

**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      24-Sep-12      To      30-Sep-12**

| Date                            | Monday<br>24-Sep-12 | Tuesday<br>25-Sep-12 | Wednesday<br>26-Sep-12 | Thursday<br>27-Sep-12 | Friday<br>28-Sep-12 | Saturday<br>29-Sep-12 | Sunday<br>30-Sep-12 |
|---------------------------------|---------------------|----------------------|------------------------|-----------------------|---------------------|-----------------------|---------------------|
| <b>On Line Capacity (MW)</b>    |                     |                      |                        |                       |                     |                       |                     |
| MSPGCL THM                      | 3822                | 3317                 | 4047                   | 3942                  | 4115                | 4437                  | 4405                |
| MSPGCL HY                       | 1379                | 1341                 | 1326                   | 1355                  | 1371                | 1393                  | 1392                |
| MSPGCL GAS                      | 290                 | 300                  | 300                    | 450                   | 450                 | 460                   | 350                 |
| <b>MSPGCL TOTAL</b>             | <b>5491</b>         | <b>4958</b>          | <b>5673</b>            | <b>5747</b>           | <b>5936</b>         | <b>6290</b>           | <b>6147</b>         |
| Cent. Sect.(incl. RGPPL)        | 5731                | 5802                 | 5984                   | 6013                  | 5062                | 4871                  | 4359                |
| <b>MSPGCL + CS</b>              | <b>11222</b>        | <b>10760</b>         | <b>11657</b>           | <b>11760</b>          | <b>10998</b>        | <b>11161</b>          | <b>10506</b>        |
| TPCL                            | 1727                | 1727                 | 1727                   | 1736                  | 1736                | 1748                  | 1748                |
| REL                             | 500                 | 500                  | 500                    | 500                   | 500                 | 500                   | 500                 |
| TPCL + REL                      | <b>2227</b>         | <b>2227</b>          | <b>2227</b>            | <b>2236</b>           | <b>2236</b>         | <b>2248</b>           | <b>2248</b>         |
| CPP                             | 1160                | 1123                 | 1198                   | 1194                  | 1224                | 1250                  | 1495                |
| STATE OLC                       | <b>14609</b>        | <b>14110</b>         | <b>15082</b>           | <b>15190</b>          | <b>14458</b>        | <b>14659</b>          | <b>14249</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                      | 3696                | 3591                 | 3922                   | 4016                  | 4152                | 4410                  | 4311                |
| MSPGCL HY                       | 877                 | 1304                 | 1400                   | 1202                  | 1703                | 1396                  | 1151                |
| MSPGCL GAS                      | 304                 | 294                  | 310                    | 460                   | 467                 | 374                   | 335                 |
| <b>MSPGCL TOTAL</b>             | <b>4877</b>         | <b>5189</b>          | <b>5632</b>            | <b>5678</b>           | <b>6322</b>         | <b>6180</b>           | <b>5797</b>         |
| Cent. Sect.(incl. RGPPL)        | 6063                | 6516                 | 6304                   | 6380                  | 5182                | 4519                  | 5084                |
| Wind                            | 291                 | 166                  | 50                     | 99                    | 35                  | 107                   | 110                 |
| CPP                             | 1691                | 1412                 | 1407                   | 1496                  | 1978                | 1929                  | 2239                |
| TPCL Asst                       | -625                | -684                 | -636                   | -1014                 | -812                | -411                  | -483                |
| MSEDCL Catered                  | 12348               | 12652                | 12782                  | 12690                 | 12755               | 12374                 | 12791               |
| Load Shedding (LS)              | 538                 | 635                  | 611                    | 679                   | 701                 | 727                   | 662                 |
| <b>MSEDCL Demand( Incl LS)</b>  | <b>12886</b>        | <b>13287</b>         | <b>13393</b>           | <b>13369</b>          | <b>13456</b>        | <b>13101</b>          | <b>13453</b>        |
| TPCL + REL Dem.                 | 2800                | 2858                 | 2892                   | 2936                  | 2979                | 2609                  | 2230                |
| <b>State Demand ( Incl LS)</b>  | <b>15686</b>        | <b>16145</b>         | <b>16285</b>           | <b>16305</b>          | <b>16435</b>        | <b>15710</b>          | <b>15683</b>        |
| Sys. Freq. (Hz)                 | 49.93               | 49.85                | 49.87                  | 49.88                 | 49.89               | 49.99                 | 49.99               |
| <b>Evening Peak Demand (MW)</b> | <b>20 Hrs</b>       | <b>20 Hrs</b>        | <b>20 Hrs</b>          | <b>20 Hrs</b>         | <b>20 Hrs</b>       | <b>17 Hrs</b>         | <b>20 Hrs</b>       |
| MSPGCL THM                      | 3382                | 3895                 | 4240                   | 4041                  | 4184                | 4545                  | 4224                |
| MSPGCL HY                       | 1919                | 1670                 | 1641                   | 1939                  | 1560                | 357                   | 850                 |
| MSPGCL GAS                      | 310                 | 308                  | 472                    | 474                   | 437                 | 349                   | 320                 |
| <b>MSPGCL TOTAL</b>             | <b>5611</b>         | <b>5873</b>          | <b>6353</b>            | <b>6454</b>           | <b>6181</b>         | <b>5251</b>           | <b>5394</b>         |
| Cent. Sect.(incl. RGPPL)        | 5938                | 5965                 | 5933                   | 5699                  | 5119                | 4231                  | 4564                |
| Wind                            | 429                 | 247                  | 109                    | 123                   | 112                 | 170                   | 136                 |
| CPP                             | 1315                | 1413                 | 1434                   | 1509                  | 1890                | 2247                  | 2305                |
| TPCL Asst                       | -505                | -469                 | -570                   | -605                  | -661                | -326                  | -608                |
| MSEDCL Catered                  | 12838               | 13052                | 13305                  | 13234                 | 12664               | 11593                 | 11840               |
| Load Shedding (LS)              | 108                 | 157                  | 96                     | 50                    | 7                   | 548                   | 522                 |
| <b>MSEDCL Demand( Incl LS)</b>  | <b>12946</b>        | <b>13209</b>         | <b>13401</b>           | <b>13284</b>          | <b>12671</b>        | <b>12141</b>          | <b>12362</b>        |
| TPCL + REL Dem.                 | 2725                | 2722                 | 2803                   | 2824                  | 2853                | 2179                  | 2421                |
| <b>State Demand ( Incl LS)</b>  | <b>15671</b>        | <b>15931</b>         | <b>16204</b>           | <b>16108</b>          | <b>15524</b>        | <b>14320</b>          | <b>14783</b>        |
| Sys. Freq. (Hz)                 | 50.01               | 50                   | 49.94                  | 50.07                 | 49.93               | 49.9                  | 50.02               |

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 | 24-Sep-12 | TO | 30-Sep-12 |
|------|-----------|----|-----------|
|------|-----------|----|-----------|

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

| Sr.No | Date        | 24-Sep-2012 |        | 25-Sep-2012 |        | 26-Sep-2012 |        | 27-Sep-2012 |        | 28-Sep-2012 |        | 29-Sep-2012 |        | 30-Sep-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       | *           | *      | *           | *      | *           | *      | *           | *      | *           | *      | *           | *      | *           | *      |
| 2     | KORADI      | *           | 5,7    | *           | 5,7    | *           | 5,7    | *           | 5,7    | *           | 5      | *           | 5      | *           | 5      |
| 3     | KHAPERKHEDA | *           | *      | *           | *      | *           | *      | *           | *      | *           | *      | *           | *      | *           | *      |
| 4     | PARALI      | *           | 5      | *           | 5      | *           | 5      | *           | 5      | *           | 5      | *           | 5      | *           | 5      |
| 5     | CHANDRAPUR  | *           | 4      | *           | 4      | *           | 4      | *           | 4      | *           | *      | *           | *      | *           | *      |
| 6     | BHUSAVAL    | *           | *      | *           | *      | *           | *      | *           | 3      | *           | 3      | *           | 3      | *           | 3      |
| 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                        |         |
| 24-Sep-2012 | MONDAY    | 91.146                         | 3798    | 37.459                              | 1561    | 128.605     | 5359    | 131.083     | 5462    | 2.478                        | 103     |
| 25-Sep-2012 | TUESDAY   | 95.368                         | 3974    | 39.352                              | 1640    | 134.720     | 5613    | 138.159     | 5757    | 3.439                        | 143     |
| 26-Sep-2012 | WEDNESDAY | 92.894                         | 3871    | 48.133                              | 2006    | 141.027     | 5876    | 143.244     | 5969    | 2.217                        | 92      |
| 27-Sep-2012 | THURSDAY  | 91.962                         | 3832    | 42.440                              | 1768    | 134.402     | 5600    | 138.606     | 5775    | 4.204                        | 175     |
| 28-Sep-2012 | FRIDAY    | 77.505                         | 3229    | 36.385                              | 1516    | 113.890     | 4745    | 114.364     | 4765    | 0.474                        | 20      |
| 29-Sep-2012 | SATURDAY  | 57.451                         | 2394    | 45.683                              | 1903    | 103.134     | 4297    | 105.984     | 4416    | 2.850                        | 119     |
| 30-Sep-2012 | SUNDAY    | 53.298                         | 2221    | 52.215                              | 2176    | 105.513     | 4396    | 106.786     | 4449    | 1.273                        | 53      |
|             | TOTAL     | 559.624                        |         | 301.667                             |         | 861.291     |         | 878.226     |         | 16.935                       |         |

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

| <b>DATE</b>      | <b>For the Day</b> | <b>For the Month</b> | <b>Balance</b> |
|------------------|--------------------|----------------------|----------------|
| <b>24-Sep-12</b> | 0.293              | 3.041                | 46.311         |
| <b>25-Sep-12</b> | 0.507              | 3.548                | 45.804         |
| <b>26-Sep-12</b> | 0.335              | 3.883                | 45.469         |
| <b>27-Sep-12</b> | 0.430              | 4.313                | 45.039         |
| <b>28-Sep-12</b> | 0.521              | 4.834                | 44.518         |
| <b>29-Sep-12</b> | 0.229              | 5.063                | 44.289         |
| <b>30-Sep-12</b> | 0.264              | 5.327                | 44.025         |

### 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    |                        |      |      |           |                       |                     |                         |           |          |                  |                        | Hzs   |
| 24-Sep-12 | 20   | 3382              | 1919  | 310 | 5611  | 5938                   | 429  | 1315 | -505      | 12838                 | 108                 | 12946                   | 1696      | 524      | 15563            | 15671                  | 50.01 |
| 25-Sep-12 | 20   | 3895              | 1670  | 308 | 5873  | 5965                   | 247  | 1413 | -469      | 13052                 | 157                 | 13209                   | 1730      | 523      | 15774            | 15931                  | 50.00 |
| 26-Sep-12 | 20   | 4240              | 1641  | 472 | 6353  | 5933                   | 109  | 1434 | -570      | 13305                 | 96                  | 13401                   | 1710      | 523      | 16108            | 16204                  | 49.94 |
| 27-Sep-12 | 20   | 4041              | 1939  | 474 | 6454  | 5699                   | 123  | 1509 | -605      | 13234                 | 50                  | 13284                   | 1697      | 522      | 16058            | 16108                  | 50.07 |
| 28-Sep-12 | 20   | 4184              | 1560  | 437 | 6181  | 5119                   | 112  | 1890 | -661      | 12664                 | 7                   | 12671                   | 1669      | 523      | 15517            | 15524                  | 49.93 |
| 29-Sep-12 | 17   | 4545              | 357   | 349 | 5251  | 4231                   | 170  | 2247 | -326      | 11593                 | 548                 | 12141                   | 1330      | 523      | 13772            | 14320                  | 49.90 |
| 30-Sep-12 | 20   | 4224              | 850   | 320 | 5394  | 4564                   | 136  | 2305 | -608      | 11840                 | 522                 | 12362                   | 1289      | 524      | 14261            | 14783                  | 50.02 |
| Maximum   |      | 4545              | 1939  | 474 | 6454  | 5965                   | 429  | 2305 | -326      | 13305                 | 548                 | 13401                   | 1730      | 524      | 16108            | 16204                  | 50.07 |
| Minimum   |      | 3382              | 357   | 308 | 5251  | 4231                   | 109  | 1315 | -661      | 11593                 | 7                   | 12141                   | 1289      | 522      | 13772            | 14320                  | 49.90 |
| Average   |      | 4073              | 1419  | 381 | 5874  | 5350                   | 189  | 1730 | -535      | 12647                 | 213                 | 12859                   | 1589      | 523      | 15293            | 15506                  | 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    |                        |      |      |           |                       |                     |                         |           |          |                  |                        | Hzs   |
| 24-Sep-12 | 12   | 3696              | 877   | 304 | 4877  | 6063                   | 291  | 1691 | -625      | 12348                 | 538                 | 12886                   | 1650      | 525      | 15148            | 15686                  | 49.93 |
| 25-Sep-12 | 12   | 3591              | 1304  | 294 | 5189  | 6516                   | 166  | 1412 | -684      | 12652                 | 635                 | 13287                   | 1652      | 522      | 15510            | 16145                  | 49.85 |
| 26-Sep-12 | 12   | 3922              | 1400  | 310 | 5632  | 6304                   | 50   | 1407 | -636      | 12782                 | 611                 | 13393                   | 1731      | 525      | 15674            | 16285                  | 49.87 |
| 27-Sep-12 | 12   | 4016              | 1202  | 460 | 5678  | 6380                   | 99   | 1496 | -1014     | 12690                 | 679                 | 13369                   | 1663      | 259      | 15626            | 16305                  | 49.88 |
| 28-Sep-12 | 12   | 4152              | 1703  | 467 | 6322  | 5182                   | 35   | 1978 | -812      | 12755                 | 701                 | 13456                   | 1642      | 525      | 15734            | 16435                  | 49.89 |
| 29-Sep-12 | 12   | 4410              | 1396  | 374 | 6180  | 4519                   | 107  | 1929 | -411      | 12374                 | 727                 | 13101                   | 1672      | 526      | 14983            | 15710                  | 49.99 |
| 30-Sep-12 | 12   | 4311              | 1151  | 335 | 5797  | 5084                   | 110  | 2239 | -483      | 12791                 | 662                 | 13453                   | 1223      | 524      | 15021            | 15683                  | 49.99 |
| Maximum   |      | 4410              | 1703  | 467 | 6322  | 6516                   | 291  | 2239 | -411      | 12791                 | 727                 | 13456                   | 1731      | 526      | 15734            | 16435                  | 49.99 |
| Minimum   |      | 3591              | 877   | 294 | 4877  | 4519                   | 35   | 1407 | -1014     | 12348                 | 538                 | 12886                   | 1223      | 259      | 14983            | 15683                  | 49.85 |
| Average   |      | 4014              | 1290  | 363 | 5668  | 5721                   | 123  | 1736 | -666      | 12627                 | 650                 | 13278                   | 1605      | 487      | 15385            | 16036                  | 49.91 |

### 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   |
|           |                   |        |        |           |         |                        |                      |        |        |          |             |           |                    |        |        |         |
| 24-Sep-12 | 86.778            | 16.583 | 7.456  | 1.008     | 111.825 | 131.083                | 128.605              | 10.109 | 38.228 | 32.143   | 12.583      | -10.361   | 280.885            | 36.919 | 18.165 | 335.969 |
| 25-Sep-12 | 87.165            | 23.886 | 7.411  | 0.785     | 119.247 | 138.159                | 134.720              | 6.122  | 33.375 | 32.959   | 12.564      | -10.764   | 286.139            | 37.674 | 18.611 | 342.424 |
| 26-Sep-12 | 96.043            | 16.321 | 8.878  | 0.869     | 122.111 | 143.244                | 141.027              | 3.432  | 33.775 | 32.788   | 12.576      | -11.961   | 290.601            | 38.615 | 18.708 | 347.924 |
| 27-Sep-12 | 95.008            | 22.278 | 11.239 | 1.031     | 129.556 | 138.606                | 134.402              | 3.601  | 35.628 | 32.244   | 10.786      | -15.051   | 292.340            | 39.464 | 18.615 | 350.419 |
| 28-Sep-12 | 98.529            | 26.983 | 10.815 | 0.957     | 137.284 | 114.364                | 113.890              | 3.735  | 44.947 | 33.707   | 12.578      | -12.555   | 287.775            | 39.669 | 19.170 | 346.614 |
| 29-Sep-12 | 105.711           | 13.300 | 8.780  | 0.970     | 128.761 | 105.984                | 103.134              | 3.213  | 50.247 | 30.347   | 12.588      | -9.025    | 279.175            | 34.794 | 17.198 | 331.167 |
| 30-Sep-12 | 104.391           | 13.906 | 8.067  | 0.740     | 127.104 | 106.786                | 105.513              | 2.250  | 54.579 | 26.695   | 12.582      | -11.168   | 279.551            | 33.422 | 17.019 | 329.992 |
| Maximum   | 105.711           | 26.983 | 11.239 | 1.031     | 137.284 | 143.244                | 141.027              | 10.109 | 54.579 | 33.707   | 12.588      | -9.025    | 292.340            | 39.669 | 19.170 | 350.419 |
| Minimum   | 86.778            | 13.300 | 7.411  | 0.740     | 111.825 | 105.984                | 103.134              | 2.250  | 33.375 | 26.695   | 10.786      | -15.051   | 279.175            | 33.422 | 17.019 | 329.992 |
| Average   | 96.232            | 19.037 | 8.949  | 0.909     | 125.127 | 125.461                | 123.042              | 4.637  | 41.540 | 31.555   | 12.322      | -11.555   | 285.209            | 37.222 | 18.212 | 340.644 |

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.**

Maharashtra State Load Despatch Centre, Kalwa

**Information for Weekly Cabinet Meeting**

For the Week

24-Sep-12

to

30-Sep-12

**Demand Supply Summary**

|                          | Morning Peak<br>(MW) | Evening Peak<br>(MW) |
|--------------------------|----------------------|----------------------|
| Average Peak Demand      | 13278                | 12859                |
| Average Peak Supply      | 12627                | 12647                |
| Average Load Relief (LS) | 650                  | 213                  |

**Average Supply Summary**

|                   | Morning Peak<br>(MW) | Evening Peak<br>(MW) | Mus    |
|-------------------|----------------------|----------------------|--------|
| Thermal           | 4014                 | 4073                 | 96.23  |
| Gas               | 363                  | 381                  | 8.95   |
| Hydro             | 1290                 | 1419                 | 19.04  |
| CS Drawal (Total) | 5721                 | 5350                 | 125.46 |
| TPCL              | -666                 | -535                 | -11.56 |

**Koyna Water position**

|                                  | Water in TMC<br>Feet |
|----------------------------------|----------------------|
| Average Water Used Per Day       | 0.368                |
| Balance Left                     | 44.025               |
| Balance Left Last Year Same Week | 41.312               |

**MSPGCL Unit Outage Position**

| Date      | MSPGCL (in MW) |        |       |
|-----------|----------------|--------|-------|
|           | Planned        | Forced | Total |
| 24-Sep-12 | 0              | 830    | 830   |
| 25-Sep-12 | 0              | 830    | 830   |
| 26-Sep-12 | 0              | 830    | 830   |
| 27-Sep-12 | 0              | 1040   | 1040  |
| 28-Sep-12 | 0              | 630    | 630   |
| 29-Sep-12 | 0              | 630    | 630   |
| 30-Sep-12 | 0              | 630    | 630   |

**Distressed Load Shedding**

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

# GENERATING UNIT OUTAGES FOR THE WEEK

FROM 24-Sep-12 TO 30-Sep-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.                                                           |
| Koyna     | ST-IV 2   | 250       | 20-Aug-12 | 12.22     |           | Continued. | Bucholz relay alarm.Gen.T/F overhauling work.                             |
| Cent_Sect | NTPC(V-6) | 210       | 29-Aug-12 | 01.16     | 27-Sep-12 | 15.46      | AOH.                                                                      |
| Cent_Sect | NTPC(K-3) | 210       | 6-Sep-12  | 00.13     |           | Continued. | AOH.                                                                      |
| Parli     | Unit 5    | 210       | 6-Sep-12  | 04.20     |           | Continued. | Flame failure,converted to C.O.H from 15.09.2012(intimated on 22.09.2012) |
| Koradi    | Unit 5    | 200       | 16-Sep-12 | 04.23     |           | Continued. | Low Bunkering, Converted to C O H from 20/09/2012.                        |

## UNIT UNDER FORCED OUTAGE

| name        | unit_no    | derat_cap | date_trip | time_trip | date_sync | time_sync  | reason                                                             |
|-------------|------------|-----------|-----------|-----------|-----------|------------|--------------------------------------------------------------------|
| Dabhol      | 1B         | 230       | 23-Jul-12 | 15.57     |           | Continued. | Combustion Inspection                                              |
| Dabhol      | 1A         | 230       | 10-Aug-12 | 17.33     |           | Continued. | Gas Shortage.                                                      |
| Dabhol      | 1X         | 290       | 10-Aug-12 | 17.31     |           | Continued. | Gas Shortage.                                                      |
| Tata        | TATA Hydro | 444       | 5-Sep-12  | 03:30     |           | Continued. | BHIRA (BPSU-150MW)Unit tripped due to stator winding fault.        |
| Uran        | Unit 8     | 108       | 10-Sep-12 | 21.07     |           | Continued. | Gas shortage.                                                      |
| Cent_Sect   | NTPC(V-2)  | 210       | 17-Sep-12 | 00.39     | 24-Sep-12 | 01.18      | Coal Shortage.                                                     |
| Dabhol      | 2B         | 230       | 18-Sep-12 | 18.42     |           | Continued. | Gas shortage.                                                      |
| Chandrapur  | Unit 4     | 210       | 20-Sep-12 | 08.45     | 27-Sep-12 | 12.27      | ID fan motor burnt.                                                |
| CPP         | WPCL U-1   | 135       | 20-Sep-12 | 09.46     | 25-Sep-12 | 03.32      | I.D.fan vibration high.                                            |
| Nasik       | Unit 4     | 210       | 21-Sep-12 | 00.04     | 24-Sep-12 | 04.00      | ID fan problem.                                                    |
| Uran        | Unit 7     | 108       | 21-Sep-12 | 02.53     | 26-Sep-12 | 09.29      | Gas Shortage.                                                      |
| Uran        | Unit B0    | 120       | 21-Sep-12 | 02.53     | 26-Sep-12 | 16.29      | Gas shortage.                                                      |
| Koradi      | Unit 7     | 210       | 22-Sep-12 | 06.31     | 28-Sep-12 | 01.09      | Coal Shortage.                                                     |
| Paras       | Unit 4     | 250       | 23-Sep-12 | 22.41     | 24-Sep-12 | 01.15      | Flame Failure.                                                     |
| Dabhol      | 3A         | 230       | 23-Sep-12 | 09.35     |           | Continued. | Gas Shortage.                                                      |
| Bhusawal    | Unit 4     | 500       | 24-Sep-12 | 01.35     |           | Continued. | Boiler Tube Leakage.                                               |
| CPP         | JSW (J) U3 | 300       | 24-Sep-12 | 05.00     | 29-Sep-12 | 12.17      | ESP Maint.Work.                                                    |
| Parli       | Unit 7     | 250       | 24-Sep-12 | 10.38     | 26-Sep-12 | 04.49      | Coal Shortage.                                                     |
| Khaparkheda | Unit 5     | 500       | 24-Sep-12 | 15.30     | 24-Sep-12 | 21.04      | Air Pressure Low.                                                  |
| CPP         | WPCL U-4   | 135       | 24-Sep-12 | 09.50     | 26-Sep-12 | 23.46      | ID Fan Vibration Problem.                                          |
| Khaparkheda | Unit 2     | 210       | 24-Sep-12 | 23.20     | 25-Sep-12 | 03.02      | Furnace Pressure High.                                             |
| Koyna       | ST-IV 1    | 250       | 24-Sep-12 | 16.30     | 24-Sep-12 | 18.55      | Down stream seal not released.(While converting to condensor mode) |
| CPP         | Adani      | 660       | 24-Sep-12 | 14.36     | 28-Sep-12 | 00.40      | Boiler expansion problem.                                          |
| Bhusawal    | Unit 3     | 210       | 25-Sep-12 | 05.07     | 25-Sep-12 | 06.50      | Furnace Pressure High.                                             |
| Bhusawal    | Unit 3     | 210       | 25-Sep-12 | 09.34     | 25-Sep-12 | 11.22      | Furnace Pressure High.                                             |
| Koyna       | ST - IV 4  | 250       | 26-Sep-12 | 03.04     | 26-Sep-12 | 05.10      | Sensor problem.Tripped while in condenser mode.                    |
| Khaparkheda | Unit 5     | 500       | 26-Sep-12 | 20.12     | 26-Sep-12 | 22.29      | Flame failure.                                                     |
| REL         | 2          | 250       | 27-Sep-12 | 09.50     | 27-Sep-12 | 16.00      | Furnace Pressure High.                                             |
| Bhusawal    | Unit 3     | 210       | 27-Sep-12 | 04.56     | 29-Sep-12 | 11.47      | Boiler tube leakage.                                               |
| Bhusawal    | Unit 5     | 500       | 27-Sep-12 | 10.20     | 28-Sep-12 | 06.52      | Ash Problem.                                                       |
| Bhusawal    | Unit 2     | 210       | 27-Sep-12 | 16.22     | 27-Sep-12 | 18.51      | Low Vacuum.                                                        |
| Parli       | Unit 3     | 210       | 28-Sep-12 | 16.39     | 28-Sep-12 | 21.27      | I D Fan Problem.                                                   |
| Parli       | Unit 3     | 210       | 28-Sep-12 | 22.31     | 29-Sep-12 | 00.43      | Turbine Protection Operated.                                       |
| Parli       | Unit 4     | 210       | 28-Sep-12 | 12.25     | 28-Sep-12 | 15.47      | Furnace Pressure High.                                             |
| Cent_Sect   | NTPC(K-5)  | 500       | 29-Sep-12 | 06.07     | 1-Oct-12  | 01.53      | Low Bunkering.                                                     |
| Koyna       | ST - IV 4  | 250       | 29-Sep-12 | 23.00     | 30-Sep-12 | 11.10      | Step up T/F W Phase Oil Leakage.                                   |
| Bhusawal    | Unit 5     | 500       | 29-Sep-12 | 23.17     |           | Continued. | B.T.G. & D.O.P. Work.                                              |
| Cent_Sect   | NTPC(K-1)  | 210       | 29-Sep-12 | 13.12     |           | Continued. | Bunkering Problem.                                                 |
| Cent_Sect   | NTPC (K-2) | 210       | 29-Sep-12 | 13.32     |           | Continued. | Bunkering Problem.                                                 |
| Parli       | Unit 7     | 250       | 30-Sep-12 | 09.38     | 30-Sep-12 | 12.33      | Station T/F problem.                                               |
| Khaparkheda | Unit 1     | 210       | 30-Sep-12 | 11.42     |           | Continued. | Boiler Tube Leakage. .                                             |
| Koyna       | Stage 4    | 1000      | 30-Sep-12 | 16.34     | 30-Sep-12 | 17.21      | While converting from Generation to condenser.                     |

# LINE OUTAGES FOR THE WEEK

FROM 24-Sep-12 TO 30-Sep-12

| Voltage | Name                                   | date_trip | time_trip | date_sync | time_sync  | Reason                                                                               |
|---------|----------------------------------------|-----------|-----------|-----------|------------|--------------------------------------------------------------------------------------|
| 400KV   | Aurangabad-Deepnagar-II                | 7-Sep-12  | 09.42     | 29-Sep-12 | 12.05      | Maint.Work,Daily Basis Line is Ready for Charging from 18.30 Hrs.                    |
| 400KV   | Kolhapur-Solapur (PG) II               | 7-Sep-12  | 16.14     | 25-Sep-12 | 09.07      | Over Voltage.                                                                        |
| 400KV   | Kolhapur-Solapur(PGCIL)-I              | 13-Sep-12 | 16.45     | 26-Sep-12 | 09.07      | Over Voltage                                                                         |
| 400KV   | Kolhapur - Mapusa - II                 | 22-Sep-12 | 16.30     | 25-Sep-12 | 09.22      | Over Voltage.                                                                        |
| 400KV   | Karad - Kolhapur - I                   | 23-Sep-12 | 16.35     | 24-Sep-12 | 10.12      | Over Voltage.                                                                        |
| 400KV   | New Koyna - Koyna Stage IV - II        | 24-Sep-12 | 16.57     | 25-Sep-12 | 08.18      | Over Voltage.                                                                        |
| 400KV   | 400/220/33KV,500 MVA ICT-I At Kalwa    | 24-Sep-12 | 11.15     | 24-Sep-12 | 12.10      | Taken on TBC,HV side BKR SF6 gas filling.                                            |
| 400KV   | Akola-Aurangabad--II                   | 24-Sep-12 | 12.54     | 24-Sep-12 | 15.58      | Line on Tie bay maint.work.                                                          |
| 400KV   | Seoni-Wardha-II 765KV.                 | 24-Sep-12 | 00.18     | 24-Sep-12 | 12.14      | Over Voltage.                                                                        |
| 400KV   | Karad - Kolhapur - I                   | 24-Sep-12 | 17.04     | 26-Sep-12 | 10.06      | Over Voltage.                                                                        |
| 400KV   | Chandrapur - Bhadravati-IV             | 24-Sep-12 | 17.30     | 24-Sep-12 | 17.45      | Digital voltmeter testing,transducer display problem(PGCIL Work).                    |
| 400KV   | 400/11.5KV 90 MVA STN T/F III @ 400KV  | 25-Sep-12 | 15.38     |           | Continued. | Differential protection operated.                                                    |
| 400KV   | Akola - Wardha - I                     | 25-Sep-12 | 10.07     | 25-Sep-12 | 13.03      | Line on Tie Bay,maint work main bay.                                                 |
| 400KV   | Koradi - Bhusawal                      | 25-Sep-12 | 11.10     | 25-Sep-12 | 13.42      | Isolator maint.work.Line taken on TBC.                                               |
| 400KV   | 400/220KV 500MVA ICT- I at Khaperkheda | 25-Sep-12 | 14.33     | 25-Sep-12 | 15.30      | Remote and protection trip trial of 220KV Bkr.of ICT-I.                              |
| 400KV   | Akola - Wardha - II                    | 25-Sep-12 | 15.58     | 25-Sep-12 | 19.09      | AMP work.(Ckt.charged through tie bay.)                                              |
| 400KV   | Seoni-Wardha-II 765KV.                 | 25-Sep-12 | 00.16     | 25-Sep-12 | 11.21      | Over Voltage.                                                                        |
| 400KV   | Kolhapur-Solapur (PG) II               | 25-Sep-12 | 20.43     |           | Continued. | Over Voltage.                                                                        |
| 400KV   | Kolhapur - Mapusa - I                  | 25-Sep-12 | 16.44     | 27-Sep-12 | 09.42      | Over Voltage.                                                                        |
| 400KV   | Warora - Tiroda - II                   | 25-Sep-12 | 17.00     | 26-Sep-12 | 18.29      | H/T for work on bus reactor-2 at Tiroda end.                                         |
| 400KV   | New Koyna - Koyna Stage IV - II        | 26-Sep-12 | 03.06     | 26-Sep-12 | 07.38      | Tripped on Over Voltage.D.T received.                                                |
| 400KV   | New Koyna - StageIV - I                | 26-Sep-12 | 02.46     | 27-Sep-12 | 07.08      | Auto reclose lock out.Tripped from Stg.IV end only.(Ready for charging at 21.00 Hrs. |
| 400KV   | 400/220KV 315 MVA ICT III at Bhusawal  | 26-Sep-12 | 08.25     | 26-Sep-12 | 11.43      | Taken on TBC.                                                                        |
| 400KV   | 400/220KV 315MVA ICT- I @ Chandrapur   | 26-Sep-12 | 09.21     | 26-Sep-12 | 19.49      | Maint.of cap. and CT tan delta.                                                      |
| 400KV   | Solapur-Solapur(PGCIL)                 | 26-Sep-12 | 10.08     | 26-Sep-12 | 18.29      | Replacement of broken insulator.                                                     |
| 400KV   | Karad - Kolhapur - II                  | 26-Sep-12 | 16.16     | 28-Sep-12 | 08.51      | Over Voltage.                                                                        |
| 400KV   | 400/220 KV315 MVA ICT-I @ BBLR         | 27-Sep-12 | 09.39     | 27-Sep-12 | 13.38      | Hot Spot,LV Side R Ph.Bushing.                                                       |
| 400KV   | Kolhapur-Solapur(PGCIL)-I              | 27-Sep-12 | 01.06     | 27-Sep-12 | 09.28      | Over Voltage.                                                                        |
| 400KV   | Kolhapur - Mapusa - II                 | 27-Sep-12 | 16.10     |           | Continued. | Over Voltage.                                                                        |
| 400KV   | Kolhapur-Solapur(PGCIL)-I              | 27-Sep-12 | 23.48     |           | Continued. | Over Voltage.                                                                        |
| 400KV   | 400/220 KV 315MVA ICT- II @ Kolhapur   | 27-Sep-12 | 11.02     | 27-Sep-12 | 14.11      | Heavy Air Leakage in Air Valve.                                                      |
| 400KV   | New Koyna - Koyna Stage IV - II        | 28-Sep-12 | 01.52     | 28-Sep-12 | 08.21      | Over Voltage.                                                                        |
| 400KV   | New Koyna - Koyna Stage IV - II        | 28-Sep-12 | 21.39     | 29-Sep-12 | 08.41      | Over Voltage.                                                                        |
| 400KV   | Padgha - Nagothane- II                 | 28-Sep-12 | 13.35     | 29-Sep-12 | 10.21      | Attending Main Breaker Pressure Switch Problem(Taken on TBC).                        |
| 400KV   | 400/220KV 315MVA ICT-II @ Aurangabad.  | 28-Sep-12 | 13.10     | 28-Sep-12 | 17.15      | Oil Top Up in Main Conservator.                                                      |
| 400KV   | Karad - Kolhapur - I                   | 28-Sep-12 | 17.15     | 29-Sep-12 | 09.59      | Over Voltage.                                                                        |
| 400KV   | Karad - Solapur (PGCIL)                | 28-Sep-12 | 14.23     | 28-Sep-12 | 19.35      | Attending Hot Spot @ R Ph. 29A Bus Isolator.                                         |
| 400KV   | Deepnagar-Aurangabad-I                 | 29-Sep-12 | 11.31     |           | Continued. | Dist.Prot.,Ready for Charging from 20.58 Hrs.                                        |
| 400KV   | 400/220 KV 315 MVA ICT-III @ Padgha    | 29-Sep-12 | 09.46     |           | Continued. | B Ph.of A Bus PG Isolator (Taken on TBC for 2 Days).                                 |
| 400KV   | 400/ 21.75 KV 600 MVA GT IV @ Deepnag  | 29-Sep-12 | 11.15     | 29-Sep-12 | 16.15      | R.M.Work,Measurement of Tan Delta of C T                                             |
| 400KV   | Karad - Kolhapur - II                  | 29-Sep-12 | 16.50     | 30-Sep-12 | 09.34      | Over Voltage.                                                                        |
| 400KV   | New Koyna - Koyna Stage IV - II        | 30-Sep-12 | 03.00     | 30-Sep-12 | 08.55      | Over Voltage.                                                                        |
| 400KV   | New Koyna - Koyna Stage IV - II        | 30-Sep-12 | 17.03     |           | Continued. | Over Voltage.                                                                        |
| 400KV   | Karad - Kolhapur - II                  | 30-Sep-12 | 19.25     |           | Continued. | On O/V Due to Heavy Lightning @ Karad.                                               |
| 400KV   | Karad - Newkoyna - I                   | 30-Sep-12 | 19.25     | 30-Sep-12 | 19.39      | On O/V Due to Heavy Lightning @ Karad.                                               |
| 400KV   | Karad-Jaigad I                         | 30-Sep-12 | 19.25     |           | Continued. | Dist.Prot. R Ph. to Earth.                                                           |
| 400KV   | Karad - Solapur (PGCIL)                | 30-Sep-12 | 19.25     |           | Continued. | Over Voltage.                                                                        |
| 400KV   | Bhusawal- Aurangabad                   | 30-Sep-12 | 16.23     |           | Continued. | Over Voltage.(Repl.of insulator.opp.outage on 27.09.2012)                            |
| 400KV   | Karad - Kolhapur - I                   | 30-Sep-12 | 16.07     | 30-Sep-12 | 19.37      | Over Voltage.                                                                        |
| 400KV   | Padgha - Kalwa- I                      | 30-Sep-12 | 09.01     | 30-Sep-12 | 17.33      | Insulator Replacement Emergency Outage.                                              |
| 220KV   | 220/132 KV 150 MVA ICT-I @ Akola.      | 21-Aug-12 | 09.18     | 26-Sep-12 | 17.49      | Augmentation by 200MVA ICT(work up to 14/10/2012)                                    |

|       |                                       |           |       |           |            |                                                                               |
|-------|---------------------------------------|-----------|-------|-----------|------------|-------------------------------------------------------------------------------|
| 220KV | Padgha-Temghar I                      | 20-Sep-12 | 22.57 | 24-Sep-12 | 16.24      | Due to tripping of Padghe ICT-II.                                             |
| 220KV | Khaparkheda-Kawlewada-I               | 22-Sep-12 | 13.12 | 26-Sep-12 | 16.02      | Distance Protection Operated Z-I.                                             |
| 220KV | Halkarni-Tillary                      | 24-Sep-12 | 05.13 | 24-Sep-12 | 10.44      | Distance Protection.                                                          |
| 220KV | Pedambe - Oni                         | 24-Sep-12 | 10.05 | 24-Sep-12 | 14.55      | Q.M.Work                                                                      |
| 220KV | Lamboti - Pandharpur                  | 24-Sep-12 | 17.22 | 24-Sep-12 | 18.11      | Attending Hot Spot.                                                           |
| 220KV | Wardha Power - Warora-I               | 24-Sep-12 | 14.44 | 24-Sep-12 | 16.25      | To attend B-Ph PT Connector.                                                  |
| 220KV | 220/33 KV 100 MVA ICT - II @ Jamde    | 24-Sep-12 | 15.40 | 24-Sep-12 | 19.50      | Tan delta measurement.                                                        |
| 220KV | 220/33 KV 100 MVA ICT - I @ Jamde     | 24-Sep-12 | 09.16 | 24-Sep-12 | 15.35      | Tan delta measurement.                                                        |
| 220KV | Babaleshwar - Ranjangaon              | 24-Sep-12 | 14.40 | 24-Sep-12 | 15.57      | Outage on ICT-I at BBLR.                                                      |
| 220KV | Abhijeet - Wardha ckt - II            | 25-Sep-12 | 13.23 | 25-Sep-12 | 16.38      | Distance protection operated.                                                 |
| 220KV | Padgha - Temghar - II                 | 25-Sep-12 | 09.44 | 25-Sep-12 | 18.38      | Attend red hot.                                                               |
| 220KV | Nasik-Bablsr - I                      | 25-Sep-12 | 09.09 | 25-Sep-12 | 16.42      | Attend red hot.                                                               |
| 220KV | Mulund-Kalwa-II                       | 25-Sep-12 | 10.02 | 25-Sep-12 | 17.55      | Testing work.                                                                 |
| 220KV | 220/132.200 MVA T/F-I at Oglewadi.    | 25-Sep-12 | 11.45 | 25-Sep-12 | 16.50      | Testing work.                                                                 |
| 220KV | Main Bus-I at Koradi.                 | 25-Sep-12 | 12.20 | 27-Sep-12 | 17.56      | Testing work.                                                                 |
| 220KV | Bus Coupler @ Ghodbandar              | 25-Sep-12 | 16.00 | 25-Sep-12 | 17.01      | Gas Pressure low problem.                                                     |
| 220KV | 220/6.6kv Stn. T/F NO.IV @ KORADI     | 25-Sep-12 | 13.06 |           | Continued. | Testing work.                                                                 |
| 220KV | Khaparkheda-Ambazari - I              | 25-Sep-12 | 12.28 | 25-Sep-12 | 21.23      | Checking and arresting oil leakage of B ph.CT.                                |
| 220KV | 220/33KV,100MVA ICT-III at Jamde.     | 25-Sep-12 | 09.00 | 25-Sep-12 | 13.20      | Relay testing and jumper replacement work.                                    |
| 220KV | 220/33 KV 100 MVA ICT IV at Jamde     | 25-Sep-12 | 13.25 | 25-Sep-12 | 16.25      | Tan delta and CTR maintenance.                                                |
| 220KV | Padgha-Temghar I                      | 25-Sep-12 | 10.40 | 26-Sep-12 | 16.50      | To control Padgha ICT load.                                                   |
| 220KV | Padgha - Temghar - II                 | 25-Sep-12 | 19.34 | 26-Sep-12 | 17.01      | To control Padgha ICT load.                                                   |
| 220KV | Kalwa-Colourchem                      | 26-Sep-12 | 16.50 | 26-Sep-12 | 18.38      | Distance protection.                                                          |
| 220KV | 220/132,200 MVA ICT-2 AT Nasik GCR    | 26-Sep-12 | 09.07 | 26-Sep-12 | 17.00      | Attend red hot,P.M.Work                                                       |
| 220KV | Bus coupler at Kharghar               | 26-Sep-12 | 08.47 | 26-Sep-12 | 16.22      | Repl.of Twin Jumper of stub bus.                                              |
| 220KV | Kolhapur-Mudsingi -II                 | 26-Sep-12 | 10.47 | 26-Sep-12 | 14.23      | Q.M.Work                                                                      |
| 220KV | Akola - Balapur - II                  | 26-Sep-12 | 08.31 | 26-Sep-12 | 18.58      | Rectification work.                                                           |
| 220KV | Chandrapur MIDC-Gadhchandur-Matardevi | 26-Sep-12 | 10.25 | 26-Sep-12 | 17.49      | R.M.Work                                                                      |
| 220KV | Akola - Balapur - I                   | 26-Sep-12 | 08.31 | 26-Sep-12 | 18.58      | Rectification work.                                                           |
| 220KV | Hinganghat-Bhugaon                    | 26-Sep-12 | 11.44 | 26-Sep-12 | 13.59      | Attend red hot on B ph.wave trap.                                             |
| 220KV | Padgha-Temghar I                      | 26-Sep-12 | 18.57 | 27-Sep-12 | 14.28      | To control Padgha ICT load.                                                   |
| 220KV | Kalwa-Mulund-I                        | 27-Sep-12 | 05.40 | 27-Sep-12 | 10.26      | Cupling cap.burst at Mulund end.                                              |
| 220KV | Pedambe - Oni                         | 27-Sep-12 | 16.00 | 27-Sep-12 | 23.50      | Distance Protection R-E Fault(Declared Faulty).                               |
| 220KV | 220/132 KV,200MVA ICT-I at Nasik GCR  | 27-Sep-12 | 09.39 | 27-Sep-12 | 16.32      | Red Hot & Maint.Work.                                                         |
| 220KV | Babaleshwar - Alephata                | 27-Sep-12 | 09.32 | 27-Sep-12 | 13.46      | Outage on BBLR ICT-I.                                                         |
| 220KV | Akola - Balapur - I                   | 27-Sep-12 | 08.35 | 27-Sep-12 | 18.40      | Balance Rectification Work @ Both Ends.                                       |
| 220KV | Akola - Balapur - II                  | 27-Sep-12 | 08.37 | 27-Sep-12 | 18.40      | Balance Rectification Work @ Both Ends.                                       |
| 220KV | Yavatmal-Pusad                        | 27-Sep-12 | 10.08 | 27-Sep-12 | 19.05      | Replacement of Faulty Suspension Disc Insulator String of B Ph, @ Loc.no.209. |
| 220KV | Phursungi - Sirum                     | 27-Sep-12 | 23.00 | 28-Sep-12 | 02.18      | Insulator Replacement.                                                        |
| 220KV | Padgha-Temghar I                      | 27-Sep-12 | 09.35 | 30-Sep-12 | 08.10      | To Control Padgha ICT Loading.                                                |
| 220KV | Babaleshwar - Chalisgaon              | 27-Sep-12 | 15.02 |           | Continued. | To Relief Dhule ICT Loading.                                                  |
| 220KV | Wardha - Deoli (PGCIL)                | 27-Sep-12 | 19.23 |           | Continued. | Hand Tripped.                                                                 |
| 220KV | Khaparkheda-Kawlewada-II              | 27-Sep-12 | 08.27 | 27-Sep-12 | 17.20      | Emergency Uutage to Replace Damaged Dead End of Y Ph.Loc.140 Cut Pt.          |
| 220KV | Gadchandur-Virur-I                    | 27-Sep-12 | 10.25 | 27-Sep-12 | 15.01      | Emergency Outage Due to Breaker Lockout.                                      |
| 220KV | Parli Ext.-Nanded                     | 28-Sep-12 | 11.30 | 28-Sep-12 | 11.58      | SOTF.                                                                         |
| 220KV | Kolhapur-Sawantwadi                   | 28-Sep-12 | 14.20 | 28-Sep-12 | 18.40      | Dist.Protection.                                                              |
| 220KV | Parli Ext.-Nanded                     | 28-Sep-12 | 13.20 | 28-Sep-12 | 14.07      | Dist.Prot.Operated Z-I B Ph Sotf@Nanded.                                      |
| 220KV | Kalwa - Siemens                       | 28-Sep-12 | 08.45 | 28-Sep-12 | 12.45      | Maint.& Gas Pressure Monitor Fitting Work.                                    |
| 220KV | Nasik - Airoli - Knowledge Park       | 28-Sep-12 | 09.30 | 28-Sep-12 | 17.08      | Red Hot.                                                                      |
| 220KV | Bus Coupler @ Ghodbandar              | 28-Sep-12 | 09.13 | 28-Sep-12 | 15.55      | SF6 Gas Leakage.                                                              |

|       |                                    |           |       |           |            |                                                                                              |
|-------|------------------------------------|-----------|-------|-----------|------------|----------------------------------------------------------------------------------------------|
| 220KV | Akola - Balapur - I                | 28-Sep-12 | 07.50 | 28-Sep-12 | 18.33      | Balance Rectification Work.                                                                  |
| 220KV | Nivali-Pawas                       | 28-Sep-12 | 12.07 | 28-Sep-12 | 13.40      | Red Hot Spot on Y Ph.Wave Trap Bottom Side Jumper.                                           |
| 220KV | Kharepatan-Pawas                   | 28-Sep-12 | 13.49 | 28-Sep-12 | 16.34      | Red Hot Spot on B Ph.C B Bus Side Jumper.                                                    |
| 220KV | Nasik-Navsari-I                    | 28-Sep-12 | 09.14 | 28-Sep-12 | 18.09      | Hot Spot & Line Maint.                                                                       |
| 220KV | Akola - Balapur - II               | 28-Sep-12 | 07.51 | 28-Sep-12 | 18.34      | Balance Rectification Work.                                                                  |
| 220KV | Bhenda-Waluj                       | 28-Sep-12 | 11.58 | 28-Sep-12 | 17.25      | To Control 400KV A'Bad ICT Loading.                                                          |
| 220KV | 220/100KV 200 MVA ICT- II @ Padgha | 28-Sep-12 | 11.48 | 28-Sep-12 | 15.40      | Red Spot on B Ph.Bushing.                                                                    |
| 220KV | Pedambe - Oni                      | 29-Sep-12 | 12.00 | 29-Sep-12 | 12.34      | Backup Protection Operated @ Kharepatan End.                                                 |
| 220KV | Oni - Kharepatan                   | 29-Sep-12 | 12.00 | 29-Sep-12 | 12.20      | Backup Protection Operated @ Kharepatan End.                                                 |
| 220KV | Kalwa-Trombay                      | 29-Sep-12 | 12.39 | 29-Sep-12 | 15.04      | Distance Protection.                                                                         |
| 220KV | Oni - Kharepatan                   | 29-Sep-12 | 15.26 | 30-Sep-12 | 05.14      | Distance Protection.                                                                         |
| 220KV | BombayDyeing - Sahara              | 29-Sep-12 | 13.55 | 29-Sep-12 | 14.17      | Repl.of 63X Contractor.                                                                      |
| 220KV | Kalwa-Trombay                      | 30-Sep-12 | 10.50 | 30-Sep-12 | 12.54      | Dist.Prot. B Ph. Z- I Fault Current 11.69 KA.7.9 KM From Kalwa End 71.11 KM From Trombay Enc |
| 220KV | Nivali-N'koyna                     | 30-Sep-12 | 13.21 | 30-Sep-12 | 13.49      | Distance Protection.                                                                         |
| 220KV | Pedambe - Tambati                  | 30-Sep-12 | 13.45 | 30-Sep-12 | 14.21      | Distance Protection Zone - I.                                                                |
| 220KV | Tilawani-Miraj                     | 30-Sep-12 | 21.23 | 1-Oct-12  | 01.10      | Distance Protection.                                                                         |
| 220KV | Mudshingi - Chikodi                | 30-Sep-12 | 19.40 |           | Continued. | Distance Protection.                                                                         |
| 220KV | Satara,MIDC-Wankuswadi 2           | 30-Sep-12 | 21.50 |           | Continued. | Distance Protection.                                                                         |
| 220KV | Aarey - Borivali                   | 30-Sep-12 | 10.28 | 30-Sep-12 | 12.46      | Hot Spot.                                                                                    |
| 132KV | Kalmeshwar-Saoner                  | 23-Sep-12 | 16.13 | 24-Sep-12 | 10.58      | Distance Protection Operated Z-I Y Ph,Conductor Snapped.                                     |
| 132KV | Bhusawal - Suprim                  | 24-Sep-12 | 15.53 | 24-Sep-12 | 17.40      | Disconnection of synchronising PT.                                                           |
| 132KV | Kalmeshwar-Saoner Ckt.II           | 25-Sep-12 | 18.52 | 26-Sep-12 | 08.47      | Distance protection operated.                                                                |
| 132KV | Peth-Shiral                        | 27-Sep-12 | 02.05 | 27-Sep-12 | 08.20      | Distance protection.                                                                         |
| 132KV | Amravati - Tiwsa                   | 27-Sep-12 | 06.10 | 27-Sep-12 | 06.20      | Dist.Prot.Operated Z-I Y Ph.                                                                 |
| 132KV | Giravali-Gangakhed                 | 27-Sep-12 | 18.48 | 28-Sep-12 | 17.30      | B Ph.Conductor Snapped Bet.Loc.8 & 9.                                                        |
| 132KV | Ozar - Dandori                     | 28-Sep-12 | 13.28 | 28-Sep-12 | 16.45      | Dist.Protection.                                                                             |
| 132KV | Boisar-MIDC                        | 28-Sep-12 | 07.57 | 28-Sep-12 | 09.29      | Hot Spot.                                                                                    |
| 132KV | Boiser - Viraj                     | 28-Sep-12 | 09.43 | 28-Sep-12 | 19.11      | Replacement of Conductor.                                                                    |
| 132KV | Bhusawal - Muktainagar             | 29-Sep-12 | 12.48 | 29-Sep-12 | 13.21      | Dist.Prot.Operated Z-I B ph.                                                                 |
| 132KV | 132/33 KV 50 MVA T/F - I @ Waluj   | 29-Sep-12 | 21.25 | 29-Sep-12 | 21.32      | Due Non Tripping of 33KV Chhaoni Ckt.                                                        |
| 132KV | 132/33 KV 50 MVA T/F - II @ Waluj  | 29-Sep-12 | 21.25 | 29-Sep-12 | 21.32      | Due Non Tripping of 33KV Chhaoni Ckt.                                                        |
| 132KV | Bhandara-Ambhora                   | 30-Sep-12 | 20.45 | 30-Sep-12 | 22.10      | At Ambora R Ph. Coupling Condenser Burst.                                                    |
| 132KV | Pusad-Umarkhed                     | 30-Sep-12 | 16.59 | 30-Sep-12 | 17.07      | Dist.Prot.Operated Z-I R Ph.                                                                 |
| 100KV | Kalwa - Kalyan                     | 25-Sep-12 | 18.04 | 25-Sep-12 | 18.11      | Dist.protection                                                                              |
| 100KV | Kalwa - Kalyan                     | 26-Sep-12 | 18.04 | 26-Sep-12 | 18.11      | Distance protection.B ph.                                                                    |