



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**04/Aug/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 04/Aug/2013 SUNDAY**

| <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                | 58.643         | 227.236        | 1) Gujrat                      | 10.250         | 16.800          |
| 2) Hydro                  | 21.915         | 77.669         | 2) Madhya Pradesh              | 18.153         | 71.884          |
| 3) Gas                    | 11.327         | 45.016         | 3) Chattisgarh                 | 7.940          | 36.040          |
| <b>Total MSGENCO</b>      | <b>91.885</b>  | <b>349.921</b> | 4) Maharashtra                 | 49.414         | 200.869         |
| <b>B) 1) JSW JAIGAD</b>   | 25.228         | 97.129         | 5) Goa                         | -4.062         | -17.053         |
| 2) WPCL                   | 6.347          | 27.112         | 6) TAPS 1&2 Injection          | 7.244          | 22.787          |
| 3) ADANI                  | 24.030         | 89.160         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 4) Other CPP / IPP        | 4.547          | 14.057         | 8) Pench (Excess)              | -0.458         | -1.676          |
| 5) Wind Generation        | 18.955         | 106.647        | <b># Total Cent. Sector</b>    | <b>88.481</b>  | <b>329.651</b>  |
| 6) PENCH (MS)             | 0.458          | 1.676          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                | 1) With TPCL (Excess)          | -18.668        | -81.784         |
| 1) TPCL Thermal           | 13.166         | 59.387         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 2.389          | 17.558         | 1) MSEDCL Bilateral            | 5.884          | 5.867           |
| <b>TOTAL TPCL</b>         | <b>15.555</b>  | <b>76.945</b>  | Include PX                     | -5.562         | -37.697         |
| 3) REL Thermal            | 10.706         | 44.861         | 2) MUMBAI Bilateral            | 14.956         | 65.830          |
| <b>D) STATE</b>           |                |                | Include PX                     | 0.009          | 9.210           |
| 1) Thermal (A1+C1+C3)     | 82.515         | 331.484        | 3) MUMBAI Schedule             | 14.956         | 66.042          |
| 2) Hydro (A2+B5+C2)       | 24.762         | 96.903         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 11.327         | 45.016         | 1) MSEDCL                      | 241.263        | 933.569         |
| 4) Wind (B4)              | 18.955         | 106.647        | 2) TPCL                        | 29.065         | 132.812         |
| 5) CPP (B1+B2+B3)         | 60.152         | 162.328        | 3) REL                         | 15.861         | 70.693          |
| <b>TOTAL STATE</b>        | <b>197.711</b> | <b>742.378</b> | <b>TOTAL STATE</b>             | <b>286.189</b> | <b>1137.074</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 10 Hrs</b> | <b>B. Evening Peak at 21 Hrs</b> | <b>C. Night Minimum at 3 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 2279                             | 2548                             | 2515                             |
| MSGENCO Hydro                   | 1427                             | 681                              | 458                              |
| MSGENCO Gas                     | 478                              | 464                              | 471                              |
| <b>MSGENCO Total Generation</b> | <b>4184</b>                      | <b>3693</b>                      | <b>3444</b>                      |
| <b>Central Sector Receipt</b>   | <b>4343</b>                      | <b>4480</b>                      | <b>2590</b>                      |
| <b>WIND</b>                     | <b>703</b>                       | <b>702</b>                       | <b>1103</b>                      |
| <b>CPP / IPP</b>                | <b>2470</b>                      | <b>2542</b>                      | <b>2528</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-853</b>                      | <b>-666</b>                      | <b>-588</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>10857</b>                     | <b>10778</b>                     | <b>9097</b>                      |
| <b>Load Shedding</b>            | <b>50</b>                        | <b>51</b>                        | <b>50</b>                        |
| <b>MSEDCL DEMAND</b>            | <b>10907</b>                     | <b>10829</b>                     | <b>9147</b>                      |
| <b>TPCL GENERATION</b>          | <b>590</b>                       | <b>965</b>                       | <b>576</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>492</b>                       | <b>527</b>                       | <b>392</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>1935</b>                      | <b>2158</b>                      | <b>1556</b>                      |
| <b>STATE DEMAND MET</b>         | <b>12792</b>                     | <b>12936</b>                     | <b>10653</b>                     |
| <b>STATE DEMAND</b>             | <b>12842</b>                     | <b>12987</b>                     | <b>10703</b>                     |
| <b>Frequency (Hz)</b>           | <b>50.06</b>                     | <b>49.81</b>                     | <b>49.98</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.42 Hz at 17.03 Hrs</b> | <b>49.68 Hz at 21.07 Hrs</b> | <b>50.01</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/Aug/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           | 2.81        | 11.14         | 146      | 75       | 145      |
| Unit 7           | 3.01        | 7.22          | 146      | 85       | 150      |
| Total            | 5.82        | 18.37         |          |          | 295      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 2.51        | 9.62          | 140      | 85       | 130      |
| Unit 3           | 0.24        | 6.59          | 108      | 0        | 0        |
| Unit 4           | 4.23        | 14.82         | 200      | 150      | 194      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        |          |
| Total            | 6.98        | 31.03         |          |          | 324      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 4.49        | 16.66         | 202      | 173      | 200      |
| Unit 7           | 4.07        | 15.96         | 191      | 125      | 250      |
| Total            | 8.56        | 32.62         |          |          | 450      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.11        | 8.25          | 114      | 68       | 90       |
| Unit 2           | 2.45        | 8.54          | 113      | 90       | 90       |
| Unit 3           | 2.76        | 10.08         | 156      | 64       | 100      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 7           | 6.14        | 24.68         | 358      | 210      | 207      |
| Total            | 13.46       | 51.55         |          |          | 487      |
| Paras            |             |               |          |          |          |
| Unit 3           | 3.20        | 13.35         | 179      | 105      | 150      |
| Unit 4           | 2.95        | 12.80         | 140      | 91       | 150      |
| Total            | 6.15        | 26.14         |          |          | 300      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 2.86        | 6.49          | 160      | 95       | 95       |
| Unit 3           | 1.77        | 11.54         | 159      | 0        | 0        |
| Unit 4           | 0.76        | 9.55          | 138      | 0        | 0        |
| Unit 5           | 3.85        | 6.86          | 268      | 114      | 187      |
| Total            | 9.24        | 34.44         |          |          | 282      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.22        | 16.54         | 190      | 170      | 200      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 4.20        | 16.54         | 196      | 168      | 200      |
| Total            | 8.43        | 33.08         |          |          | 400      |
| Uran             |             |               |          |          |          |
| All Units        | 11.33       | 45.02         | 478      | 463      | 465      |
| Total            | 11.33       | 45.02         |          |          | 465      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.46        | 1.68          | 27       | 10       |          |
| Total            | 0.46        | 1.68          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 6.04        | 18.27         | 530      | 40       | 600      |
| Stage 4          | 6.72        | 18.11         | 730      | 0        | 250      |
| Stage 3          | 3.77        | 12.47         | 240      | 0        | 240      |
| Kovna 12&4 Total | 12.77       | 36.38         |          |          | 850      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>16.54</b> | <b>48.85</b>  |          |          | <b>1090</b> |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.93         | 3.70          | 40       | 38       | 36          |
| VTRNA            | 0.00         | 3.72          | 0        | 0        | 61          |
| TILLARI          | 0.96         | 4.69          | 60       | 0        | 60          |
| BHTGR/VEER       | 0.21         | 0.84          | 9        | 8        | 11          |
| BHIRA T.R.       | 0.34         | 1.85          | 81       | 0        | 80          |
| RNGR+BHTSA       | 0.46         | 1.79          | 20       | 19       | 10          |
| BHANDARDRA       | 0.74         | 3.08          | 32       | 30       | 30          |
| ELDARY           | 0.00         | 0.00          | 0        | 0        | 0           |
| SMLHY PTN        | 1.38         | 5.54          | 58       | 57       | 10          |
| GHATGHAR         | 0.36         | 3.63          | 184      | 0        | 0           |
| <b>Total</b>     | <b>5.38</b>  | <b>28.82</b>  |          |          | <b>298</b>  |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 0.84         | 4.84          |          |          |             |
| Vankuswadi       | 1.43         | 7.06          |          |          |             |
| ATIT             | 0.21         | 1.18          |          |          |             |
| Kale             | 0.56         | 2.98          |          |          |             |
| Satara           | 4.70         | 24.46         |          |          |             |
| Shirala          | 0.45         | 3.10          |          |          |             |
| K Mahankal       | 0.08         | 8.08          |          |          |             |
| Supa             | 0.15         | 1.81          |          |          |             |
| Vita             | 2.14         | 14.86         |          |          |             |
| Dondaicha        | 5.29         | 22.40         |          |          |             |
| Sakri            | 0.83         | 3.75          |          |          |             |
| Nandurbar        | 0.51         | 2.14          |          |          |             |
| Khandke          | 0.88         | 5.93          |          |          |             |
| Khaparale        | 0.88         | 4.06          |          |          |             |
| <b>Total</b>     | <b>18.96</b> | <b>106.65</b> |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 25.23        | 97.13         | 1079     | 976      | 970         |
| WARDHA           | 6.35         | 27.11         | 332      | 200      | 330         |
| Adani            | 24.03        | 89.16         | 1220     | 950      | 1049        |
| Other CPPs       | 4.55         | 14.06         |          |          |             |
| <b>Total</b>     | <b>60.15</b> | <b>227.46</b> |          |          | <b>2349</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 8.37         | 38.20         | 502      | 317      | 500         |
| Trombay 6        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 7A       | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 7B       | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 8        | 4.80         | 21.18         | 254      | 185      | 250         |
| TATA Hydro       | 2.39         | 17.56         | 222      | 72       | 447         |
| <b>Total</b>     | <b>15.56</b> | <b>76.94</b>  |          |          | <b>1197</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 10.71        | 44.86         | 527      | 390      | 500         |
| <b>Total</b>     | <b>10.71</b> | <b>44.86</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 3832        |
| <b>Total</b>     |              |               |          |          | <b>3832</b> |

|                    |              |               |               |  |  |              |
|--------------------|--------------|---------------|---------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 58.64         | 227.24        |  |  | 2538         |
|                    | Thml+Gas     | 69.97         | 272.25        |  |  | 3003         |
|                    | Hydro        | 21.92         | 77.67         |  |  | 1388         |
|                    | <b>Total</b> | <b>91.88</b>  | <b>349.92</b> |  |  | <b>4391</b>  |
| <b>State Total</b> |              | <b>197.71</b> | <b>742.38</b> |  |  | <b>12269</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/Aug/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                  | 2557        | 684   | 471   | 3712  | 897   | 2692         | 2445        | 2671        | -609         | -801                 | 9186                    | 76                   | 9262                        | 1780                         | 11042           | 49.95         |
| 2                  | 2526        | 402   | 471   | 3399  | 912   | 2606         | 2372        | 2857        | -551         | -675                 | 9119                    | 50                   | 9169                        | 1642                         | 10811           | 50.01         |
| 3                  | 2515        | 458   | 471   | 3444  | 1103  | 2528         | 2088        | 2590        | -462         | -588                 | 9097                    | 50                   | 9147                        | 1556                         | 10703           | 49.98         |
| 4                  | 2464        | 910   | 473   | 3847  | 919   | 2395         | 2007        | 2545        | -393         | -454                 | 9272                    | 50                   | 9322                        | 1526                         | 10848           | 49.96         |
| 5                  | 2494        | 526   | 475   | 3495  | 796   | 2438         | 2500        | 3051        | -424         | -425                 | 9378                    | 50                   | 9428                        | 1539                         | 10967           | 49.99         |
| 6                  | 2469        | 958   | 475   | 3902  | 713   | 2428         | 2847        | 3555        | -418         | -590                 | 10035                   | 50                   | 10085                       | 1596                         | 11681           | 50.01         |
| 7                  | 2282        | 1029  | 475   | 3786  | 523   | 2448         | 3018        | 4211        | -537         | -635                 | 10360                   | 50                   | 10410                       | 1603                         | 12013           | 50.15         |
| 8                  | 2285        | 1503  | 473   | 4261  | 529   | 2428         | 3010        | 4180        | -648         | -659                 | 10759                   | 50                   | 10809                       | 1657                         | 12466           | 49.98         |
| 9                  | 2271        | 1583  | 475   | 4329  | 718   | 2456         | 3601        | 4173        | -653         | -797                 | 10906                   | 50                   | 10956                       | 1766                         | 12722           | 49.98         |
| 10                 | 2279        | 1427  | 478   | 4184  | 703   | 2470         | 3758        | 4343        | -613         | -853                 | 10857                   | 50                   | 10907                       | 1935                         | 12842           | 50.06         |
| 11                 | 2211        | 1180  | 476   | 3867  | 686   | 2487         | 3743        | 4495        | -670         | -933                 | 10612                   | 50                   | 10662                       | 2069                         | 12731           | 50.10         |
| 12                 | 2268        | 1672  | 474   | 4414  | 783   | 2470         | 3170        | 3734        | -674         | -953                 | 10458                   | 50                   | 10508                       | 2103                         | 12611           | 50.00         |
| 13                 | 2308        | 1631  | 470   | 4409  | 798   | 2467         | 2969        | 3409        | -717         | -1017                | 10076                   | 101                  | 10177                       | 2071                         | 12248           | 50.03         |
| 14                 | 2344        | 1205  | 474   | 4023  | 781   | 2489         | 3013        | 3504        | -770         | -1023                | 9784                    | 51                   | 9835                        | 1999                         | 11834           | 49.99         |
| 15                 | 2392        | 1321  | 472   | 4185  | 866   | 2530         | 2865        | 3254        | -730         | -975                 | 9875                    | 51                   | 9926                        | 1962                         | 11888           | 50.03         |
| 16                 | 2442        | 1011  | 472   | 3925  | 883   | 2551         | 2817        | 3410        | -702         | -925                 | 9864                    | 51                   | 9915                        | 1909                         | 11824           | 50.11         |
| 17                 | 2469        | 711   | 469   | 3649  | 854   | 2553         | 2923        | 3466        | -677         | -919                 | 9614                    | 51                   | 9665                        | 1894                         | 11559           | 50.09         |
| 18                 | 2485        | 355   | 474   | 3314  | 950   | 2579         | 3284        | 3665        | -758         | -932                 | 9593                    | 51                   | 9644                        | 1902                         | 11546           | 50.25         |
| 19                 | 2525        | 348   | 470   | 3343  | 751   | 2524         | 3789        | 4143        | -705         | -911                 | 9870                    | 51                   | 9921                        | 1933                         | 11854           | 50.09         |
| 20                 | 2543        | 608   | 463   | 3614  | 936   | 2493         | 3777        | 4418        | -646         | -744                 | 10742                   | 51                   | 10793                       | 2102                         | 12895           | 49.88         |
| 21                 | 2548        | 681   | 464   | 3693  | 702   | 2542         | 3976        | 4480        | -652         | -666                 | 10778                   | 51                   | 10829                       | 2158                         | 12987           | 49.81         |
| 22                 | 2621        | 433   | 470   | 3524  | 755   | 2530         | 3878        | 4516        | -647         | -706                 | 10644                   | 51                   | 10695                       | 2146                         | 12841           | 49.90         |
| 23                 | 2676        | 900   | 470   | 4046  | 735   | 2543         | 3373        | 3884        | -650         | -743                 | 10489                   | 51                   | 10540                       | 2096                         | 12636           | 49.94         |
| 24                 | 2669        | 379   | 472   | 3520  | 659   | 2505         | 3787        | 3928        | -648         | -744                 | 9893                    | 51                   | 9944                        | 1985                         | 11929           | 49.99         |
| MUs                | 58.64       | 21.92 | 11.33 | 91.88 | 18.95 | 60.15        | 75.01       | 88.48       | -14.96       | -18.67               | 241.26                  | 1.29                 | 242.55                      | 44.93                        | 287.48          | 50.01         |

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/Aug/2013**

Position as on 6.30 Hrs of 05/Aug/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.                    |               |
| Parli Unit 3            | 210      | 13/02/2013   | 23.50        |            | Continued. | Water Shortage                     |               |
| Parli Unit 5            | 210      | 14/02/2013   | 22.45        |            | Continued. | Water Shortage                     |               |
| Chandrapur Unit 4       | 210      | 15/06/2013   | 13.33        |            | Continued. | Annual Overhaul                    |               |
| Nasik Unit 4            | 210      | 07/07/2013   | 02.00        |            | Continued. | C.O.H.                             |               |
| Chandrapur Unit 5       | 500      | 14/07/2013   | 00.01        |            | Continued. | Annual Overhaul                    |               |
| Tata Trombay 7B         | 60       | 27/07/2013   | 12.57        |            | Continued. | Annual Overhaul                    |               |
| Tata Trombay 7A         | 120      | 27/07/2013   | 13.55        |            | 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.                      |               |
| 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                       |               |
| Dabhol 1X               | 290      | 27/06/2013   | 21.46        |            | Continued. | Gas Shortage                       |               |
| Dabhol 1A               | 230      | 27/06/2013   | 21.47        |            | Continued. | Gas Shortage                       |               |
| Bhusawal Unit 5         | 500      | 03/07/2013   | 23.40        |            | Continued. | ESP Problem.                       |               |
| Dabhol 2X               | 290      | 15/07/2013   | 15.09        |            | Continued. | Gas Shortage                       |               |
| Dabhol 2B               | 230      | 15/07/2013   | 15.10        |            | Continued. | Gas Shortage                       |               |
| CPP Adani U-2           | 660      | 15/07/2013   | 22.24        |            | Continued. | Boiler Tube Leakage                |               |
| CPP VIPL                | 300      | 17/07/2013   | 12.03        |            | Continued. | Turbine.                           |               |
| Chandrapur Unit 6       | 500      | 19/07/2013   | 14.49        |            | Continued. | UAT Problem.                       |               |
| CPP WPCL U-1            | 135      | 19/07/2013   | 16.17        |            | Continued. | Wet coal problem.                  |               |
| Tata Trombay 6          | 500      | 19/07/2013   | 23.54        |            | Continued. | Economic shut down.                |               |
| CPP INDIABULLS          | 270      | 22/07/2013   | 10:35        |            | Continued. | Fuel Loss.                         |               |
| Koradi Unit 5           | 200      | 29/07/2013   | 12.44        |            | Continued. | I D Fan Problem.                   |               |
| Khaparkheda Unit 1      | 210      | 30/07/2013   | 04.41        |            | Continued. | Main Steam Temp.Low                |               |
| Uran Unit 8             | 108      | 01/08/2013   | 17.13        |            | Continued. | Gas Shortage.                      |               |
| Bhusawal Unit 3         | 210      | 03/08/2013   | 12.44        | 04/08/2013 | 21.03      | Attending condensate line leakage. |               |
| Khaparkheda Unit 3      | 210      | 04/08/2013   | 05.59        | 04/08/2013 | 12.32      | Furnace Pressure low.              |               |
| Khaparkheda Unit 4      | 210      | 04/08/2013   | 06.04        |            | Continued. | Gen.Prot.Optd.                     |               |
| CPP WPCL U-4            | 135      | 04/08/2013   | 07.19        | 04/08/2013 | 13.21      | Gen Prot Problem.                  |               |

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

Position as on 6.30 Hrs of 05/Aug/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 PLANNED OUTAGE</b> |                   |                                                                                         |
| Akola - Wardha - I                           | 01/08/2013   | 12.25        | 01/08/2013                        | Continued.        | Attending oil leakage, Main CB at Akola & line on tie CB.                               |
| Akola - Aurangabad - II                      | 02/08/2013   | 11.46        | 04/08/2013                        | 20.20             | Repl. of jack bus cond. & allied bay equip. work on TBC (Opp Outage)                    |
| Padgha-Tarapur - II                          | 04/08/2013   | 08.40        | 04/08/2013                        | 17.29             | Insulator Repl.                                                                         |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                         |
| Parly(PG)- Solapur(PG) - I                   | 20/07/2013   | 04.35        |                                   | Continued.        | Over Voltage                                                                            |
| Dabhol - NewKoyna - II                       | 23/07/2013   | 12.35        |                                   | Continued.        | Over Voltage.                                                                           |
| Parli (PG)-Bhadravati I                      | 24/07/2013   | 22.07        |                                   | Continued.        | Over Voltage.                                                                           |
| 765 KV Wardha - Seoni - I                    | 25/07/2013   | 10.39        |                                   | Continued.        | Over Voltage                                                                            |
| Kolhapur - Mapusa - I                        | 29/07/2013   | 13.30        |                                   | Continued.        | Over Voltage                                                                            |
| Kolhapur-Solapur(PGCIL)- I                   | 31/07/2013   | 11.14        |                                   | Continued.        | Over Voltage.                                                                           |
| Solapur - Solapur (PG)                       | 03/08/2013   | 17.14        | 04/08/2013                        | 07.33             | Over Voltage.                                                                           |
| Dhule-Sar'Sarovar - I                        | 03/08/2013   | 17.21        |                                   | Continued.        | Over Voltage.                                                                           |
| Lamboti - Solapur (PGCIL)                    | 04/08/2013   | 16.47        | 05/08/2013                        | 06.37             | Over Voltage.                                                                           |
| Akola - Aurangabad- II                       | 04/08/2013   | 23.01        |                                   | Continued.        | Over Voltage.                                                                           |
| Akola - Wardha - II                          | 04/08/2013   | 23.10        |                                   | Continued.        | Over Voltage.                                                                           |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                                         |
| Koradi-Satpur                                | 14/06/2013   | 02.02        |                                   | Continued.        | Over Voltage. (RFC 24.06.13, 18.40Hrs)                                                  |
| Chandrapur - Bhadravati - IV                 | 19/07/2013   | 15.56        |                                   | Continued.        | Over Voltage.                                                                           |
| Padgha -Tarapur - I                          | 04/08/2013   | 01.59        | 04/08/2013                        | 07.58             | Over Voltage.                                                                           |
| Akola - Wardha - I                           | 04/08/2013   | 03.38        | 04/08/2013                        | 05.38             | Over Voltage.                                                                           |
| Padgha-Tarapur - II                          | 05/08/2013   | 04.49        |                                   | Continued.        | Over Voltage.                                                                           |
| <b>IntraState</b>                            |              |              |                                   |                   |                                                                                         |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                         |
| 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 |
| New Koyna - Dabhol - II                      | 26/07/2013   | 10.56        |                                   | Continued.        | Opp.outage.RFC 18.17Hrs.                                                                |
| Main Bus A at Lonikand                       | 04/08/2013   | 10.00        | 04/08/2013                        | 15.11             | Hot Spot.                                                                               |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                         |
| Main CB of 220/100kV 200 MVA ICTIII @ Padgha | 22/05/2013   | 10.46        |                                   | Continued.        | Repl. of A and B bus isolator. ICT on TBC.                                              |
| Dahanu-Versova                               | 04/08/2013   | 08.52        | 04/08/2013                        | 16.41             | Relay testing work.                                                                     |
| <b>Voltage Level : 132KV</b>                 |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                         |
| Ahmadnagar - Pathardi                        | 18/07/2013   | 08.49        |                                   | Continued.        | Stringing of 132KV Aranvihra-Pathardi Line (Wind).                                      |
| <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                                                            |
| Karad - Kolhapur - II                        | 11/07/2013   | 21.40        |                                   | Continued.        | Over Voltage.                                                                           |
| Deepnagar-Aurangabad-I                       | 23/07/2013   | 14.46        |                                   | Continued.        | Over Voltage.                                                                           |
| Karad - Newkoyna - I                         | 29/07/2013   | 09.43        |                                   | Continued.        | CVT Problem, Ready for charging 17.56Hrs                                                |

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

Position as on 6.30 Hrs of 05/Aug/2013

| Name of Line                                | Tripped Date | Tripped Time | Synchronised Date               | Synchronised Time | Reason of Outage                                                              |
|---------------------------------------------|--------------|--------------|---------------------------------|-------------------|-------------------------------------------------------------------------------|
| Nagothane-Dabhol-I                          | 31/07/2013   | 14.53        |                                 | Continued.        | Over Voltage.                                                                 |
| Karad - Kolhapur - I                        | 01/08/2013   | 12.24        |                                 | Continued.        | Over Voltage.                                                                 |
| Lonikand- Koyna Stage IV                    | 04/08/2013   | 00.42        | 04/08/2013                      | 10.10             | Over Voltage.                                                                 |
| Lonikand- Koyna Stage IV                    | 05/08/2013   | 00.57        | 05/08/2013                      | 06.47             | 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. |
| 220/132KV 200MVA ICT-II at BLSR             | 27/07/2013   | 16.05        |                                 | Continued.        | L V Side to Control Over Voltage.                                             |
| <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.        | Diff.prot.operated Declared Faulty                                            |
| Chandrapur - Parli - III                    | 19/07/2013   | 16.57        |                                 | Continued.        | Over Voltage.                                                                 |
| Koradi-Khaparkheda II                       | 31/07/2013   | 23.58        |                                 | Continued.        | Over Voltage.                                                                 |
| Bhusawal- Aurangabad                        | 01/08/2013   | 23.09        |                                 | Continued.        | Over Voltage.                                                                 |
| Koradi-Khaparkheda-I                        | 02/08/2013   | 04.20        |                                 | Continued.        | Over Voltage.                                                                 |
| Akola - Indiabull (Nandgaonpeth)            | 02/08/2013   | 21.50        | 05/08/2013                      | 06.15             | Over Voltage.                                                                 |
| Koradi - II - Indiabull                     | 03/08/2013   | 23.43        | 04/08/2013                      | 19.46             | Over Voltage.                                                                 |
| Karad-Jaigad I                              | 04/08/2013   | 00.46        |                                 | Continued.        | Over Voltage.                                                                 |
| Chandrapur - Khaparkheda                    | 04/08/2013   | 02.24        | 04/08/2013                      | 22.45             | Over Voltage.                                                                 |
| Koradi - II - Indiabull                     | 04/08/2013   | 23.45        |                                 | Continued.        | Over Voltage.                                                                 |
| Chandrapur - Khaparkheda                    | 05/08/2013   | 01.15        |                                 | Continued.        | Over Voltage.                                                                 |
| Koradi - New Koradi                         | 05/08/2013   | 06.07        | 05/08/2013                      | 06.49             | 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                                                               |
| Bhugaon-Pusad                               | 03/08/2013   | 04.31        | 04/08/2013                      | 15.45             | Dist Prot.                                                                    |
| Kandalgaon - Sona Alloy                     | 03/08/2013   | 12.15        | 04/08/2013                      | 18.27             | Dist Prot.                                                                    |
| <b>Voltage Level : 132KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                                               |
| Kalmeshwar - Saoner - I                     | 04/08/2013   | 00.22        | 04/08/2013                      | 13.02             | Dist Prot.                                                                    |

# State Load Dispatch Center,Airoli (MSETCL)

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

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 110         |
| Unit 7             | 210                   | 80          |
|                    | <b>620</b>            | <b>190</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 110         |
| Unit 3             | 210                   | 100         |
| Unit 4             | 500                   | 200         |
| Unit 5             | 500                   |             |
|                    | <b>1420</b>           | <b>410</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 190         |
|                    | <b>1130</b>           | <b>190</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 100         |
| Unit 2             | 210                   | 100         |
| Unit 3             | 210                   | 120         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 0           |
| Unit 7             | 500                   | 300         |
|                    | <b>2340</b>           | <b>620</b>  |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 150         |
| Unit 4             | 250                   | 150         |
|                    | <b>500</b>            | <b>300</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 200         |
|                    | <b>1340</b>           | <b>540</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 200         |
|                    | <b>630</b>            | <b>400</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 465         |
|                    | <b>852</b>            | <b>465</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                   | 240         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 36          |
| VTRNA              | 60                    | 61          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 11          |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 10          |
| BHANDARDRA       | 45                    | 30          |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 0           |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>288</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                  | 972         |
| WARDHA           | 405                   | 330         |
| Adani            | 1320                  | 1234        |
| Other CPPs       | 300                   |             |
|                  | <b>3225</b>           | <b>2536</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 0           |
| Trombay 7A       | 120                   | 0           |
| Trombay 7B       | 60                    | 0           |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1197</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 4606        |
|                  | <b>3455</b>           | <b>4606</b> |