



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**10/Oct/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 10/Oct/2013 THURSDAY**

| <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                | 92.032         | 955.568         | 1) Gujrat                      | 15.843         | 124.360         |
| 2) Hydro                  | 12.065         | 135.861         | 2) Madhya Pradesh              | 16.527         | 181.578         |
| 3) Gas                    | 11.253         | 107.282         | 3) Chattisgarh                 | 9.600          | 90.440          |
| <b>Total MSGENCO</b>      | <b>115.350</b> | <b>1198.711</b> | 4) Maharashtra                 | 62.663         | 636.500         |
| <b>B) 1) JSW JAIGAD</b>   | 22.869         | 221.966         | 5) Goa                         | -5.755         | -53.622         |
| 2) WPCL                   | 8.149          | 80.122          | 6) TAPS 1&2 Injection          | 3.838          | 56.574          |
| 3) ADANI                  | 42.240         | 311.410         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 4) Other CPP / IPP        | 10.227         | 107.087         | 8) Pench (Excess)              | -0.783         | -8.953          |
| 5) Wind Generation        | 7.221          | 87.764          | <b># Total Cent. Sector</b>    | <b>101.933</b> | <b>1026.877</b> |
| 6) PENCH (MS)             | 0.783          | 8.953           | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -23.148        | -229.966        |
| 1) TPCL Thermal           | 20.191         | 197.822         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 4.160          | 33.053          | 1) MSEDCL Bilateral            | 25.661         | 246.852         |
| <b>TOTAL TPCL</b>         | <b>24.351</b>  | <b>230.875</b>  | Include PX                     | 0.000          | 0.000           |
| 3) REL Thermal            | 11.831         | 117.966         | 2) MUMBAI Bilateral            | 20.491         | 198.660         |
| <b>D) STATE</b>           |                |                 | Include PX                     | 5.235          | 52.522          |
| 1) Thermal (A1+C1+C3)     | 124.054        | 1271.356        | 3) MUMBAI Schedule             | 20.651         | 198.820         |
| 2) Hydro (A2+B5+C2)       | 17.008         | 177.867         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 11.253         | 107.282         | 1) MSEDCL                      | 285.624        | 2812.924        |
| 4) Wind (B4)              | 7.221          | 87.764          | 2) TPCL                        | 38.545         | 373.466         |
| 5) CPP (B1+B2+B3)         | 83.485         | 451.415         | 3) REL                         | 20.786         | 205.327         |
| <b>TOTAL STATE</b>        | <b>243.021</b> | <b>2095.684</b> | <b>TOTAL STATE</b>             | <b>344.955</b> | <b>3391.717</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 20 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 3712                             | 3977                             | 3803                             |
| MSGENCO Hydro                   | 1129                             | 1000                             | 89                               |
| MSGENCO Gas                     | 460                              | 460                              | 485                              |
| <b>MSGENCO Total Generation</b> | <b>5301</b>                      | <b>5437</b>                      | <b>4377</b>                      |
| <b>Central Sector Receipt</b>   | <b>4768</b>                      | <b>3900</b>                      | <b>3737</b>                      |
| <b>WIND</b>                     | <b>130</b>                       | <b>658</b>                       | <b>276</b>                       |
| <b>CPP / IPP</b>                | <b>3480</b>                      | <b>3609</b>                      | <b>3223</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-1153</b>                     | <b>-1077</b>                     | <b>-570</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>12547</b>                     | <b>12580</b>                     | <b>11065</b>                     |
| <b>Load Shedding</b>            | <b>56</b>                        | <b>58</b>                        | <b>55</b>                        |
| <b>MSEDCL DEMAND</b>            | <b>12603</b>                     | <b>12638</b>                     | <b>11120</b>                     |
| <b>TPCL GENERATION</b>          | <b>1253</b>                      | <b>1335</b>                      | <b>747</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>521</b>                       | <b>519</b>                       | <b>413</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2927</b>                      | <b>2931</b>                      | <b>1730</b>                      |
| <b>STATE DEMAND MET</b>         | <b>15474</b>                     | <b>15511</b>                     | <b>12795</b>                     |
| <b>STATE DEMAND</b>             | <b>15530</b>                     | <b>15569</b>                     | <b>12850</b>                     |
| <b>Frequency (Hz)</b>           | <b>50.02</b>                     | <b>50.00</b>                     | <b>50.14</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.41 Hz at 08:02 Hrs</b> | <b>49.47 Hz at 22:18 Hrs</b> | <b>50</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 10/Oct/2013

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 0.17        | 27.68         | 70       | 0        | 0        |
| Unit 7           | 2.68        | 23.13         | 175      | 90       | 85       |
| Total            | 2.85        | 50.81         |          |          | 85       |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 2.61        | 21.46         | 135      | 75       | 140      |
| Unit 3           | 2.96        | 30.94         | 135      | 105      | 140      |
| Unit 4           | 7.23        | 62.64         | 365      | 265      | 323      |
| Unit 5           | 5.24        | 45.40         | 255      | 170      | 0        |
| Total            | 18.03       | 160.45        |          |          | 603      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.22        | 32.51         | 160      | 95       | 120      |
| Unit 5           | 3.43        | 34.26         | 163      | 126      | 145      |
| Unit 6           | 4.00        | 42.07         | 175      | 149      | 165      |
| Unit 7           | 3.98        | 41.19         | 185      | 131      | 165      |
| Total            | 14.63       | 150.02        |          |          | 595      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.68        | 28.09         | 125      | 94       | 120      |
| Unit 2           | 2.75        | 29.40         | 124      | 105      | 130      |
| Unit 3           | 2.30        | 18.02         | 134      | 60       | 110      |
| Unit 4           | 2.65        | 25.97         | 134      | 90       | 150      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 6.84        | 71.53         | 375      | 220      | 400      |
| Unit 7           | 8.64        | 67.97         | 400      | 296      | 350      |
| Total            | 25.86       | 240.98        |          |          | 1260     |
| Paras            |             |               |          |          |          |
| Unit 3           | 2.91        | 34.80         | 137      | 107      | 140      |
| Unit 4           | 4.48        | 37.59         | 213      | 138      | 160      |
| Total            | 7.39        | 72.38         |          |          | 300      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.68        | 35.94         | 185      | 135      | 180      |
| Unit 2           | 3.29        | 32.02         | 170      | 105      | 160      |
| Unit 3           | 0.00        | 12.15         | 0        | 0        | 0        |
| Unit 4           | 4.22        | 41.10         | 186      | 164      | 190      |
| Unit 5           | 0.00        | 44.90         | 0        | 0        | 0        |
| Total            | 11.19       | 166.11        |          |          | 530      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.03        | 41.86         | 185      | 155      | 190      |
| Unit 4           | 3.96        | 41.26         | 175      | 140      | 190      |
| Unit 5           | 4.09        | 31.69         | 186      | 160      | 190      |
| Total            | 12.08       | 114.81        |          |          | 570      |
| Uran             |             |               |          |          |          |
| All Units        | 11.25       | 107.28        | 487      | 455      | 450      |
| Total            | 11.25       | 107.28        |          |          | 450      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.78        | 8.95          | 53       | 21       | 0        |
| Total            | 0.78        | 8.95          |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.90        | 27.04         | 445      | 40       | 600      |
| Stage 4          | 5.24        | 49.28         | 560      | 0        | 250      |
| Stage 3          | 1.63        | 18.30         | 240      | 0        | 240      |
| Kovna 12&4 Total | 8.15        | 76.32         |          |          | 850      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>9.78</b>  | <b>94.62</b>  |          |          | <b>1090</b> |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.00         | 5.12          | 0        | 0        | 18          |
| VTRNA            | 0.00         | 3.89          | 0        | 0        | 61          |
| TILLARI          | 0.24         | 3.11          | 59       | 0        | 60          |
| BHTGR/VEER       | 0.00         | 0.22          | 0        | 0        | 0           |
| BHIRA T.R.       | 0.37         | 2.48          | 41       | 0        | 40          |
| RNGR+BHTSA       | 0.40         | 4.01          | 17       | 16       | 17          |
| BHANDARDRA       | 0.34         | 3.79          | 28       | 0        | 0           |
| ELDARY           | 0.00         | 2.66          | 0        | 0        | 0           |
| SMLHY PTN        | 0.43         | 7.42          | 18       | 17       | 0           |
| GHATGHAR         | 0.51         | 6.70          | 120      | 0        | 0           |
| <b>Total</b>     | <b>2.28</b>  | <b>39.40</b>  |          |          | <b>196</b>  |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 0.39         | 3.54          |          |          |             |
| Vankuswadi       | 0.82         | 6.02          |          |          |             |
| ATIT             | 0.08         | 0.72          |          |          |             |
| Kale             | 0.24         | 2.41          |          |          |             |
| Satara           | 2.80         | 26.74         |          |          |             |
| Shirala          | 0.24         | 2.49          |          |          |             |
| K Mahankal       | 0.03         | 0.46          |          |          |             |
| Supa             | 0.05         | 0.76          |          |          |             |
| Vita             | 1.07         | 14.10         |          |          |             |
| Dondaicha        | 0.86         | 21.09         |          |          |             |
| Sakri            | 0.14         | 2.89          |          |          |             |
| Nandurbar        | 0.09         | 1.94          |          |          |             |
| Khandke          | 0.05         | 1.59          |          |          |             |
| Khaparale        | 0.35         | 3.01          |          |          |             |
| <b>Total</b>     | <b>7.22</b>  | <b>87.76</b>  |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 22.87        | 221.97        | 1052     | 909      | 1055        |
| WARDHA           | 8.15         | 80.12         | 347      | 321      | 345         |
| Adani            | 42.24        | 311.41        | 1820     | 1650     | 1851        |
| Other CPPs       | 10.23        | 107.09        |          |          | 245         |
| <b>Total</b>     | <b>83.48</b> | <b>720.58</b> |          |          | <b>3496</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 10.97        | 103.83        | 501      | 318      | 500         |
| Trombay 6        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 7A       | 2.26         | 25.07         | 131      | 63       | 120         |
| Trombay 7B       | 1.44         | 15.17         | 71       | 50       | 60          |
| Trombay 8        | 5.53         | 53.76         | 252      | 185      | 250         |
| TATA Hydro       | 4.16         | 33.05         | 432      | 0        | 447         |
| <b>Total</b>     | <b>24.35</b> | <b>230.88</b> |          |          | <b>1377</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 11.83        | 117.97        | 522      | 413      | 500         |
| <b>Total</b>     | <b>11.83</b> | <b>117.97</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 4695        |
| <b>Total</b>     |              |               |          |          | <b>4695</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 92.03         | 955.57         |  |  | 3943         |
|                    | Thml+Gas     | 103.28        | 1062.85        |  |  | 4393         |
|                    | Hydro        | 12.06         | 135.86         |  |  | 1286         |
|                    | <b>Total</b> | <b>115.35</b> | <b>1198.71</b> |  |  | <b>5679</b>  |
| <b>State Total</b> |              | <b>243.02</b> | <b>2095.68</b> |  |  | <b>15747</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 10/Oct/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                  | 3903        | 103   | 481   | 4487   | 285  | 3377         | 4051        | 4012        | -669         | -1036                | 11147                   | 85                   | 11232                       | 2103                         | 13335           | 49.98         |
| 2                  | 3891        | 101   | 482   | 4474   | 263  | 3278         | 3943        | 3889        | -562         | -616                 | 11311                   | 55                   | 11366                       | 1904                         | 13270           | 50.04         |
| 3                  | 3817        | 89    | 481   | 4387   | 271  | 3255         | 3899        | 3649        | -517         | -518                 | 11067                   | 55                   | 11122                       | 1791                         | 12913           | 50.05         |
| 4                  | 3803        | 89    | 485   | 4377   | 276  | 3223         | 3861        | 3737        | -481         | -570                 | 11065                   | 55                   | 11120                       | 1730                         | 12850           | 50.14         |
| 5                  | 3821        | 99    | 482   | 4402   | 261  | 3248         | 3855        | 3868        | -475         | -696                 | 11105                   | 55                   | 11160                       | 1730                         | 12890           | 50.06         |
| 6                  | 3790        | 139   | 487   | 4416   | 239  | 3426         | 3862        | 4297        | -482         | -725                 | 11675                   | 56                   | 11731                       | 1813                         | 13544           | 49.97         |
| 7                  | 3893        | 436   | 486   | 4815   | 185  | 3500         | 3975        | 4750        | -581         | -764                 | 12508                   | 56                   | 12564                       | 1949                         | 14513           | 50.09         |
| 8                  | 3814        | 577   | 484   | 4875   | 144  | 3552         | 4130        | 4978        | -735         | -738                 | 12834                   | 56                   | 12890                       | 2086                         | 14976           | 50.07         |
| 9                  | 3764        | 1093  | 468   | 5325   | 140  | 3470         | 4329        | 4624        | -931         | -981                 | 12601                   | 56                   | 12657                       | 2371                         | 15028           | 50.09         |
| 10                 | 3745        | 1378  | 463   | 5586   | 140  | 3542         | 4499        | 4564        | -1096        | -1173                | 12682                   | 56                   | 12738                       | 2699                         | 15437           | 50.04         |
| 11                 | 3712        | 1129  | 460   | 5301   | 130  | 3480         | 4634        | 4768        | -1221        | -1153                | 12547                   | 56                   | 12603                       | 2927                         | 15530           | 50.02         |
| 12                 | 3724        | 1044  | 456   | 5224   | 145  | 3513         | 4606        | 4614        | -1175        | -1098                | 12421                   | 56                   | 12477                       | 2983                         | 15460           | 50.00         |
| 13                 | 3696        | 920   | 455   | 5071   | 166  | 3488         | 4589        | 4548        | -1146        | -1174                | 12123                   | 113                  | 12236                       | 2982                         | 15218           | 49.96         |
| 14                 | 3690        | 687   | 458   | 4835   | 166  | 3466         | 4510        | 4612        | -1053        | -1048                | 12055                   | 58                   | 12113                       | 2883                         | 14996           | 50.03         |
| 15                 | 3858        | 676   | 457   | 4991   | 237  | 3453         | 4508        | 4566        | -1063        | -1117                | 12155                   | 57                   | 12212                       | 2935                         | 15147           | 50.01         |
| 16                 | 3874        | 516   | 459   | 4849   | 294  | 3527         | 4481        | 4380        | -1069        | -1127                | 11976                   | 57                   | 12033                       | 2931                         | 14964           | 49.99         |
| 17                 | 3768        | 351   | 461   | 4580   | 364  | 3536         | 4001        | 4224        | -1041        | -1203                | 11525                   | 57                   | 11582                       | 2909                         | 14491           | 49.96         |
| 18                 | 3901        | 125   | 465   | 4491   | 517  | 3487         | 4024        | 3840        | -964         | -1241                | 11144                   | 57                   | 11201                       | 2846                         | 14047           | 49.95         |
| 19                 | 3943        | 450   | 460   | 4853   | 590  | 3615         | 4119        | 4251        | -1043        | -1007                | 12355                   | 57                   | 12412                       | 2888                         | 15300           | 49.88         |
| 20                 | 3977        | 1000  | 460   | 5437   | 658  | 3609         | 4069        | 3900        | -1070        | -1077                | 12580                   | 58                   | 12638                       | 2931                         | 15569           | 50.00         |
| 21                 | 3965        | 529   | 462   | 4956   | 585  | 3643         | 4219        | 4031        | -953         | -1086                | 12181                   | 58                   | 12239                       | 2731                         | 14970           | 49.95         |
| 22                 | 3999        | 258   | 467   | 4724   | 426  | 3618         | 4186        | 3806        | -855         | -1069                | 11558                   | 58                   | 11616                       | 2557                         | 14173           | 49.90         |
| 23                 | 3912        | 183   | 477   | 4572   | 380  | 3601         | 4039        | 4019        | -746         | -981                 | 11643                   | 58                   | 11701                       | 2402                         | 14103           | 49.82         |
| 24                 | 3772        | 93    | 457   | 4322   | 359  | 3578         | 4014        | 4006        | -724         | -950                 | 11366                   | 58                   | 11424                       | 2249                         | 13673           | 50.00         |
| MUs                | 92.03       | 12.06 | 11.25 | 115.35 | 7.22 | 83.48        | 100.40      | 101.93      | -20.65       | -23.15               | 285.62                  | 1.44                 | 287.07                      | 59.33                        | 346.40          | 50.00         |

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 10/Oct/2013**

Position as on 6.30 Hrs of 11/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                  |               |
| Chandrapur Unit 5       | 500      | 14/07/2013   | 00.01        |            | Continued. | Annual Overhaul                 |               |
| <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 WPCL U-3            | 135      | 16/09/2013   | 21.19        |            | Continued. | ESP Bag filter repl.            |               |
| Koradi Unit 5           | 200      | 29/09/2013   | 01:27        |            | Continued. | ID Fan Problem.                 |               |
| CPP VIPL                | 300      | 02/10/2013   | 00.45        |            | Continued. | Turbine bearing vibration high. | 02/11/2013    |
| Uran Unit 5             | 108      | 05/10/2013   | 07.26        |            | Continued. | Gas Shortage                    |               |
| Khaparkheda Unit 3      | 210      | 05/10/2013   | 22.53        |            | Continued. | Flame failure.                  |               |
| Cent_Sect Tarapur 1     | 160      | 08/10/2013   | 09.25        |            | Continued. | CTL.                            |               |
| Khaparkheda Unit 5      | 500      | 09/10/2013   | 20.49        |            | Continued. | GTR Prot.Optd.                  |               |
| Koradi Unit 6           | 210      | 10/10/2013   | 03.45        | 11/10/2013 | 06.35      | Coal shortage.                  |               |
| Paras Unit 3            | 250      | 11/10/2013   | 03.36        | 11/10/2013 | 06.55      | Furnace Pressure High           |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 10/Oct/2013**

Position as on 6.30 Hrs of 11/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</b> PLANNED OUTAGE |                    |                                                                                                 |
| Dhule - S'Sarovar- II                   | 10/10/2013   | 13.24        |                                   | Continued.         | Replacement of Insulator,ready for charging 16.45Hrs.                                           |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                                 |
| Kolhapur - Mapusa - I                   | 08/10/2013   | 16.43        | 10/10/2013                        | 09.22              | Over Voltage.                                                                                   |
| Dhule-Sar'Sarovar - I                   | 09/10/2013   | 00.52        | 10/10/2013                        | 08.01              | Over Voltage.                                                                                   |
| Kolhapur - Mapusa - II                  | 10/10/2013   | 16.37        |                                   | Continued.         | Over Voltage                                                                                    |
| Chandrapur-Bhadravti - I                | 11/10/2013   | 01.40        |                                   | Continued.         | Over Voltage(H/T by WRLDC)                                                                      |
| <b>Voltage Level : 500KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                                                 |
| 765KV Wardha-Senoi-II (PGCIL)           | 20/08/2013   | 20:30        |                                   | Continued.         | Over Voltage.                                                                                   |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                                                 |
| 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.                                                |
| <b>IntraState</b>                       |              |              |                                   |                    |                                                                                                 |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                 |
| Dabhol - New Koyna - I                  | 26/09/2013   | 18.50        |                                   | Continued.         | Chatering Noise at Loc.No.47                                                                    |
| 50 MVAR Reactor on 400 KV Bhusawal - II | 30/09/2013   | 12.55        |                                   | Continued.         | Complete Overhauling and testing work.(For 17 days.)                                            |
| Chandrapur - Parli - II                 | 03/10/2013   | 15.16        |                                   | Continued.         | To Cut the E/W from Tension Clamp(Ready for charging 17.47Hrs)                                  |
| TBC at Khadka                           | 07/10/2013   | 17.38        |                                   | Continued.         | TBC BKR,B-pole stuck up existing BHEL BKR,to be repl by CGL make due to foundation mismatch.    |
| Lonikand - Talegaon                     | 10/10/2013   | 08.23        | 10/10/2013                        | 19.01              | Replacement of LA and CVT                                                                       |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                 |
| Mahad-Pasco                             | 06/10/2013   | 12.06        | 10/10/2013                        | 15.06              | Replacement of Metering CT @ POSCO End, & Bunching of Line, for 5 Day. & Bypaased POSCO @ 1709. |
| Nagothane-PASCO                         | 06/10/2013   | 12.10        | 10/10/2013                        | 15.15              | Replacement of Metering CT @ POSCO End, & Bunching of Line, for 5 Day. & Bypaased POSCO @ 1709. |
| Chikhali - Jalna - I                    | 07/10/2013   | 10.35        |                                   | Continued.         | Rectification work.Jumper nut bolt tightening,Vibration damper tightening.Step bolt tightening. |
| Chalisgaon-Khadka I                     | 07/10/2013   | 11.29        |                                   | Continued.         | Modification of existing Khadka-Chalisgaon line.                                                |
| Chalisgaon-Khadka II                    | 07/10/2013   | 11.37        |                                   | Continued.         | Modification of existing Khadka-Chalisgaon line.                                                |
| Kalwa-Salsatt - II                      | 10/10/2013   | 01.00        | 10/10/2013                        | 02.58              | Attend red hot spot at Kalwa gantry.                                                            |
| Theur - Jejuri                          | 10/10/2013   | 06.00        | 10/10/2013                        | 18.10              | Maint.work.                                                                                     |
| Bhosari-Telco                           | 10/10/2013   | 08.03        | 10/10/2013                        | 18.18              | LILO at Bhosari                                                                                 |
| 220/132 KV 150 MVA ICT-II @ Nasik       | 10/10/2013   | 09.08        | 10/10/2013                        | 13.55              | Bay Maint.work                                                                                  |
| Bombay Dyeing - Sahara                  | 10/10/2013   | 09.48        | 10/10/2013                        | 18.15              | R.M.Work                                                                                        |
| Chandrapur-Sicom - II                   | 10/10/2013   | 10.26        | 10/10/2013                        | 16.20              | Measurement of Tan Delta of CT                                                                  |
| Koradi-Ambazari-I                       | 10/10/2013   | 10.37        | 10/10/2013                        | 16.13              | Replacement of Damaged Conductor                                                                |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 10/Oct/2013**

Position as on 6.30 Hrs of 11/Oct/2013

| Name of Line                           | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                                             |
|----------------------------------------|--------------|--------------|---------------------------------|--------------------|------------------------------------------------------------------------------|
| Beed-Patoda I                          | 10/10/2013   | 10.55        | 10/10/2013                      | 13.00              | Relay testing work                                                           |
| Beed-Patoda II                         | 10/10/2013   | 13.05        | 10/10/2013                      | 13.50              | Relay testing work                                                           |
| <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.                                                                |
| Dabhol-Nagothane - II                  | 28/09/2013   | 21:34        |                                 | Continued.         | Over Voltage.                                                                |
| Bhusawal - Deepnagar - II              | 01/10/2013   | 06.25        |                                 | Continued.         | Over Voltage.                                                                |
| Karad - Newkoyna - I                   | 04/10/2013   | 17.02        |                                 | 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. |
| Vita - Lamboti                         | 09/10/2013   | 06.02        |                                 | Continued.         | To control L/L.                                                              |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                              |
| Karad - Kolhapur - II                  | 10/10/2013   | 03.07        | 10/10/2013                      | 06.54              | Over Voltage.                                                                |
| Koradi - II - Indiabull                | 10/10/2013   | 04.02        |                                 | Continued.         | Over Voltage.                                                                |
| Koradi - New Koradi                    | 10/10/2013   | 04.02        |                                 | Continued.         | Over Voltage.                                                                |
| <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                                                                    |
| <b>Voltage Level : 132KV</b>           |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                              |
| Hinganghat-ISMT I                      | 09/10/2013   | 23.45        | 10/10/2013                      | 00.27              | Distance Protection                                                          |
| Hinganghat-ISMT-II                     | 09/10/2013   | 23.45        | 10/10/2013                      | 00.34              | Distance Protection                                                          |
| Kawalewada-Gondia-I                    | 10/10/2013   | 00.30        | 10/10/2013                      | 01.07              | Backup Prot.operated                                                         |
| Kawlewada-Gondia-II                    | 10/10/2013   | 00.30        | 10/10/2013                      | 01.10              | Backup Prot.operated                                                         |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 11/Oct/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 0           |
| Unit 7             | 210                   | 160         |
|                    | <b>620</b>            | <b>160</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 140         |
| Unit 3             | 210                   | 140         |
| Unit 4             | 500                   | 323         |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>603</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 160         |
| Unit 5             | 210                   | 160         |
| Unit 6             | 250                   | 175         |
| Unit 7             | 250                   | 175         |
|                    | <b>1130</b>           | <b>670</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 100         |
| Unit 2             | 210                   | 100         |
| Unit 3             | 210                   | 120         |
| Unit 4             | 210                   | 120         |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 350         |
| Unit 7             | 500                   | 280         |
|                    | <b>2340</b>           | <b>1070</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 0           |
| Unit 4             | 250                   | 220         |
|                    | <b>500</b>            | <b>220</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                   | 450         |
|                    | <b>852</b>            | <b>450</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 0           |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 0           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 17          |
| BHANDARDRA       | 45                    | 28          |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 0           |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>145</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                  | 1055        |
| WARDHA           | 405                   | 345         |
| Adani            | 1320                  | 1851        |
| Other CPPs       | 300                   | 245         |
|                  | <b>3225</b>           | <b>3496</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                  | 4639        |
|                  | <b>3455</b>           | <b>4639</b> |