



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**30/Sep/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 30/Sep/2013 MONDAY**

| <b>I GENERATION (MUs)</b> |                |                 | <b>II EXCHANGES (MUs)</b>      |                |                 |
|---------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| <b>A) MSGENCO</b>         | <b>Daily</b>   | <b>Monthly</b>  | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>  |
| 1) Thermal                | 88.109         | 2770.625        | 1) Gujrat                      | 10.726         | 248.065         |
| 2) Hydro                  | 13.195         | 391.300         | 2) Madhya Pradesh              | 21.662         | 573.770         |
| 3) Gas                    | 13.398         | 318.321         | 3) Chattisgarh                 | 10.370         | 295.040         |
| <b>Total MSGENCO</b>      | <b>114.702</b> | <b>3480.246</b> | 4) Maharashtra                 | 63.967         | 1909.232        |
| <b>B) 1) JSW JAIGAD</b>   | 19.855         | 613.378         | 5) Goa                         | -4.731         | -156.940        |
| 2) WPCL                   | 7.704          | 223.850         | 6) TAPS 1&2 Injection          | 7.358          | 221.367         |
| 3) ADANI                  | 16.430         | 762.780         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 4) Other CPP / IPP        | 13.558         | 370.505         | 8) Pench (Excess)              | -1.134         | -21.480         |
| 5) Wind Generation        | 15.614         | 321.741         | <b># Total Cent. Sector</b>    | <b>108.218</b> | <b>3069.054</b> |
| 6) PENCH (MS)             | 1.134          | 21.480          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -23.580        | -600.746        |
| 1) TPCL Thermal           | 19.942         | 566.042         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 3.028          | 127.385         | 1) MSEDCL Bilateral            | 12.070         | 386.124         |
| <b>TOTAL TPCL</b>         | <b>22.970</b>  | <b>693.427</b>  | Include PX                     | 0.016          | 11.333          |
| 3) REL Thermal            | 11.579         | 361.828         | 2) MUMBAI Bilateral            | 16.062         | 536.291         |
| <b>D) STATE</b>           |                |                 | Include PX                     | 1.512          | 131.945         |
| 1) Thermal (A1+C1+C3)     | 119.630        | 3698.495        | 3) MUMBAI Schedule             | 16.062         | 537.171         |
| 2) Hydro (A2+B5+C2)       | 17.357         | 540.165         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 13.398         | 318.321         | 1) MSEDCL                      | 273.635        | 8262.288        |
| 4) Wind (B4)              | 15.614         | 321.741         | 2) TPCL                        | 37.868         | 1073.323        |
| 5) CPP (B1+B2+B3)         | 57.547         | 1224.163        | 3) REL                         | 20.261         | 582.699         |
| <b>TOTAL STATE</b>        | <b>223.546</b> | <b>6102.885</b> | <b>TOTAL STATE</b>             | <b>331.764</b> | <b>9918.310</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 3465                             | 3627                             | 3598                             |
| MSGENCO Hydro                   | 721                              | 808                              | 119                              |
| MSGENCO Gas                     | 582                              | 576                              | 551                              |
| <b>MSGENCO Total Generation</b> | <b>4768</b>                      | <b>5011</b>                      | <b>4268</b>                      |
| <b>Central Sector Receipt</b>   | <b>5260</b>                      | <b>4655</b>                      | <b>3716</b>                      |
| <b>WIND</b>                     | <b>589</b>                       | <b>1185</b>                      | <b>648</b>                       |
| <b>CPP / IPP</b>                | <b>2396</b>                      | <b>2364</b>                      | <b>2397</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-1170</b>                     | <b>-1268</b>                     | <b>-592</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>11896</b>                     | <b>11994</b>                     | <b>10487</b>                     |
| <b>Load Shedding</b>            | <b>455</b>                       | <b>243</b>                       | <b>113</b>                       |
| <b>MSEDCL DEMAND</b>            | <b>12351</b>                     | <b>12237</b>                     | <b>10600</b>                     |
| <b>TPCL GENERATION</b>          | <b>1298</b>                      | <b>1107</b>                      | <b>624</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>520</b>                       | <b>518</b>                       | <b>408</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2988</b>                      | <b>2893</b>                      | <b>1624</b>                      |
| <b>STATE DEMAND MET</b>         | <b>14884</b>                     | <b>14887</b>                     | <b>12111</b>                     |
| <b>STATE DEMAND</b>             | <b>15339</b>                     | <b>15130</b>                     | <b>12224</b>                     |
| <b>Frequency (Hz)</b>           | <b>50.01</b>                     | <b>49.99</b>                     | <b>50.15</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.39 Hz at 04:43 Hrs</b> | <b>49.62 Hz at 18:21 Hrs</b> | <b>50.05</b>         | <b>0 % of Time(min)</b>    |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 30/Sep/2013

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 49.59         | 0        | 0        | 0        |
| Unit 6           | 0.06        | 58.15         | 40       | 0        | 0        |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 0.06        | 107.74        |          |          | 0        |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.18        | 63.37         | 150      | 110      | 125      |
| Unit 3           | 3.04        | 98.96         | 150      | 110      | 125      |
| Unit 4           | 5.83        | 190.53        | 280      | 210      | 250      |
| Unit 5           | 5.28        | 158.19        | 270      | 190      | 0        |
| Total            | 17.34       | 511.04        |          |          | 500      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 2.69        | 97.40         | 146      | 0        | 130      |
| Unit 5           | 3.22        | 24.42         | 166      | 0        | 150      |
| Unit 6           | 4.75        | 132.63        | 223      | 164      | 180      |
| Unit 7           | 4.58        | 130.50        | 214      | 139      | 180      |
| Total            | 15.24       | 384.94        |          |          | 640      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.06        | 76.39         | 140      | 105      | 125      |
| Unit 2           | 3.08        | 81.45         | 150      | 99       | 120      |
| Unit 3           | 3.00        | 83.44         | 150      | 91       | 150      |
| Unit 4           | 0.18        | 104.76        | 105      | 0        | 0        |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 7.45        | 217.64        | 340      | 265      | 325      |
| Unit 7           | 7.46        | 226.56        | 338      | 278      | 325      |
| Total            | 24.22       | 790.24        |          |          | 1045     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.23        | 132.19        | 213      | 128      | 230      |
| Unit 4           | 4.37        | 128.81        | 216      | 137      | 230      |
| Total            | 8.60        | 260.99        |          |          | 460      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 2.88        | 101.28        | 140      | 80       | 180      |
| Unit 2           | 2.42        | 54.24         | 145      | 45       | 160      |
| Unit 3           | 0.74        | 102.50        | 129      | 0        | 190      |
| Unit 4           | 3.79        | 109.99        | 195      | 120      | 190      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 9.83        | 368.02        |          |          | 720      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.28        | 109.62        | 195      | 170      | 190      |
| Unit 4           | 4.27        | 113.63        | 191      | 167      | 190      |
| Unit 5           | 4.28        | 124.39        | 190      | 160      | 190      |
| Total            | 12.82       | 347.64        |          |          | 570      |
| Uran             |             |               |          |          |          |
| All Units        | 13.40       | 318.32        | 591      | 425      | 540      |
| Total            | 13.40       | 318.32        |          |          | 540      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 1.13        | 21.48         | 53       | 23       | 0        |
| Total            | 1.13        | 21.48         |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 3.80        | 107.58        | 455      | 40       | 600      |
| Stage 4          | 3.58        | 145.25        | 500      | 0        | 250      |
| Stage 3          | 1.95        | 59.80         | 160      | 0        | 240      |
| Kovna 12&4 Total | 7.38        | 252.84        |          |          | 850      |

| Generating unit  | Generation   |                |          |          | OLC (MW)    |
|------------------|--------------|----------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus)  | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>9.33</b>  | <b>312.63</b>  |          |          | <b>1090</b> |
| <b>Hydro</b>     |              |                |          |          |             |
| KDPH             | 0.00         | 4.70           | 0        | 0        | 0           |
| VTRNA            | 0.51         | 6.82           | 61       | 0        | 60          |
| TILLARI          | 0.49         | 7.99           | 60       | 0        | 60          |
| BHTGR/VEER       | 0.00         | 2.64           | 0        | 0        | 0           |
| BHIRA T.R.       | 0.18         | 10.96          | 41       | 0        | 40          |
| RNGR+BHTSA       | 0.42         | 9.12           | 18       | 17       | 15          |
| BHANDARDRA       | 0.49         | 9.20           | 32       | 14       | 10          |
| ELDARY           | 0.00         | 0.00           | 0        | 0        | 0           |
| SMLHY PTN        | 0.97         | 12.52          | 41       | 40       | 5           |
| GHATGHAR         | 0.81         | 14.72          | 125      | 0        | 0           |
| <b>Total</b>     | <b>3.87</b>  | <b>78.67</b>   |          |          | <b>190</b>  |
| <b>Wind</b>      |              |                |          |          |             |
| MalharPeth       | 0.58         | 10.61          |          |          |             |
| Vankuswadi       | 1.24         | 18.71          |          |          |             |
| ATIT             | 0.13         | 3.26           |          |          |             |
| Kale             | 0.36         | 7.20           |          |          |             |
| Satara           | 4.37         | 83.01          |          |          |             |
| Shirala          | 0.35         | 6.46           |          |          |             |
| K Mahankal       | 0.04         | 2.14           |          |          |             |
| Supa             | 0.16         | 5.36           |          |          |             |
| Vita             | 1.61         | 38.30          |          |          |             |
| Dondaicha        | 4.38         | 93.55          |          |          |             |
| Sakri            | 0.79         | 14.51          |          |          |             |
| Nandurbar        | 0.36         | 8.20           |          |          |             |
| Khandke          | 0.48         | 17.03          |          |          |             |
| Khaparale        | 0.76         | 13.41          |          |          |             |
| <b>Total</b>     | <b>15.61</b> | <b>321.74</b>  |          |          |             |
| <b>CPP</b>       |              |                |          |          |             |
| JSW JAIGAD       | 19.86        | 613.38         | 860      | 764      | 778         |
| WARDHA           | 7.70         | 223.85         | 326      | 300      | 325         |
| Adani            | 16.43        | 762.78         | 980      | 560      | 1234        |
| Other CPPs       | 13.56        | 370.50         |          |          | 400         |
| <b>Total</b>     | <b>57.55</b> | <b>1970.51</b> |          |          | <b>2737</b> |
| <b>Tata</b>      |              |                |          |          |             |
| Trombay 4        | 0.00         | 0.00           | 0        | 0        | 0           |
| Trombay 5        | 10.40        | 326.70         | 502      | 314      | 500         |
| Trombay 6        | 0.00         | 0.00           | 0        | 0        | 0           |
| Trombay 7A       | 2.57         | 51.87          | 130      | 72       | 120         |
| Trombay 7B       | 1.55         | 22.61          | 72       | 53       | 60          |
| Trombay 8        | 5.42         | 164.86         | 252      | 178      | 250         |
| TATA Hydro       | 3.03         | 127.38         | 435      | 0        | 447         |
| <b>Total</b>     | <b>22.97</b> | <b>693.43</b>  |          |          | <b>1377</b> |
| <b>REL</b>       |              |                |          |          |             |
| 1&2              | 11.58        | 361.83         | 522      | 407      | 500         |
| <b>Total</b>     | <b>11.58</b> | <b>361.83</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |                |          |          |             |
| Share            |              |                |          |          | 4541        |
| <b>Total</b>     |              |                |          |          | <b>4541</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 88.11         | 2770.62        |  |  | 3935         |
|                    | Thml+Gas     | 101.51        | 3088.95        |  |  | 4475         |
|                    | Hydro        | 13.20         | 391.30         |  |  | 1280         |
|                    | <b>Total</b> | <b>114.70</b> | <b>3480.25</b> |  |  | <b>5755</b>  |
| <b>State Total</b> |              | <b>223.55</b> | <b>6102.88</b> |  |  | <b>14910</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 30/Sep/2013

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL  | WIND  | CPP /<br>IPP | CS<br>SHARE | CS<br>RECPT | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | LOAD<br>SHEDDI<br>NG | MSEDCL<br>DEMAND<br>WITH LS | TPCL + R<br>-INFRA<br>DEMAND | STATE<br>DEMAND | FREQ.<br>(Hz) |
|--------------------|-------------|-------|-------|--------|-------|--------------|-------------|-------------|--------------|----------------------|-------------------------|----------------------|-----------------------------|------------------------------|-----------------|---------------|
|                    | THM         | HY    | GAS   |        |       |              |             |             |              |                      |                         |                      |                             |                              |                 |               |
| 1                  | 3806        | 114   | 425   | 4345   | 681   | 2517         | 3678        | 3787        | -548         | -894                 | 10486                   | 112                  | 10598                       | 1951                         | 12549           | 50.11         |
| 2                  | 3691        | 114   | 462   | 4267   | 717   | 2476         | 3554        | 3830        | -497         | -741                 | 10599                   | 109                  | 10708                       | 1778                         | 12486           | 50.08         |
| 3                  | 3606        | 119   | 481   | 4206   | 658   | 2497         | 3217        | 3754        | -439         | -639                 | 10526                   | 109                  | 10635                       | 1676                         | 12311           | 50.06         |
| 4                  | 3598        | 119   | 551   | 4268   | 648   | 2397         | 3193        | 3716        | -415         | -592                 | 10487                   | 113                  | 10600                       | 1624                         | 12224           | 50.15         |
| 5                  | 3609        | 114   | 583   | 4306   | 669   | 2441         | 3341        | 3989        | -421         | -585                 | 10870                   | 136                  | 11006                       | 1624                         | 12630           | 50.22         |
| 6                  | 3698        | 114   | 590   | 4402   | 681   | 2440         | 3772        | 4596        | -435         | -690                 | 11479                   | 288                  | 11767                       | 1724                         | 13491           | 50.11         |
| 7                  | 3641        | 226   | 591   | 4458   | 682   | 2464         | 4066        | 4860        | -511         | -845                 | 11666                   | 575                  | 12241                       | 1883                         | 14124           | 50.08         |
| 8                  | 3690        | 683   | 591   | 4964   | 596   | 2577         | 4145        | 4725        | -560         | -994                 | 11915                   | 590                  | 12505                       | 2049                         | 14554           | 50.12         |
| 9                  | 3752        | 635   | 590   | 4977   | 660   | 2307         | 4309        | 4679        | -670         | -987                 | 11688                   | 549                  | 12237                       | 2343                         | 14580           | 49.98         |
| 10                 | 3747        | 605   | 588   | 4940   | 582   | 2368         | 4480        | 4856        | -793         | -1181                | 11615                   | 428                  | 12043                       | 2668                         | 14711           | 50.08         |
| 11                 | 3734        | 453   | 583   | 4770   | 616   | 2354         | 4462        | 5300        | -778         | -1188                | 11900                   | 338                  | 12238                       | 2894                         | 15132           | 50.08         |
| 12                 | 3465        | 721   | 582   | 4768   | 589   | 2396         | 4533        | 5260        | -853         | -1170                | 11896                   | 455                  | 12351                       | 2988                         | 15339           | 50.01         |
| 13                 | 3321        | 1060  | 576   | 4957   | 472   | 2391         | 4528        | 4971        | -847         | -1220                | 11594                   | 578                  | 12172                       | 2994                         | 15166           | 50.00         |
| 14                 | 3454        | 856   | 578   | 4888   | 487   | 2379         | 4478        | 4943        | -798         | -1222                | 11500                   | 502                  | 12002                       | 2891                         | 14893           | 50.02         |
| 15                 | 3593        | 751   | 572   | 4916   | 525   | 2391         | 4496        | 4685        | -816         | -1205                | 11358                   | 367                  | 11725                       | 2930                         | 14655           | 50.01         |
| 16                 | 3701        | 851   | 576   | 5128   | 665   | 2402         | 4496        | 4741        | -818         | -1233                | 11750                   | 253                  | 12003                       | 2911                         | 14914           | 50.01         |
| 17                 | 3627        | 808   | 576   | 5011   | 1185  | 2364         | 4367        | 4655        | -808         | -1268                | 11994                   | 243                  | 12237                       | 2893                         | 15130           | 49.99         |
| 18                 | 3752        | 519   | 579   | 4850   | 651   | 2348         | 4033        | 4123        | -786         | -1295                | 10724                   | 329                  | 11053                       | 2821                         | 13874           | 49.95         |
| 19                 | 3727        | 691   | 581   | 4999   | 776   | 2341         | 4185        | 4418        | -766         | -1004                | 11580                   | 324                  | 11904                       | 2820                         | 14724           | 49.91         |
| 20                 | 3769        | 832   | 590   | 5191   | 727   | 2344         | 4216        | 4312        | -778         | -912                 | 11714                   | 482                  | 12196                       | 2811                         | 15007           | 50.02         |
| 21                 | 3849        | 581   | 590   | 5020   | 645   | 2353         | 4199        | 4766        | -801         | -977                 | 11857                   | 333                  | 12190                       | 2676                         | 14866           | 50.07         |
| 22                 | 3819        | 959   | 528   | 5306   | 533   | 2316         | 4147        | 4506        | -674         | -933                 | 11778                   | 242                  | 12020                       | 2524                         | 14544           | 50.06         |
| 23                 | 3685        | 783   | 518   | 4986   | 604   | 2351         | 4134        | 4551        | -662         | -953                 | 11589                   | 138                  | 11727                       | 2392                         | 14119           | 50.08         |
| 24                 | 3775        | 487   | 517   | 4779   | 565   | 2333         | 4010        | 4195        | -590         | -852                 | 11070                   | 115                  | 11185                       | 2264                         | 13449           | 50.05         |
| MUs                | 88.11       | 13.20 | 13.40 | 114.70 | 15.61 | 57.55        | 98.04       | 108.22      | -16.06       | -23.58               | 273.64                  | 7.71                 | 281.34                      | 58.13                        | 339.47          | 50.05         |

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 30/Sep/2013**

Position as on 6.30 Hrs of 01/Oct/2013

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage              | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                               |               |
| Parli Unit 3            | 210      | 13/02/2013   | 23.50        |            | Continued. | Water Shortage                |               |
| Koyna Unit 11           | 80       | 04/06/2013   | 13.25        |            | Continued. | Rotar Fault.                  |               |
| Chandrapur Unit 5       | 500      | 14/07/2013   | 00.01        |            | Continued. | Annual Overhaul               |               |
| Koradi Unit 7           | 210      | 09/08/2013   | 07.22        |            | Continued. | Annual Overhaul               |               |
| Khaparkheda Unit 5      | 500      | 26/08/2013   | 21.37        |            | Continued. | Annual Overhaul               |               |
| Cent_Sect TARAPUR-4     | 540      | 07/09/2013   | 01.17        |            | Continued. | Maintenance Work.             |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                               |               |
| Dabhol 3B               | 230      | 28/05/2013   | 21.58        |            | Continued. | Gas shortage.                 |               |
| Dabhol 1B               | 230      | 28/05/2013   | 22.02        |            | Continued. | Gas shortage.                 |               |
| Dabhol 3A               | 230      | 06/06/2013   | 08.28        |            | Continued. | Gas Shortage                  |               |
| Dabhol 3X               | 290      | 06/06/2013   | 08.28        |            | Continued. | Gas Shortage                  |               |
| Dabhol 2A               | 230      | 06/06/2013   | 09.10        |            | Continued. | Gas Shortage                  |               |
| Dabhol 1X               | 290      | 27/06/2013   | 21.46        |            | Continued. | Gas Shortage                  |               |
| Dabhol 1A               | 230      | 27/06/2013   | 21.47        |            | Continued. | Gas Shortage                  |               |
| Dabhol 2X               | 290      | 15/07/2013   | 15.09        |            | Continued. | Gas Shortage                  |               |
| Tata Trombay 6          | 500      | 19/07/2013   | 23.54        |            | Continued. | Economic shut down.           |               |
| Dabhol 2B               | 230      | 08/08/2013   | 15.03        |            | Continued. | Gas Shortage                  |               |
| CPP JSW (J) U2          | 300      | 07/09/2013   | 00.01        |            | Continued. | Withdrawn due to no schedule. |               |
| CPP Adani U1            | 660      | 10/09/2013   | 07.30        |            | Continued. | Boiler Tube Leakage           |               |
| CPP WPCL U-3            | 135      | 16/09/2013   | 21.19        |            | Continued. | ESP Bag filter repl.          |               |
| Koradi Unit 6           | 210      | 27/09/2013   | 00.20        | 30/09/2013 | 22.27      | Air Heater Jam                |               |
| Koradi Unit 5           | 200      | 29/09/2013   | 01:27        |            | Continued. | ID Fan Problem.               |               |
| Uran Unit 5             | 108      | 29/09/2013   | 13.10        | 30/09/2013 | 00.53      | Gas Shortage.                 |               |
| Chandrapur Unit 4       | 210      | 30/09/2013   | 01.40        |            | Continued. | BLR T/L.                      |               |
| Khaparkheda Unit 3      | 210      | 30/09/2013   | 06.14        |            | Continued. | BLR T/L.                      |               |
| Koyna Unit 6            | 75       | 30/09/2013   | 07.05        |            | Continued. | Injector Prob.10days Outage.  | 10/10/2013    |
| CPP Adani U-2           | 660      | 30/09/2013   | 07.38        |            | Continued. | Flame Failure.                |               |
| Parli Unit 5            | 210      | 30/09/2013   | 11.24        | 30/09/2013 | 13.45      | Gen.Prot.Optd.                |               |
| Parli Unit 4            | 210      | 30/09/2013   | 11.30        | 30/09/2013 | 14.27      | Gen.Prot.Optd.                |               |
| Bhusawal Unit 4         | 500      | 01/10/2013   | 03.52        |            | Continued. | STN T/F 4B,B-Ph CT Burst.     |               |
| Bhusawal Unit 5         | 500      | 01/10/2013   | 03.52        |            | Continued. | STN T/F 4B,B-Ph CT Burst.     |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 30/Sep/2013**

Position as on 6.30 Hrs of 01/Oct/2013

| Name of Line                            | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                            |
|-----------------------------------------|--------------|--------------|-----------------------------------|--------------------|-------------------------------------------------------------|
| <b>InterState</b>                       |              |              |                                   |                    |                                                             |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                             |
| Dhule-Sar'Sarovar - I                   | 22/09/2013   | 15.23        |                                   | Continued.         | Over Voltage.                                               |
| Kolhapur - Mapusa - I                   | 28/09/2013   | 18:01        |                                   | Continued.         | Over Voltage.                                               |
| Solapur - Solapur (PG)                  | 29/09/2013   | 20.53        | 30/09/2013                        | 06.22              | Over Voltage.                                               |
| Solapur-Solapur(PGCIL)                  | 30/09/2013   | 21.45        |                                   | Continued.         | Over Voltage.                                               |
| Akola - Wardha - I                      | 30/09/2013   | 23.53        | 01/10/2013                        | 06.30              | To control O/V.                                             |
| Akola - Aurangabad - I                  | 01/10/2013   | 00.46        | 01/10/2013                        | 06.50              | To control O/V.                                             |
| <b>Voltage Level : 500KV</b>            |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                             |
| 765KV Wardha-Senoi-II (PGCIL)           | 20/08/2013   | 20:30        |                                   | Continued.         | Over Voltage.                                               |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                             |
| Parli - Solapur (PGCIL) - I             | 18/09/2013   | 17.01        |                                   | Continued.         | Over Voltage                                                |
| Kolhapur-Solapur(PGCIL)-I               | 18/09/2013   | 17.01        |                                   | Continued.         | Over Voltage                                                |
| Kolhapur-Solapur (PG) II                | 20/09/2013   | 17.08        |                                   | Continued.         | Due to Heavy Rains,7 No's of Towers are Damaged.            |
| Karad - Solapur (PGCIL)                 | 29/09/2013   | 23.41        | 30/09/2013                        | 06.01              | Over Voltage.                                               |
| <b>IntraState</b>                       |              |              |                                   |                    |                                                             |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                             |
| Dabhol - New Koyna - I                  | 26/09/2013   | 18.50        |                                   | Continued.         | Chattering Noise at Loc.No.47                               |
| 50 MVAR Reactor on 400 KV Bhusawal - II | 30/09/2013   | 12.55        |                                   | Continued.         | Complete Overhauling and testing work.                      |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                             |
| Chandrapur MIDC-Gadhchandur-Matardevi   | 30/09/2013   | 09.12        | 30/09/2013                        | 16.41              | Measurement of tan delta of CT,measurement of BKR timings.  |
| M'Peth -Vankuswade                      | 30/09/2013   | 09.25        | 30/09/2013                        | 18.02              | Repl.of old disc insulator.                                 |
| 220/100 KV,200 MVA ICT-I @ Apta         | 30/09/2013   | 09.30        |                                   | Continued.         | LV CB Repl work,under Jica-II (Outage for 2Days.)           |
| 220/132KV 200 MVA ICT-I @ Amravati      | 30/09/2013   | 10.55        | 30/09/2013                        | 15.49              | Attending oil leakage,and tan delta measurement,BKR Timing. |
| 220/66KV 50 MVA ICT- I @ Wardha.        | 30/09/2013   | 11.02        | 30/09/2013                        | 20.09              | Fixing of WTI and OTI meters.                               |
| Uran - JNPT                             | 30/09/2013   | 11.17        | 30/09/2013                        | 18.48              | Daignostic test,Bay miant.                                  |
| 220/132KV 200MVA ICT-I at Chikhali      | 30/09/2013   | 13.32        | 30/09/2013                        | 18.55              | R.M.Work and measurement of tan delta of ICT bushing.       |
| Babaleshwar - Nagar - I                 | 30/09/2013   | 14.08        | 30/09/2013                        | 14.50              | To detect DC leakage at Blsr end.                           |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                             |
| 400/220 KV 100 MVA Spare Unit @ Koradi  | 12/07/2012   | 07.11        |                                   | Continued.         | Main Buchholz prot.operated                                 |
| Bhusawal- Aurangabad                    | 03/09/2013   | 08.40        |                                   | Continued.         | Over Voltage.                                               |
| Deepnagar-Aurangabad-I                  | 07/09/2013   | 22.56        |                                   | Continued.         | Over Voltage.                                               |
| Karad-New Koyna II                      | 26/09/2013   | 23.50        |                                   | Continued.         | Over Voltage                                                |
| Khadka - Deepnagar - I                  | 27/09/2013   | 12.15        | 01/10/2013                        | 06.23              | Over Voltage.(Ready for Charging from 00.51 dt 28.9.13)     |
| Dabhol-Nagothane - II                   | 28/09/2013   | 21:34        |                                   | Continued.         | Over Voltage.                                               |
| Lonikand- Koyna Stage IV                | 29/09/2013   | 23.55        | 30/09/2013                        | 07.45              | Over Voltage.                                               |
| Warora - Tiroda - II                    | 30/09/2013   | 07.44        |                                   | Continued.         | APML U-2 tripped.                                           |
| Lonikand- Koyna Stage IV                | 01/10/2013   | 00.28        |                                   | Continued.         | Over Voltage.                                               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 30/Sep/2013**

Position as on 6.30 Hrs of 01/Oct/2013

| Name of Line                            | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                                             |
|-----------------------------------------|--------------|--------------|---------------------------------|--------------------|------------------------------------------------------------------------------|
| Bhusawal - Deepnagar - II               | 01/10/2013   | 06.25        |                                 | Continued.         | Over Voltage.                                                                |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                              |
| Chikhali - Jalna - II                   | 24/07/2013   | 19.26        |                                 | Continued.         | To Avoid Overloading by Taking Line in Grid,Handtripped @ Chikhali End Only. |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                              |
| Karad-Kolhapur-II                       | 29/09/2013   | 17.02        | 30/09/2013                      | 10.42              | Over Voltage.                                                                |
| Karad-Jaigad I                          | 29/09/2013   | 23.25        |                                 | Continued.         | Over Voltage.                                                                |
| Karad - Kolhapur - I                    | 30/09/2013   | 04.35        | 30/09/2013                      | 05.54              | Over Voltage.                                                                |
| Karad - Kolhapur - II                   | 30/09/2013   | 23.40        |                                 | Continued.         | Over Voltage.                                                                |
| 400/11KV 80 MVA STN.T/F 4B at Deepnagar | 01/10/2013   | 03.52        |                                 | Continued.         | B-Ph CT Burst.                                                               |
| 400/220 KV 500 MVA ICT-I @ Deepnagar    | 01/10/2013   | 03.52        |                                 | Continued.         | Bus Bar Prot.Optd.B-Ph CT Burst of St-4B.                                    |
| Bhusawal - Deepnagar - II               | 01/10/2013   | 03.52        | 01/10/2013                      | 04.57              | Bus Bar Prot.Optd.B-Ph CT Burst of St-4B.                                    |
| Main Bus-I at Deepnagar                 | 01/10/2013   | 03.52        | 01/10/2013                      | 04.57              | Bus Bar Prot.Optd.B-Ph CT Burst of St-4B.                                    |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                              |
| 220/100 KV,200MVA ICT - I at Padgha     | 07/06/2013   | 17.48        |                                 | Continued.         | Diff.Protection                                                              |
| Miraj -Ichalkarajni                     | 26/09/2013   | 22.00        |                                 | Continued.         | Over Load                                                                    |
| Badnera - Deoli (PGCIL)                 | 30/09/2013   | 00.34        | 30/09/2013                      | 01.32              | Dist Prot,at Badnera end only.                                               |
| Trombay - Salsett - I                   | 30/09/2013   | 09.32        | 30/09/2013                      | 09.47              | Dist Prot,Y-B Ph-Ph Fault.                                                   |
| 220/132KV 100 MVA ICT II at Pused       | 30/09/2013   | 16.55        | 30/09/2013                      | 18.07              | VT Fuse fail indication received.                                            |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                              |
| Pused-Jambazar                          | 30/09/2013   | 16.55        | 30/09/2013                      | 17.05              | VT Fuse fail indication received.                                            |
| Pused - Digras                          | 30/09/2013   | 16.55        | 30/09/2013                      | 17.05              | VT Fuse fail indication received.                                            |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 01/Oct/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 130         |
| Unit 7             | 210                   | 0           |
|                    | <b>620</b>            | <b>130</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 140         |
| Unit 3             | 210                   | 140         |
| Unit 4             | 500                   | 0           |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>280</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 142         |
| Unit 5             | 210                   | 145         |
| Unit 6             | 250                   | 180         |
| Unit 7             | 250                   | 195         |
|                    | <b>1130</b>           | <b>662</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 350         |
| Unit 7             | 500                   | 350         |
|                    | <b>2340</b>           | <b>1160</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 150         |
| Unit 4             | 250                   | 200         |
|                    | <b>500</b>            | <b>350</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 0           |
|                    | <b>1340</b>           | <b>530</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 210                   | 190         |
|                    | <b>630</b>            | <b>570</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 580         |
|                    | <b>852</b>            | <b>580</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 520         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>1010</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 0           |
| VTRNA              | 60                    | 61          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 5           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 15          |
| BHANDARDRA       | 45                    | 10          |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 20          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>211</b>  |
| <b>Wind</b>      |                       |             |
| MalharPeth       | 0                     |             |
| Vankuswadi       | 0                     |             |
| ATIT             | 0                     |             |
| Kale             | 0                     |             |
| Satara           | 0                     |             |
| Shirala          | 0                     |             |
| K Mahankal       | 0                     |             |
| Supa             | 0                     |             |
| Vita             | 0                     |             |
| Dondaicha        | 0                     |             |
| Sakri            | 0                     |             |
| Nandurbar        | 0                     |             |
| Khandke          | 0                     |             |
| Khaparale        | 0                     |             |
|                  | <b>0</b>              |             |
| <b>CPP</b>       |                       |             |
| JSW JAIGAD       | 1200                  | 925         |
| WARDHA           | 405                   | 325         |
| Adani            | 1320                  | 660         |
| Other CPPs       | 300                   | 400         |
|                  | <b>3225</b>           | <b>2310</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 0           |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1377</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 4713        |
|                  | <b>3455</b>           | <b>4713</b> |