                                         |
| 400KV   | Karad - Kolhapur - I                  | 22-Nov-12 | 21.07     | 23-Nov-12 | 08.22      | Over Voltage.                                                         |
| 400KV   | Lonikand- Koyna Stage IV              | 22-Nov-12 | 22.44     | 23-Nov-12 | 07.30      | Over Voltage.                                                         |
| 400KV   | 400/220 KV 600 MVA ICT - IV @ Padgha  | 23-Nov-12 | 09.13     | 23-Nov-12 | 19.56      | Construction of fire protection wall.                                 |
| 400KV   | Koradi -Bhusawal                      | 23-Nov-12 | 08.37     | 24-Nov-12 | 09.13      | Replacement of old disc insulator of main bus-II(ready for charging). |
| 400KV   | 400/220 KV 315 MVA ICT - II @ Koradi. | 23-Nov-12 | 10.13     | 23-Nov-12 | 15.45      | Attending oil leakage from gasket of 400KV B ph. bushing.             |
| 400KV   | Karad - Kolhapur - I                  | 23-Nov-12 | 20.05     | 24-Nov-12 | 09.21      | Over Voltage.                                                         |
| 400KV   | Lonikand- Koyna Stage IV              | 23-Nov-12 | 22.21     | 24-Nov-12 | 06.40      | Over Voltage.                                                         |
| 400KV   | Dhule-S'Sarovar I                     | 23-Nov-12 | 22.01     | 25-Nov-12 | 08.28      | Over Voltage.                                                         |
| 400KV   | 400/220 KV 600 MVA ICT - IV @ Padgha  | 24-Nov-12 | 08.12     | 24-Nov-12 | 20.33      | Construction of fire protection wall.                                 |
| 400KV   | Jejuri-Koyna STG-IV                   | 24-Nov-12 | 07.15     | 24-Nov-12 | 09.44      | Tightening of nutbolt.                                                |
| 400KV   | 400/220 KV 500 MVA ICT-I @ Deepnagar  | 24-Nov-12 | 10.28     | 24-Nov-12 | 16.08      | Tan delta of 220KV CT and IR values.                                  |
| 400KV   | Bablswr-Padgha Ckt I                  | 24-Nov-12 | 14.09     | 24-Nov-12 | 16.09      | Pressure switch repl.work.                                            |
| 400KV   | Karad - Kolhapur - II                 | 24-Nov-12 | 16.15     | 25-Nov-12 | 09.47      | Over Voltage.                                                         |
| 400KV   | Lonikand- Koyna Stage IV              | 24-Nov-12 | 23.33     | 25-Nov-12 | 07.06      | Over Voltage.                                                         |
| 400KV   | Karad - Kolhapur - I                  | 25-Nov-12 | 01.57     | 25-Nov-12 | 07.03      | Over Voltage.                                                         |
| 400KV   | Karad - Kolhapur - II                 | 25-Nov-12 | 16.15     |           | Continued. | Over Voltage                                                          |
| 400KV   | 400/220 KV 600 MVA ICT - IV @ Padgha  | 25-Nov-12 | 08.16     | 25-Nov-12 | 19.57      | Construction of Fire Protection Wall                                  |

|       |                                        |           |       |           |            |                                                                                       |
|-------|----------------------------------------|-----------|-------|-----------|------------|---------------------------------------------------------------------------------------|
| 400KV | Koradi - Bhusawal                      | 25-Nov-12 | 16.57 | 26-Nov-12 | 05.31      | Isolator problem,(Ready for charging from 18.45Hrs/25-11-2012)                        |
| 400KV | Main Bus - II @ Koradi                 | 25-Nov-12 | 10.34 |           | Continued. | Isolator Problem                                                                      |
| 400KV | Dhule-Sar'Sarovar - I                  | 25-Nov-12 | 23.00 |           | Continued. | Over Voltage                                                                          |
| 220KV | Kandalgaon - Dasturi                   | 19-Nov-12 | 10.06 | 19-Nov-12 | 19.45      | Red Hot                                                                               |
| 220KV | Talangaade - Mumewadi                  | 19-Nov-12 | 08.55 | 19-Nov-12 | 11.10      | Red Hot                                                                               |
| 220KV | Khaparkheda-Kawlewada-I                | 19-Nov-12 | 14.36 | 19-Nov-12 | 16.54      | Studying rising trend of Tan Delta                                                    |
| 220KV | 220/132 KV 150 MVA ICT @ Ambazari      | 19-Nov-12 | 13.32 | 19-Nov-12 | 16.30      | Hot Spot                                                                              |
| 220KV | Ghodbandar-Varsowa                     | 20-Nov-12 | 09.15 | 20-Nov-12 | 16.35      | A. M. Work.                                                                           |
| 220KV | Kolhapur - Peth                        | 20-Nov-12 | 09.30 | 20-Nov-12 | 13.50      | Routine Maintenance Work.                                                             |
| 220KV | Trombay Sonkhar                        | 20-Nov-12 | 09.46 | 20-Nov-12 | 10.11      | Distance Protection.                                                                  |
| 220KV | Bombay Dyeing - Sahara                 | 20-Nov-12 | 12.35 | 20-Nov-12 | 13.45      | Distance Protection.                                                                  |
| 220KV | Peth -Mudshingi                        | 20-Nov-12 | 17.03 | 20-Nov-12 | 21.10      | Distance Protection.                                                                  |
| 220KV | Dondaicha - Jamde - I                  | 20-Nov-12 | 11.40 | 20-Nov-12 | 14.03      | Measurment of Tan Delts of C T.                                                       |
| 220KV | Dondaicha - Jamde - II.                | 20-Nov-12 | 15.50 | 20-Nov-12 | 17.40      | Measurment of Tan Delts of C T.                                                       |
| 220KV | Dondaicha - Jamde - I                  | 20-Nov-12 | 15.15 | 20-Nov-12 | 15.40      | Attending Oil Leakages of C T.                                                        |
| 220KV | 220/132 200 MVA ICT - I @ Harangul     | 20-Nov-12 | 08.24 | 20-Nov-12 | 11.53      | Attending Hot Spot & Replacement of Faulty Jumper,& Q.M.Work.                         |
| 220KV | Kalwa-Siemens II                       | 21-Nov-12 | 08.16 |           | Continued. | Dismantling of old tower and normalization of 220KV Kalwa-Kharghar line.              |
| 220KV | Vita - Lamboti                         | 21-Nov-12 | 11.41 | 21-Nov-12 | 16.02      | A.R.Trial work.                                                                       |
| 220KV | Lamboti - Pandharpur                   | 21-Nov-12 | 16.47 | 21-Nov-12 | 17.53      | Hot Spot.                                                                             |
| 220KV | Kalwa - Airoli - Knowledge Park.       | 21-Nov-12 | 12.35 | 21-Nov-12 | 17.10      | Hot Spot.(Taken on TBC)                                                               |
| 220KV | Bus Section - I @ Nasik GCR            | 21-Nov-12 | 06.07 | 21-Nov-12 | 07.01      | 220KV Bus Zone-A Bus Bar Operated due to Non closing of B-Ph breaker pole of Gen U-3. |
| 220KV | 220/132 KV, 200 MVA ICT - 6 at Nasik   | 21-Nov-12 | 06.07 | 21-Nov-12 | 07.07      | Bus Bar Operated.                                                                     |
| 220KV | 220/132 KV 200 MVA ICT - I @ Nasik OCR | 21-Nov-12 | 06.07 | 21-Nov-12 | 07.05      | Bus Bar Operated.                                                                     |
| 220KV | 220/132 KV 150 MVA ICT- II @ Nasik     | 21-Nov-12 | 06.07 | 21-Nov-12 | 07.06      | Bus Bar Operated.                                                                     |
| 220KV | Nasik-Bablsr - I                       | 21-Nov-12 | 06.07 | 21-Nov-12 | 07.03      | Bus Bar Operated.                                                                     |
| 220KV | Nasik - Airoli - Knowledge Park        | 21-Nov-12 | 06.07 | 21-Nov-12 | 07.16      | Bus Bar Operated.                                                                     |
| 220KV | Bus Section - II @ Nasik               | 21-Nov-12 | 06.07 | 21-Nov-12 | 07.02      | Bus Bar Operated.                                                                     |
| 220KV | Stn.T/F.3 at Nasik                     | 21-Nov-12 | 06.07 | 21-Nov-12 | 07.15      | Bus Bar Operated.                                                                     |
| 220KV | Trombay - Salsett - I                  | 21-Nov-12 | 15.16 | 21-Nov-12 | 15.44      | Distance Protection.                                                                  |
| 220KV | Chinchwad-Parvati                      | 22-Nov-12 | 09.24 | 22-Nov-12 | 17.32      | Jumpering of Bus to Sectionalizer.                                                    |
| 220KV | Karad-Pedambe                          | 22-Nov-12 | 08.23 | 22-Nov-12 | 17.15      | R.M.Work                                                                              |
| 220KV | 220/132KV 200 MVA ICT- III @ Chinchwad | 22-Nov-12 | 08.11 | 22-Nov-12 | 16.59      | Due to outage of Bus Section I.                                                       |
| 220KV | Main Bus at Parvati                    | 22-Nov-12 | 09.45 | 22-Nov-12 | 17.12      | Jumpering of Bus to Sectionalizer.                                                    |
| 220KV | 220/132KV 200MVA ICT I at Parvati      | 22-Nov-12 | 09.35 | 22-Nov-12 | 17.13      | Due to outage of Main Bus.                                                            |
| 220KV | Jejuri - Baramati                      | 22-Nov-12 | 12.24 | 22-Nov-12 | 20.52      | Hot Spot.                                                                             |
| 220KV | Bhugaon-Wardha                         | 22-Nov-12 | 10.00 | 22-Nov-12 | 12.16      | 220KV Wardha-Y'mal ckt outage.                                                        |
| 220KV | Aurangabad-Chitegaon-II                | 22-Nov-12 | 11.45 | 22-Nov-12 | 21.14      | Taking A/R in service and CB testing.                                                 |
| 220KV | Kanhan - Bhandara - I                  | 22-Nov-12 | 10.20 | 22-Nov-12 | 17.39      | Taurus signature of lines.                                                            |
| 220KV | Pusad-Nanded                           | 22-Nov-12 | 09.39 | 22-Nov-12 | 15.23      | Repl.of R-Ph wave trap,CT side jumper palm and R.M.Work.                              |
| 220KV | Wardha - Yawatmal                      | 22-Nov-12 | 09.46 | 22-Nov-12 | 12.09      | Repl.of Y-Ph jumper of line side isolator of CT.                                      |
| 220KV | 220/132 KV 200 MVA ICT-IV @ Nasik OCR  | 23-Nov-12 | 10.01 | 23-Nov-12 | 19.23      | Attending oil leakage work.                                                           |
| 220KV | Anandnagar-Pal                         | 23-Nov-12 | 09.30 | 23-Nov-12 | 18.10      | Testing work.                                                                         |
| 220KV | Virur - Gadchiroli                     | 23-Nov-12 | 14.14 | 23-Nov-12 | 18.10      | Tan delta of CT.                                                                      |
| 220KV | Usmanabad --Bale                       | 23-Nov-12 | 13.46 | 23-Nov-12 | 22.15      | Testing of distance relay and auto reclose relay.                                     |
| 220KV | Wada-Kolshet                           | 23-Nov-12 | 09.18 | 23-Nov-12 | 15.20      | R.M.Work                                                                              |
| 220KV | 220/100KV,200MVA ICT-I at Borivali.    | 24-Nov-12 | 08.24 | 24-Nov-12 | 17.25      | R.M.Work.                                                                             |
| 220KV | 220/132 KV 200 MVA ICT-II @ Nagar.     | 24-Nov-12 | 09.25 |           | Continued. | Tan delta measurement work.                                                           |
| 220KV | 220/33KV 125MVA T/F- V at Versova      | 24-Nov-12 | 14.08 | 24-Nov-12 | 15.42      | Chattering noise in 33 KV cable chamber.                                              |
| 220KV | 220/132 KV 200 MVA ICT - II @ Raymand  | 24-Nov-12 | 11.04 | 24-Nov-12 | 16.05      | Q.M.Work.                                                                             |
| 220KV | 220/132KV 200 MVA ICT I at Chalisgaon  | 24-Nov-12 | 12.45 | 24-Nov-12 | 18.59      | Tan delta measurement work.                                                           |
| 132KV | Ujani-Umarqa                           | 20-Nov-12 | 01.20 | 20-Nov-12 | 01.40      | Distance Protection                                                                   |

|       |                                   |           |       |           |       |                                                  |
|-------|-----------------------------------|-----------|-------|-----------|-------|--------------------------------------------------|
| 132KV | Ujani-Umarga                      | 20-Nov-12 | 02.27 | 20-Nov-12 | 02.40 | Distance Protection                              |
| 132KV | Bus Section at 220KV Chinchwad.   | 22-Nov-12 | 08.11 | 22-Nov-12 | 16.57 | Conversion of single to twin conductor of Bus.   |
| 132KV | Chinchwad-Rahatri                 | 22-Nov-12 | 08.11 | 22-Nov-12 | 18.10 | Due to outage of Bus Section I.                  |
| 132KV | Chinchwad-Chakan                  | 22-Nov-12 | 08.20 | 22-Nov-12 | 18.40 | Due to outage of Bus Section I.                  |
| 132KV | Ranjangaon-Whirpool               | 22-Nov-12 | 09.13 | 22-Nov-12 | 18.38 | Stringing of Loc.0 to Loc.No.1.                  |
| 132KV | Chinchwad-Bajaj                   | 22-Nov-12 | 07.48 | 22-Nov-12 | 18.13 | Due to outage of Bus Section I.                  |
| 132KV | Jalna - Jalna MIDC                | 22-Nov-12 | 12.55 | 22-Nov-12 | 16.26 | Dist.protecction.                                |
| 132KV | JALNA-KANHAIYYA NAGAR CKT         | 22-Nov-12 | 14.24 | 22-Nov-12 | 14.45 | Back up protection operated.                     |
| 132KV | Pardi- Besa                       | 22-Nov-12 | 13.32 | 22-Nov-12 | 14.44 | Dist.protection.                                 |
| 132KV | Bhusawal - Muktainagar            | 22-Nov-12 | 13.52 | 22-Nov-12 | 18.28 | At loc.no.344,jumper open from PG clamp of Y-Ph. |
| 132KV | Pusad - Umarched                  | 23-Nov-12 | 09.31 | 23-Nov-12 | 09.38 | Distance protection.                             |
| 132KV | Chalisgaon- Manmad(Pimperkhed)-II | 25-Nov-12 | 11.04 | 25-Nov-12 | 17.19 | Replacement of Breaker Pole                      |
| 100KV | Borivali-Tata-I                   | 25-Nov-12 | 16.42 | 25-Nov-12 | 20.17 | Hot Spot at TATA end                             |