



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**04/Jul/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 04/Jul/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                | 72.217         | 322.643        | 1) Gujrat                      | 13.532         | 37.917          |
| 2) Hydro                  | 7.419          | 21.377         | 2) Madhya Pradesh              | 17.428         | 73.109          |
| 3) Gas                    | 10.305         | 42.144         | 3) Chattisgarh                 | 3.460          | 26.720          |
| <b>Total MSGENCO</b>      | <b>89.941</b>  | <b>386.164</b> | 4) Maharashtra                 | 55.802         | 227.775         |
| <b>B) 1) JSW JAIGAD</b>   | 20.503         | 65.949         | 5) Goa                         | -5.166         | -19.193         |
| 2) WPCL                   | 7.920          | 32.034         | 6) TAPS 1&2 Injection          | 3.713          | 14.812          |
| 3) ADANI                  | 23.040         | 103.880        | 7) RGPPL Injection             | 6.351          | 25.377          |
| 4) Other CPP / IPP        | 4.697          | 32.591         | 8) Pench (Excess)              | -0.342         | -1.202          |
| 5) Wind Generation        | 29.281         | 110.861        | <b># Total Cent. Sector</b>    | <b>94.778</b>  | <b>385.315</b>  |
| 6) PENCH (MS)             | 0.342          | 1.202          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                | 1) With TPCL (Excess)          | -17.441        | -71.103         |
| 1) TPCL Thermal           | 24.169         | 93.279         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 4.886          | 20.012         | 1) MSEDCL Bilateral            | 39.013         | 148.717         |
| <b>TOTAL TPCL</b>         | <b>29.055</b>  | <b>113.291</b> | Include PX                     | -1.230         | -2.009          |
| 3) REL Thermal            | 11.950         | 45.841         | 2) MUMBAI Bilateral            | 12.363         | 54.798          |
| <b>D) STATE</b>           |                |                | Include PX                     | 1.970          | 5.019           |
| 1) Thermal (A1+C1+C3)     | 108.336        | 461.763        | 3) MUMBAI Schedule             | 12.363         | 54.798          |
| 2) Hydro (A2+B5+C2)       | 12.647         | 42.591         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 10.305         | 42.144         | 1) MSEDCL                      | 253.061        | 1046.893        |
| 4) Wind (B4)              | 29.281         | 110.861        | 2) TPCL                        | 38.455         | 151.063         |
| 5) CPP (B1+B2+B3)         | 56.160         | 153.614        | 3) REL                         | 19.988         | 79.169          |
| <b>TOTAL STATE</b>        | <b>216.729</b> | <b>810.973</b> | <b>TOTAL STATE</b>             | <b>311.504</b> | <b>1277.125</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 5 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 3203                             | 2827                             | 3028                             |
| MSGENCO Hydro                   | 178                              | 689                              | 77                               |
| MSGENCO Gas                     | 428                              | 429                              | 449                              |
| <b>MSGENCO Total Generation</b> | <b>3809</b>                      | <b>3945</b>                      | <b>3554</b>                      |
| <b>Central Sector Receipt</b>   | <b>4555</b>                      | <b>4969</b>                      | <b>2993</b>                      |
| <b>WIND</b>                     | <b>1368</b>                      | <b>898</b>                       | <b>1272</b>                      |
| <b>CPP / IPP</b>                | <b>2593</b>                      | <b>2267</b>                      | <b>2280</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-1157</b>                     | <b>-707</b>                      | <b>-450</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>11168</b>                     | <b>11398</b>                     | <b>9676</b>                      |
| <b>Load Shedding</b>            | <b>57</b>                        | <b>71</b>                        | <b>56</b>                        |
| <b>MSEDCL DEMAND</b>            | <b>11225</b>                     | <b>11469</b>                     | <b>9732</b>                      |
| <b>TPCL GENERATION</b>          | <b>1283</b>                      | <b>1475</b>                      | <b>841</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>526</b>                       | <b>525</b>                       | <b>398</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2966</b>                      | <b>2707</b>                      | <b>1689</b>                      |
| <b>STATE DEMAND MET</b>         | <b>14134</b>                     | <b>14105</b>                     | <b>11365</b>                     |
| <b>STATE DEMAND</b>             | <b>14191</b>                     | <b>14176</b>                     | <b>11421</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.96</b>                     | <b>49.82</b>                     | <b>50.04</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.36 Hz at 17.08 Hrs</b> | <b>49.64 Hz at 19.45 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 04/Jul/2013

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 2.28        | 2.28          | 154      | 0        | 130      |
| Unit 6           | 3.17        | 12.48         | 150      | 100      | 110      |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 5.44        | 14.77         |          |          | 240      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.10        | 14.16         | 145      | 100      | 160      |
| Unit 3           | 2.84        | 13.98         | 140      | 95       | 160      |
| Unit 4           | 5.30        | 17.38         | 335      | 0        | 215      |
| Unit 5           | 0.00        | 12.40         | 0        | 0        |          |
| Total            | 11.24       | 57.92         |          |          | 535      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 4           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 6           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 7           | 0.00        | 0.00          | 0        | 0        |          |
| Total            | 0.00        | 0.00          |          |          |          |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.37        | 13.37         | 147      | 128      | 160      |
| Unit 2           | 3.32        | 13.98         | 147      | 130      | 150      |
| Unit 3           | 0.00        | 8.81          | 0        | 0        | 0        |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 4.36        | 20.28         | 200      | 155      | 200      |
| Unit 6           | 3.38        | 16.62         | 184      | 115      | 150      |
| Unit 7           | 5.07        | 22.35         | 240      | 185      | 200      |
| Total            | 19.50       | 95.40         |          |          | 860      |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.06        | 16.03         | 193      | 153      | 160      |
| Unit 4           | 4.13        | 16.88         | 190      | 150      | 170      |
| Total            | 8.18        | 32.91         |          |          | 330      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 2.28        | 9.42          | 110      | 65       | 120      |
| Unit 2           | 0.00        | 6.80          | 0        | 0        | 0        |
| Unit 3           | 3.36        | 9.27          | 154      | 125      | 150      |
| Unit 4           | 3.38        | 16.46         | 155      | 130      | 140      |
| Unit 5           | 6.38        | 29.77         | 290      | 240      | 300      |
| Total            | 15.39       | 71.72         |          |          | 710      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.18        | 16.72         | 190      | 170      | 195      |
| Unit 4           | 4.17        | 16.57         | 181      | 170      | 180      |
| Unit 5           | 4.11        | 16.65         | 192      | 162      | 195      |
| Total            | 12.46       | 49.93         |          |          | 570      |
| Uran             |             |               |          |          |          |
| All Units        | 10.30       | 42.14         | 450      | 233      | 430      |
| Total            | 10.30       | 42.14         |          |          | 430      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.34        | 1.20          | 27       | 0        |          |
| Total            | 0.34        | 1.20          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.98        | 6.42          | 440      | 40       | 520      |
| Stage 4          | 1.56        | 1.70          | 443      | 0        | 250      |
| Stage 3          | 1.47        | 5.12          | 160      | 0        | 240      |
| Kovna 12&4 Total | 3.53        | 8.12          |          |          | 770      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>5.00</b>  | <b>13.24</b>  |          |          | <b>1010</b> |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.00         | 0.00          | 0        | 0        | 0           |
| VTRNA            | 0.00         | 0.56          | 0        | 0        | 61          |
| TILLARI          | 0.00         | 0.60          | 0        | 0        | 60          |
| BHTGR/VEER       | 0.00         | 0.00          | 0        | 0        |             |
| BHIRA T.R.       | 0.51         | 1.92          | 81       | 0        | 80          |
| RNGR+BHTSA       | 0.05         | 0.05          | 2        | 2        |             |
| BHANDARDRA       | 0.28         | 0.29          | 34       | 0        |             |
| ELDARY           | 0.00         | 0.00          | 0        | 0        |             |
| SMLHY PTN        | 0.24         | 0.97          | 10       | 10       | 0           |
| GHATGHAR         | 1.35         | 3.76          | 250      | 0        |             |
| <b>Total</b>     | <b>2.42</b>  | <b>8.14</b>   |          |          | <b>201</b>  |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 2.06         | 5.55          |          |          |             |
| Vankuswadi       | 2.71         | 8.55          |          |          |             |
| ATIT             | 1.38         | 2.22          |          |          |             |
| Kale             | 0.76         | 3.04          |          |          |             |
| Satara           | 2.60         | 27.26         |          |          |             |
| Shirala          | 1.37         | 3.31          |          |          |             |
| K Mahankal       | 1.60         | 1.96          |          |          |             |
| Supa             | 0.53         | 1.43          |          |          |             |
| Vita             | 4.29         | 14.57         |          |          |             |
| Dondaicha        | 6.82         | 26.87         |          |          |             |
| Sakri            | 1.41         | 4.45          |          |          |             |
| Nandurbar        | 0.70         | 2.66          |          |          |             |
| Khandke          | 1.66         | 4.71          |          |          |             |
| Khaparale        | 1.40         | 4.30          |          |          |             |
| <b>Total</b>     | <b>29.28</b> | <b>110.86</b> |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 20.50        | 65.95         | 927      | 781      | 790         |
| WARDHA           | 7.92         | 32.03         | 376      | 244      | 345         |
| Adani            | 23.04        | 103.88        | 1220     | 550      | 1234        |
| Other CPPs       | 4.70         | 32.59         |          |          | 0           |
| <b>Total</b>     | <b>56.16</b> | <b>234.45</b> |          |          | <b>2369</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 10.35        | 39.04         | 502      | 318      | 500         |
| Trombay 6        | 3.71         | 14.41         | 202      | 147      | 500         |
| Trombay 7A       | 2.90         | 11.67         | 123      | 114      | 120         |
| Trombay 7B       | 1.61         | 6.47          | 68       | 65       | 60          |
| Trombay 8        | 5.59         | 21.68         | 253      | 188      | 250         |
| TATA Hydro       | 4.89         | 20.01         | 387      | 0        | 447         |
| <b>Total</b>     | <b>29.06</b> | <b>113.29</b> |          |          | <b>1877</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 11.95        | 45.84         | 526      | 398      | 500         |
| <b>Total</b>     | <b>11.95</b> | <b>45.84</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 4793        |
| <b>Total</b>     |              |               |          |          | <b>4793</b> |

|                    |              |               |               |  |  |              |
|--------------------|--------------|---------------|---------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 72.22         | 322.64        |  |  | 3245         |
|                    | Thml+Gas     | 82.52         | 364.79        |  |  | 3675         |
|                    | Hydro        | 7.42          | 21.38         |  |  | 1211         |
|                    | <b>Total</b> | <b>89.94</b>  | <b>386.16</b> |  |  | <b>4886</b>  |
| <b>State Total</b> |              | <b>216.73</b> | <b>810.97</b> |  |  | <b>14425</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 04/Jul/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                  | 2981        | 91   | 441   | 3513  | 1586  | 2375         | 3445        | 3354        | -405         | -683                 | 10171                   | 88                   | 10259                       | 2025                         | 12284           | 50.04         |
| 2                  | 2946        | 86   | 444   | 3476  | 1539  | 2392         | 3268        | 3092        | -385         | -610                 | 9915                    | 56                   | 9971                        | 1848                         | 11819           | 49.94         |
| 3                  | 3021        | 86   | 446   | 3553  | 1575  | 2353         | 3229        | 2876        | -376         | -531                 | 9852                    | 56                   | 9908                        | 1764                         | 11672           | 50.00         |
| 4                  | 3017        | 65   | 446   | 3528  | 1510  | 2298         | 3203        | 2900        | -361         | -468                 | 9794                    | 56                   | 9850                        | 1699                         | 11549           | 50.18         |
| 5                  | 3028        | 77   | 449   | 3554  | 1272  | 2280         | 2844        | 2993        | -355         | -450                 | 9676                    | 56                   | 9732                        | 1689                         | 11421           | 50.04         |
| 6                  | 3038        | 156  | 450   | 3644  | 1327  | 2509         | 3324        | 3323        | -369         | -483                 | 10347                   | 56                   | 10403                       | 1779                         | 12182           | 49.99         |
| 7                  | 2992        | 140  | 447   | 3579  | 1399  | 2640         | 3755        | 3875        | -432         | -585                 | 10934                   | 56                   | 10990                       | 1911                         | 12901           | 50.02         |
| 8                  | 3096        | 153  | 449   | 3698  | 1340  | 2640         | 4129        | 3902        | -432         | -546                 | 11047                   | 56                   | 11103                       | 2075                         | 13178           | 50.05         |
| 9                  | 3110        | 170  | 444   | 3724  | 1294  | 2639         | 4137        | 3923        | -432         | -542                 | 11038                   | 56                   | 11094                       | 2394                         | 13488           | 50.05         |
| 10                 | 3144        | 183  | 429   | 3756  | 1175  | 2647         | 4405        | 4221        | -524         | -873                 | 10926                   | 56                   | 10982                       | 2723                         | 13705           | 49.92         |
| 11                 | 3203        | 178  | 428   | 3809  | 1368  | 2593         | 4778        | 4555        | -768         | -1157                | 11168                   | 57                   | 11225                       | 2966                         | 14191           | 49.96         |
| 12                 | 3029        | 101  | 427   | 3557  | 1190  | 2289         | 4673        | 4578        | -807         | -1073                | 10541                   | 57                   | 10598                       | 3018                         | 13616           | 49.96         |
| 13                 | 3049        | 92   | 432   | 3573  | 1264  | 2220         | 4397        | 4353        | -761         | -1079                | 10331                   | 117                  | 10448                       | 2983                         | 13431           | 49.94         |
| 14                 | 2978        | 168  | 435   | 3581  | 1100  | 2251         | 4158        | 4262        | -536         | -932                 | 10262                   | 61                   | 10323                       | 2873                         | 13196           | 50.06         |
| 15                 | 2995        | 318  | 428   | 3741  | 1257  | 2243         | 4467        | 4000        | -658         | -903                 | 10338                   | 61                   | 10399                       | 2912                         | 13311           | 50.03         |
| 16                 | 3039        | 194  | 432   | 3665  | 1261  | 2221         | 4458        | 4145        | -657         | -902                 | 10390                   | 61                   | 10451                       | 2909                         | 13360           | 50.04         |
| 17                 | 3086        | 166  | 436   | 3688  | 1213  | 2329         | 4256        | 3813        | -610         | -881                 | 10162                   | 61                   | 10223                       | 2888                         | 13111           | 50.11         |
| 18                 | 2967        | 173  | 436   | 3576  | 1211  | 2509         | 3578        | 3493        | -444         | -854                 | 9952                    | 61                   | 10013                       | 2834                         | 12847           | 50.15         |
| 19                 | 2790        | 186  | 438   | 3414  | 1226  | 2454         | 3830        | 3979        | -468         | -713                 | 10371                   | 61                   | 10432                       | 2714                         | 13146           | 50.03         |
| 20                 | 2827        | 689  | 429   | 3945  | 898   | 2267         | 4525        | 4969        | -508         | -707                 | 11398                   | 71                   | 11469                       | 2707                         | 14176           | 49.82         |
| 21                 | 2820        | 1349 | 433   | 4602  | 802   | 2028         | 4479        | 4581        | -525         | -608                 | 11429                   | 105                  | 11534                       | 2612                         | 14146           | 49.87         |
| 22                 | 2998        | 1048 | 435   | 4481  | 839   | 1986         | 4610        | 4639        | -538         | -581                 | 11388                   | 80                   | 11468                       | 2502                         | 13970           | 49.93         |
| 23                 | 2995        | 823  | 438   | 4256  | 809   | 1994         | 4419        | 4447        | -529         | -606                 | 10923                   | 63                   | 10986                       | 2378                         | 13364           | 49.89         |
| 24                 | 3068        | 727  | 233   | 4028  | 826   | 2003         | 4342        | 4505        | -484         | -674                 | 10708                   | 62                   | 10770                       | 2243                         | 13013           | 49.94         |
| MUs                | 72.22       | 7.42 | 10.30 | 89.94 | 29.28 | 56.16        | 96.71       | 94.78       | -12.36       | -17.44               | 253.06                  | 1.57                 | 254.63                      | 58.45                        | 313.08          | 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 04/Jul/2013**

Position as on 6.30 Hrs of 05/Jul/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 4            | 210      | 28/11/2012   | 02.37        |            | Continued. | water shortage.                    |               |
| Cent_Sect Tarapur 2     | 160      | 31/12/2012   | 17.05        |            | Continued. | Refuelling work                    |               |
| Parli Unit 6            | 250      | 25/01/2013   | 19.49        |            | Continued. | Water Shortage/AOH from 06.03.2013 |               |
| Parli Unit 3            | 210      | 13/02/2013   | 23.50        |            | Continued. | Water Shortage                     |               |
| Parli Unit 5            | 210      | 14/02/2013   | 22.45        |            | Continued. | Water Shortage                     |               |
| Parli Unit 7            | 250      | 17/02/2013   | 01.00        |            | Continued. | Water Shortage.                    |               |
| Chandrapur Unit 4       | 210      | 15/06/2013   | 13.33        |            | Continued. | Annual Overhaul                    |               |
| Koyna Unit 5            | 80       | 01/07/2013   | 07.35        |            | Continued. | Maint.Work.                        |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                    |               |
| CPP Adani U-2           | 660      | 22/04/2013   | 13.47        |            | Continued. | ID fan problem.                    |               |
| Dabhol 3B               | 230      | 28/05/2013   | 21.58        |            | Continued. | Gas shortage.                      |               |
| Dabhol 1B               | 230      | 28/05/2013   | 22.02        |            | Continued. | Gas shortage.                      |               |
| Koyna Unit 11           | 80       | 04/06/2013   | 13.25        |            | Continued. | Rotar Fault.                       |               |
| 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                       |               |
| CPP WPCL U-4            | 135      | 12/06/2013   | 03.27        |            | Continued. | Turbine Balancing.                 |               |
| Uran Unit 8             | 108      | 21/06/2013   | 10.15        |            | 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                       |               |
| Koradi Unit 7           | 210      | 30/06/2013   | 09.42        |            | Continued. | GC-2 Heavy Gland Flag Leakage.     |               |
| Khaparkheda Unit 2      | 210      | 02/07/2013   | 23.43        | 05/07/2013 | 05.21      | Boiler Vailidity Extention.        |               |
| Chandrapur Unit 3       | 210      | 03/07/2013   | 10.50        |            | Continued. | Boiler Tube Leakage.               |               |
| CPP VIPL                | 300      | 03/07/2013   | 12.29        |            | Continued. | CHP Problem.                       |               |
| Bhusawal Unit 5         | 500      | 03/07/2013   | 23.40        |            | Continued. | ESP Problem.                       |               |
| Koradi Unit 5           | 200      | 04/07/2013   | 11.05        | 04/07/2013 | 15.08      | Low Vaccum.                        |               |
| Bhusawal Unit 4         | 500      | 04/07/2013   | 17.42        | 04/07/2013 | 20.43      | Bus Fault.                         |               |
| CPP Adani U1            | 660      | 04/07/2013   | 20.11        |            | Continued. | BOILER TUBE LEAKAGE                |               |
| Uran Unit 6             | 108      | 04/07/2013   | 23.11        |            | Continued. | Turbine Trip.                      |               |
| Uran Unit 5             | 108      | 05/07/2013   | 00.30        |            | Continued. | Turbine Trip.                      |               |
| Bhusawal Unit 4         | 500      | 05/07/2013   | 00.50        | 05/07/2013 | 02.40      | Drum Level High.                   |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 04/Jul/2013**

Position as on 6.30 Hrs of 05/Jul/2013

| Name of Line                                 | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                                        |
|----------------------------------------------|--------------|--------------|-----------------------------------|-------------------|-----------------------------------------------------------------------------------------|
| <b>InterState</b>                            |              |              |                                   |                   |                                                                                         |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                         |
| Lamboti - Solapur (PGCIL)                    | 03/07/2013   | 09.30        | 04/07/2013                        | 06.12             | Replacement of R Ph CVT.(RFC)                                                           |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                                         |
| Kolhapur - Mapusa - I                        | 06/06/2013   | 16.44        |                                   | Continued.        | Over Voltage                                                                            |
| Chandrapur-Bhadravti - I                     | 09/06/2013   | 16.16        |                                   | Continued.        | Over Voltage                                                                            |
| Kolhapur-Solapur (PG) II                     | 13/06/2013   | 17.07        |                                   | Continued.        | Over Voltage.                                                                           |
| Seoni-Wardha-II 765KV.                       | 14/06/2013   | 10.54        |                                   | Continued.        | Over Voltage                                                                            |
| Solapur PG - Parly PG - I                    | 01/07/2013   | 17.10        |                                   | Continued.        | Over Voltage.                                                                           |
| Dhule-Sar'Sarovar - II                       | 03/07/2013   | 21.06        | 04/07/2013                        | 19.32             | Over Voltage.                                                                           |
| Akola - Wardha - II                          | 04/07/2013   | 03.20        | 04/07/2013                        | 05.53             | Over Voltage.                                                                           |
| Warora - Tiroda - II                         | 04/07/2013   | 19.44        |                                   | Continued.        | Over Voltage.( One Unit on Bar)                                                         |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                                         |
| Koradi-Satpur                                | 14/06/2013   | 02.02        |                                   | Continued.        | Over Voltage.                                                                           |
| Akola - Aurangabad- II                       | 03/07/2013   | 14.51        |                                   | Continued.        | Bus Bar Protection Operated.(Opportunity Outage)                                        |
| Koradi-Bhilai                                | 03/07/2013   | 21.40        | 04/07/2013                        | 13.17             | Over Voltage.                                                                           |
| Akola - Wardha - I                           | 04/07/2013   | 13.06        | 04/07/2013                        | 20.01             | Over Voltage.                                                                           |
| Akola - Aurangabad - I                       | 04/07/2013   | 16.00        | 05/07/2013                        | 07.21             | Bus Bar Protection Operated @ Aurangabad Main Bus - II.                                 |
| Solapur - Solapur (PG)                       | 04/07/2013   | 18.36        | 05/07/2013                        | 06.45             | Over Voltage.                                                                           |
| Akola - Wardha - I                           | 05/07/2013   | 02.21        | 05/07/2013                        | 05.49             | Over Voltage.                                                                           |
| Akola - Wardha - II                          | 05/07/2013   | 02.21        |                                   | Continued.        | Over Voltage.                                                                           |
| <b>IntraState</b>                            |              |              |                                   |                   |                                                                                         |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                         |
| 400/220 KV 500 MVA ICT-I @ Deepnagar         | 07/06/2013   | 17.03        |                                   | Continued.        | ICT charged through Tie Bay due to higher Tan Delta Values of HV side R Phase Bus-II CT |
| Bus - I @ Lonikand                           | 04/07/2013   | 10.25        | 04/07/2013                        | 19.45             | Conductor Repair Work.                                                                  |
| 400/220 KV 500 MVA ICT - I @ Solapur         | 04/07/2013   | 11.26        | 05/07/2013                        | 06.07             | Replacement of Y Ph.CVT.                                                                |
| Bus - I @ Lamboti                            | 04/07/2013   | 11.26        | 05/07/2013                        | 06.07             | Replacement of Y Ph.CVT.                                                                |
| 400/220 KV 315 MVA ICT - I @ Aurangabad      | 04/07/2013   | 18.24        | 04/07/2013                        | 18.26             | For Bus Arrangement.                                                                    |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                         |
| Main CB of 220/100kV 200 MVA ICTIII @ Padgha | 22/05/2013   | 10.46        |                                   | Continued.        | Repl.of A bus,B bus isolator under JICA scheme.ICT on TBC.                              |
| Wadkhal - NDIL - I                           | 04/07/2013   | 10.03        | 04/07/2013                        | 16.32             | Pilot Wire Replacement Work.                                                            |
| Vankushwadi - MIDC Satara.                   | 04/07/2013   | 10.43        | 04/07/2013                        | 14.15             | Due to Outage on Bus @ Vankuswadi.                                                      |
| Vankuswade-Malharpeeth                       | 04/07/2013   | 10.47        | 04/07/2013                        | 14.12             | Due to Outage on Bus @ Vankuswadi.                                                      |
| Main Bus @ Vankushwadi                       | 04/07/2013   | 10.47        | 04/07/2013                        | 14.00             | Replacement of Insulator String.                                                        |
| Bhugaon-Pusad                                | 04/07/2013   | 11.06        | 04/07/2013                        | 15.19             | Repl.of Defective R Ph.Insulator String.                                                |
| Lonand - SonaAlloys                          | 04/07/2013   | 13.55        | 04/07/2013                        | 19.37             | Scada Work @ Sonaalloy S/S.                                                             |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type</b> FORCED OUTAGE  |                   |                                                                                         |
| Wardha Power -Warora -II                     | 04/07/2013   | 00.22        | 04/07/2013                        | 02.20             | To Attend Hot Spot on B Ph.Wave Trap.                                                   |
| Jejuri-Phursungi - I                         | 04/07/2013   | 15.42        | 04/07/2013                        | 15.49             | To Remove Crow Nest from W/T.                                                           |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 04/Jul/2013**

Position as on 6.30 Hrs of 05/Jul/2013

| Name of Line                                      | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                               |
|---------------------------------------------------|--------------|--------------|---------------------------------|--------------------|----------------------------------------------------------------|
| <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                                    |
| 400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II | 02/02/2013   | 10.17        |                                 | Continued.         | Low Oil Pressure Alarm Received.                               |
| Dabhol - Nagothane - I                            | 06/06/2013   | 21.21        |                                 | Continued.         | Over Voltage                                                   |
| Karad - Newkoyna - I                              | 23/06/2013   | 16.36        |                                 | Continued.         | Over Voltage                                                   |
| Dabhol - New Koyna - I                            | 30/06/2013   | 10.42        |                                 | Continued.         | Over Voltage.                                                  |
| Karad - Kolhapur - II                             | 02/07/2013   | 21.23        |                                 | Continued.         | Over Voltage.                                                  |
| Deepnagar-Aurangabad-I                            | 03/07/2013   | 16.53        | 04/07/2013                      | 18.18              | Over Voltage.                                                  |
| Karad - Kolhapur - I                              | 03/07/2013   | 20.53        | 04/07/2013                      | 08.52              | Over Voltage.                                                  |
| Lonikand- Koyna Stage IV                          | 04/07/2013   | 00.19        |                                 | Continued.         | Over Voltage.                                                  |
| Deepnagar-Aurangabad-I                            | 04/07/2013   | 18.51        |                                 | Continued.         | Over Voltage.                                                  |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                |
| Kalwa-Mulund-I                                    | 04/07/2013   | 12.07        |                                 | Continued.         | Sparking @ Y Ph Jumper Between Bus & Isolator @ Mulund S/S.    |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                |
| 400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR       | 25/09/2012   | 15.38        |                                 | Continued.         | Differential protection operated Declared Faulty by Genco.     |
| Koradi - II - Indiabull                           | 03/07/2013   | 04.04        | 04/07/2013                      | 09.10              | Over Voltage.                                                  |
| Chandrapur - Parli - III                          | 03/07/2013   | 21.40        | 04/07/2013                      | 09.45              | Over Voltage.                                                  |
| Koradi - New Koradi                               | 03/07/2013   | 21.40        | 04/07/2013                      | 08.58              | Over Voltage.                                                  |
| Akola - Indiabull (Nandgaonpeth)                  | 04/07/2013   | 02.40        | 04/07/2013                      | 06.26              | Over Voltage.                                                  |
| Koradi-Khaparkhed-I                               | 04/07/2013   | 12.22        | 04/07/2013                      | 14.57              | Over Voltage.                                                  |
| Koradi - New Koradi                               | 04/07/2013   | 13.06        | 04/07/2013                      | 17.55              | Over Voltage.                                                  |
| Koradi - II - Indiabull                           | 04/07/2013   | 13.06        | 04/07/2013                      | 19.25              | Over Voltage.                                                  |
| Akola - Indiabull (Nandgaonpeth)                  | 04/07/2013   | 13.06        |                                 | Continued.         | Over Voltage.                                                  |
| Bableshtar-Aurangabad                             | 04/07/2013   | 16.00        | 04/07/2013                      | 18.13              | Bus Bar Protection Operated @ Aurangabad Main Bus - II.        |
| 400/220KV 315MVA ICT-II @ Aurangabad.             | 04/07/2013   | 16.00        | 04/07/2013                      | 18.17              | Bus Bar Protection Operated @ Aurangabad Main Bus - II.        |
| 400/220 KV 315 MVA ICT - I @ Aurangabad           | 04/07/2013   | 16.00        | 04/07/2013                      | 16.51              | Bus Bar Protection Operated @ Aurangabad Main Bus - II.        |
| Aurangabad-Deepnagar-II                           | 04/07/2013   | 16.00        | 04/07/2013                      | 16.47              | Bus Bar Protection Operated @ Aurangabad Main Bus - II.        |
| Main Bus- II @ Aurangabad                         | 04/07/2013   | 16.00        | 04/07/2013                      | 17.39              | Bus Bar Protection Operated @ Aurangabad Main Bus - II.        |
| Dhule - Babhaleshwar - I                          | 04/07/2013   | 16.16        | 04/07/2013                      | 16.52              | Over Voltage.                                                  |
| Deepnagar-Aurangabad-II                           | 04/07/2013   | 17.42        | 04/07/2013                      | 18.50              | Bus Bar Protection Operated While Taking Spare ICT in Service. |
| Bus - II @ Deepnagar                              | 04/07/2013   | 17.42        | 04/07/2013                      | 18.18              | Bus Bar Protection Operated While Taking Spare ICT in Service. |
| 400/220 KV,500MVA ICT-II at Deepnagar.            | 04/07/2013   | 17.42        | 04/07/2013                      | 18.26              | Bus Bar Protection Operated While Taking Spare ICT in Service. |
| Dhule - Babhaleshwar - I                          | 04/07/2013   | 23.50        | 05/07/2013                      | 02.21              | Over Voltage.                                                  |
| Koradi - II - Indiabull                           | 05/07/2013   | 01.14        | 05/07/2013                      | 06.43              | Over Voltage.                                                  |
| Akola - Bhusawal                                  | 05/07/2013   | 02.21        |                                 | Continued.         | Over Voltage.                                                  |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 04/Jul/2013**

Position as on 6.30 Hrs of 05/Jul/2013

| Name of Line                        | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage              |
|-------------------------------------|--------------|--------------|----------------------------|--------------------|-------------------------------|
| 220/100 KV,200MVA ICT - I at Padgha | 07/06/2013   | 17.48        |                            | Continued.         | Diff.Protection               |
| 220/132 KV 100 MVA T/F - I @ Valve  | 04/07/2013   | 04.49        | 04/07/2013                 | 07.15              | Diff. Protection.             |
| 220/132 KV 100 MVA T/F - II @ Valve | 04/07/2013   | 04.49        | 04/07/2013                 | 09.56              | Diff. Protection.             |
| Aurangabad-Jalna-I                  | 04/07/2013   | 16.47        | 04/07/2013                 | 16.54              | Load Trimming Operated.       |
| Aurangabad-Jalna-II                 | 04/07/2013   | 16.47        | 04/07/2013                 | 16.54              | Load Trimming Operated.       |
| <b>Voltage Level : 132KV</b>        |              |              | <b>Outage Type</b> TRIPPED |                    |                               |
| Nandurbar-Visarwadi                 | 04/07/2013   | 03.35        | 04/07/2013                 | 10.20              | Distance Protection Z-I R Ph. |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 05/Jul/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 145         |
| Unit 7             | 210                   | 0           |
|                    | <b>620</b>            | <b>295</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 130         |
| Unit 3             | 210                   | 130         |
| Unit 4             | 500                   | 210         |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>470</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 0           |
|                    | <b>1130</b>           | <b>0</b>    |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 200         |
| Unit 6             | 500                   | 200         |
| Unit 7             | 500                   | 250         |
|                    | <b>2340</b>           | <b>960</b>  |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 200         |
| Unit 4             | 250                   | 200         |
|                    | <b>500</b>            | <b>400</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 170         |
| Unit 5             | 500                   | 350         |
|                    | <b>1340</b>           | <b>850</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 195         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 210                   | 195         |
|                    | <b>630</b>            | <b>570</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 350         |
|                    | <b>852</b>            | <b>350</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                    | 0           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 0           |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 0           |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>201</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                  | 900         |
| WARDHA           | 405                   | 340         |
| Adani            | 1320                  | 617         |
| Other CPPs       | 300                   |             |
|                  | <b>3225</b>           | <b>1857</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 4525        |
|                  | <b>3455</b>           | <b>4525</b> |