



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**18/Apr/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 18/Apr/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                | 103.573        | 2049.877        | 1) Gujrat                      | 9.353          | 241.103         |
| 2) Hydro                  | 10.770         | 167.141         | 2) Madhya Pradesh              | 18.760         | 357.857         |
| 3) Gas                    | 13.483         | 217.960         | 3) Chattisgarh                 | 7.190          | 144.370         |
| <b>Total MSGENCO</b>      | <b>127.826</b> | <b>2434.978</b> | 4) Maharashtra                 | 60.489         | 1180.990        |
| <b>B) 1) JSW JAIGAD</b>   | 25.628         | 440.434         | 5) Goa                         | -4.160         | -102.683        |
| 2) WPCL                   | 7.623          | 131.236         | 6) TAPS 1&2 Injection          | 3.962          | 44.864          |
| 3) ADANI                  | 14.620         | 208.020         | 7) RGPPL Injection             | 18.972         | 336.753         |
| 4) Other CPP / IPP        | 12.933         | 197.314         | 8) Pench (Excess)              | -0.196         | -4.466          |
| 5) Wind Generation        | 14.770         | 195.048         | <b># Total Cent. Sector</b>    | <b>114.370</b> | <b>2198.788</b> |
| 6) PENCH (MS)             | 0.196          | 4.466           | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -14.039        | -238.118        |
| 1) TPCL Thermal           | 26.568         | 465.242         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 3.928          | 67.757          | 1) MSEDCL Bilateral            | 45.250         | 802.540         |
| <b>TOTAL TPCL</b>         | <b>30.496</b>  | <b>532.999</b>  | Include PX                     | 4.527          | 138.508         |
| 3) REL Thermal            | 12.542         | 226.221         | 2) MUMBAI Bilateral            | 16.755         | 272.253         |
| <b>D) STATE</b>           |                |                 | Include PX                     | 3.957          | 68.008          |
| 1) Thermal (A1+C1+C3)     | 142.683        | 2741.340        | 3) MUMBAI Schedule             | 16.755         | 272.253         |
| 2) Hydro (A2+B5+C2)       | 14.894         | 239.364         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 13.483         | 217.960         | 1) MSEDCL                      | 303.927        | 5572.166        |
| 4) Wind (B4)              | 14.770         | 195.048         | 2) TPCL                        | 37.317         | 655.701         |
| 5) CPP (B1+B2+B3)         | 60.804         | 783.604         | 3) REL                         | 19.759         | 341.571         |
| <b>TOTAL STATE</b>        | <b>246.634</b> | <b>4177.316</b> | <b>TOTAL STATE</b>             | <b>361.003</b> | <b>6569.438</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 4331                             | 4322                             | 4179                             |
| MSGENCO Hydro                   | 770                              | 181                              | 483                              |
| MSGENCO Gas                     | 564                              | 557                              | 569                              |
| <b>MSGENCO Total Generation</b> | <b>5665</b>                      | <b>5060</b>                      | <b>5231</b>                      |
| <b>Central Sector Receipt</b>   | <b>5566</b>                      | <b>5238</b>                      | <b>4296</b>                      |
| <b>WIND</b>                     | <b>366</b>                       | <b>836</b>                       | <b>559</b>                       |
| <b>CPP / IPP</b>                | <b>2574</b>                      | <b>2433</b>                      | <b>2562</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-812</b>                      | <b>-857</b>                      | <b>-140</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>13359</b>                     | <b>12710</b>                     | <b>12508</b>                     |
| <b>Load Shedding</b>            | <b>605</b>                       | <b>416</b>                       | <b>209</b>                       |
| <b>MSEDCL DEMAND</b>            | <b>13964</b>                     | <b>13126</b>                     | <b>12717</b>                     |
| <b>TPCL GENERATION</b>          | <b>1518</b>                      | <b>1443</b>                      | <b>1092</b>                      |
| <b>R-INFRA GENERATION</b>       | <b>523</b>                       | <b>523</b>                       | <b>525</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2853</b>                      | <b>2823</b>                      | <b>1757</b>                      |
| <b>STATE DEMAND MET</b>         | <b>16212</b>                     | <b>15533</b>                     | <b>14265</b>                     |
| <b>STATE DEMAND</b>             | <b>16817</b>                     | <b>15949</b>                     | <b>14474</b>                     |
| <b>Frequency (Hz)</b>           | <b>50.01</b>                     | <b>49.97</b>                     | <b>50.00</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.38 Hz at 17.04 Hrs</b> | <b>49.69 Hz at 18.56 Hrs</b> | <b>49.99</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 18/Apr/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           | 3.80        | 68.44         | 177      | 145      | 150      |
| Unit 7           | 3.66        | 72.11         | 190      | 110      | 140      |
| Total            | 7.46        | 140.55        |          |          | 290      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.69        | 69.75         | 170      | 140      | 150      |
| Unit 3           | 3.92        | 70.25         | 175      | 155      | 150      |
| Unit 4           | 7.92        | 141.03        | 410      | 240      | 230      |
| Unit 5           | 0.00        | 45.70         | 0        | 0        | 0        |
| Total            | 15.54       | 326.73        |          |          | 530      |
| 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           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 0.00        | 0.00          |          |          | 0        |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 47.45         | 0        | 0        | 0        |
| Unit 2           | 3.82        | 66.72         | 165      | 152      | 160      |
| Unit 3           | 4.84        | 73.15         | 210      | 180      | 200      |
| Unit 4           | 4.48        | 78.87         | 202      | 162      | 200      |
| Unit 5           | 0.00        | 124.93        | 0        | 0        | 0        |
| Unit 6           | 10.47       | 170.66        | 445      | 410      | 450      |
| Unit 7           | 9.78        | 165.39        | 420      | 380      | 425      |
| Total            | 33.39       | 727.17        |          |          | 1435     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.54        | 105.74        | 238      | 220      | 250      |
| Unit 4           | 5.99        | 91.70         | 262      | 242      | 250      |
| Total            | 11.52       | 197.44        |          |          | 500      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.86        | 67.12         | 185      | 140      | 170      |
| Unit 2           | 3.52        | 62.27         | 165      | 135      | 150      |
| Unit 3           | 3.81        | 68.08         | 178      | 138      | 170      |
| Unit 4           | 4.34        | 72.98         | 195      | 163      | 190      |
| Unit 5           | 8.91        | 161.23        | 507      | 215      | 250      |
| Total            | 24.44       | 431.67        |          |          | 930      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.36        | 79.90         | 195      | 165      | 195      |
| Unit 4           | 2.28        | 65.08         | 192      | 0        | 185      |
| Unit 5           | 4.58        | 81.34         | 200      | 173      | 195      |
| Total            | 11.22       | 226.32        |          |          | 575      |
| Uran             |             |               |          |          |          |
| All Units        | 13.48       | 217.96        | 573      | 494      | 580      |
| Total            | 13.48       | 217.96        |          |          | 580      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.20        | 4.47          | 42       | 0        | 0        |
| Total            | 0.20        | 4.47          |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.36        | 45.91         | 335      | 40       | 530      |
| Stage 4          | 3.70        | 21.85         | 492      | 0        | 250      |
| Stage 3          | 1.27        | 15.20         | 160      | 0        | 240      |
| Kovna 12&4 Total | 6.07        | 67.76         |          |          | 780      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>7.33</b>  | <b>82.96</b>  |          |          | <b>1020</b> |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.88         | 13.44         | 37       | 36       | 36          |
| VTRNA            | 0.95         | 17.38         | 61       | 0        | 60          |
| TILLARI          | 0.34         | 6.33          | 60       | 0        | 60          |
| BHTGR/VEER       | 0.05         | 0.83          | 3        | 2        | 2           |
| BHIRA T.R.       | 0.21         | 3.31          | 81       | 0        | 80          |
| RNGR+BHTSA       | 0.30         | 5.61          | 13       | 12       | 13          |
| BHANDARDRA       | 0.00         | 1.70          | 0        | 0        | 0           |
| ELDARY           | 0.00         | 0.00          | 0        | 0        | 0           |
| SMLHY PTN        | 0.71         | 17.80         | 30       | 29       | 0           |
| GHATGHAR         | 0.00         | 17.78         | 0        | 0        | 0           |
| <b>Total</b>     | <b>3.44</b>  | <b>84.18</b>  |          |          | <b>251</b>  |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 0.47         | 8.98          |          |          |             |
| Vankuswadi       | 0.64         | 12.21         |          |          |             |
| ATIT             | 0.26         | 3.39          |          |          |             |
| Kale             | 0.24         | 4.64          |          |          |             |
| Satara           | 0.91         | 16.74         |          |          |             |
| Shirala          | 0.33         | 6.62          |          |          |             |
| K Mahankal       | 0.41         | 12.46         |          |          |             |
| Supa             | 0.04         | 2.37          |          |          |             |
| Vita             | 1.30         | 21.46         |          |          |             |
| Dondaicha        | 7.45         | 73.44         |          |          |             |
| Sakri            | 0.86         | 9.30          |          |          |             |
| Nandurbar        | 0.77         | 7.95          |          |          |             |
| Khandke          | 0.88         | 8.47          |          |          |             |
| Khaparale        | 0.22         | 7.01          |          |          |             |
| <b>Total</b>     | <b>14.77</b> | <b>195.05</b> |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 25.63        | 440.43        | 1115     | 961      | 1005        |
| WARDHA           | 7.62         | 131.24        | 329      | 294      | 328         |
| Adani            | 14.62        | 208.02        | 610      | 600      | 617         |
| Other CPPs       | 12.93        | 197.31        |          |          | 200         |
| <b>Total</b>     | <b>60.80</b> | <b>977.00</b> |          |          | <b>2150</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 11.57        | 196.79        | 501      | 348      | 500         |
| Trombay 6        | 4.47         | 78.54         | 245      | 150      | 500         |
| Trombay 7A       | 2.97         | 53.00         | 126      | 121      | 120         |
| Trombay 7B       | 1.60         | 28.94         | 68       | 66       | 60          |
| Trombay 8        | 5.96         | 107.97        | 254      | 219      | 250         |
| TATA Hydro       | 3.93         | 67.76         | 393      | 0        | 447         |
| <b>Total</b>     | <b>30.50</b> | <b>533.00</b> |          |          | <b>1877</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 12.54        | 226.22        | 526      | 499      | 500         |
| <b>Total</b>     | <b>12.54</b> | <b>226.22</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 5741        |
| <b>Total</b>     |              |               |          |          | <b>5741</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 103.57        | 2049.88        |  |  | 4260         |
|                    | Thml+Gas     | 117.06        | 2267.84        |  |  | 4840         |
|                    | Hydro        | 10.77         | 167.14         |  |  | 1271         |
|                    | <b>Total</b> | <b>127.83</b> | <b>2434.98</b> |  |  | <b>6111</b>  |
| <b>State Total</b> |              | <b>246.63</b> | <b>4177.32</b> |  |  | <b>16379</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 18/Apr/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                  | 4161        | 943   | 568   | 5672   | 741   | 2577         | 4423        | 4529        | -555         | -420                 | 13122                   | 70                   | 13192                       | 2068                         | 15260           | 49.96         |
| 2                  | 4138        | 769   | 568   | 5475   | 723   | 2590         | 4217        | 4293        | -460         | -209                 | 12882                   | 174                  | 13056                       | 1880                         | 14936           | 49.92         |
| 3                  | 4206        | 649   | 569   | 5424   | 733   | 2576         | 4119        | 4253        | -475         | -152                 | 12834                   | 190                  | 13024                       | 1777                         | 14801           | 50.03         |
| 4                  | 4179        | 483   | 569   | 5231   | 559   | 2562         | 4150        | 4296        | -468         | -140                 | 12508                   | 209                  | 12717                       | 1757                         | 14474           | 50.00         |
| 5                  | 4221        | 556   | 569   | 5346   | 558   | 2560         | 4142        | 4142        | -449         | -82                  | 12524                   | 254                  | 12778                       | 1701                         | 14479           | 49.92         |
| 6                  | 4218        | 971   | 569   | 5758   | 443   | 2566         | 4133        | 4090        | -439         | -108                 | 12749                   | 417                  | 13166                       | 1725                         | 14891           | 49.86         |
| 7                  | 4418        | 680   | 573   | 5671   | 408   | 2548         | 4341        | 4320        | -454         | -217                 | 12730                   | 828                  | 13558                       | 1835                         | 15393           | 50.02         |
| 8                  | 4411        | 646   | 570   | 5627   | 382   | 2546         | 4545        | 4342        | -475         | -337                 | 12560                   | 806                  | 13366                       | 1972                         | 15338           | 50.06         |
| 9                  | 4418        | 555   | 573   | 5546   | 536   | 2585         | 4677        | 4894        | -602         | -361                 | 13200                   | 738                  | 13938                       | 2089                         | 16027           | 50.01         |
| 10                 | 4311        | 788   | 571   | 5670   | 373   | 2584         | 5359        | 5411        | -796         | -696                 | 13342                   | 567                  | 13909                       | 2608                         | 16517           | 49.93         |
| 11                 | 4331        | 770   | 564   | 5665   | 366   | 2574         | 5658        | 5566        | -928         | -812                 | 13359                   | 605                  | 13964                       | 2853                         | 16817           | 50.01         |
| 12                 | 4381        | 449   | 566   | 5396   | 427   | 2563         | 5879        | 5319        | -1003        | -832                 | 12873                   | 735                  | 13608                       | 2884                         | 16492           | 50.00         |
| 13                 | 4306        | 208   | 566   | 5080   | 491   | 2564         | 5761        | 5288        | -993         | -909                 | 12514                   | 920                  | 13434                       | 2898                         | 16332           | 50.06         |
| 14                 | 4296        | 183   | 564   | 5043   | 450   | 2539         | 5607        | 5321        | -949         | -833                 | 12520                   | 784                  | 13304                       | 2781                         | 16085           | 50.05         |
| 15                 | 4337        | 183   | 563   | 5083   | 563   | 2427         | 5473        | 5420        | -935         | -831                 | 12662                   | 603                  | 13265                       | 2831                         | 16096           | 49.96         |
| 16                 | 4330        | 187   | 561   | 5078   | 658   | 2416         | 5839        | 5805        | -957         | -863                 | 13094                   | 481                  | 13575                       | 2841                         | 16416           | 50.01         |
| 17                 | 4322        | 181   | 557   | 5060   | 836   | 2433         | 5388        | 5238        | -946         | -857                 | 12710                   | 416                  | 13126                       | 2823                         | 15949           | 49.97         |
| 18                 | 4412        | 185   | 561   | 5158   | 840   | 2406         | 4707        | 4560        | -841         | -1001                | 11969                   | 288                  | 12257                       | 2740                         | 14997           | 50.11         |
| 19                 | 4431        | 199   | 556   | 5186   | 813   | 2457         | 4573        | 4209        | -689         | -1005                | 11670                   | 175                  | 11845                       | 2649                         | 14494           | 50.05         |
| 20                 | 4379        | 449   | 568   | 5396   | 796   | 2448         | 4605        | 4605        | -673         | -924                 | 12354                   | 378                  | 12732                       | 2724                         | 15456           | 49.97         |
| 21                 | 4381        | 248   | 565   | 5194   | 720   | 2526         | 4555        | 4526        | -666         | -754                 | 12254                   | 256                  | 12510                       | 2614                         | 15124           | 49.98         |
| 22                 | 4346        | 181   | 569   | 5096   | 707   | 2558         | 4547        | 4419        | -650         | -549                 | 12258                   | 103                  | 12361                       | 2461                         | 14822           | 49.94         |
| 23                 | 4314        | 181   | 530   | 5025   | 823   | 2593         | 4951        | 4672        | -681         | -606                 | 12547                   | 55                   | 12602                       | 2327                         | 14929           | 49.96         |
| 24                 | 4326        | 126   | 494   | 4946   | 824   | 2606         | 5040        | 4842        | -671         | -541                 | 12682                   | 38                   | 12720                       | 2239                         | 14959           | 50.00         |
| MUs                | 103.57      | 10.77 | 13.48 | 127.83 | 14.77 | 60.80        | 116.69      | 114.36      | -16.76       | -14.04               | 303.92                  | 10.09                | 314.01                      | 57.08                        | 371.08          | 49.99         |

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 18/Apr/2013**

Position as on 6.30 Hrs of 19/Apr/2013

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                                                    | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|---------------------------------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                                                     |               |
| Koradi Unit 5           | 200      | 16/09/2012   | 04.23        |            | Continued. | C.O.H.,Generator Stator Replacement.                                |               |
| Parli Unit 4            | 210      | 28/11/2012   | 02.37        |            | Continued. | water shortage.                                                     |               |
| Koyna Unit 12           | 80       | 29/11/2012   | 08.30        |            | Continued. | A/OH.                                                               |               |
| Cent_Sect Tarapur 2     | 80       | 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.                                                     |               |
| Cent_Sect TARAPUR-3     | 540      | 30/03/2013   | 22.30        |            | Continued. | AOH.                                                                |               |
| Koyna Unit 2            | 75       | 15/04/2013   | 07.10        |            | Continued. | Realignment work.                                                   | 30/04/2013    |
| Chandrapur Unit 1       | 210      | 15/04/2013   | 23.42        |            | Continued. | Boiler validity ext.                                                |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                                                     |               |
| Dabhol 2B               | 230      | 03/01/2013   | 13.29        |            | Continued. | Gas shortage.                                                       |               |
| CPP Adani U1            | 660      | 31/01/2013   | 17:05        |            | Continued. | No Schedule.                                                        |               |
| Dabhol 2A               | 230      | 06/02/2013   | 21.32        |            | Continued. | Gas Shortage                                                        |               |
| Dabhol 2X               | 290      | 06/02/2013   | 21.32        |            | Continued. | Gas Shortage                                                        |               |
| Dabhol 1B               | 230      | 13/04/2013   | 01.22        | 18/04/2013 | 13:15      | Gas Shortage.                                                       |               |
| Dabhol 1A               | 230      | 14/04/2013   | 01.22        | 18/04/2013 | 05.50      | Gas Shortage.                                                       |               |
| Dabhol 1X               | 290      | 14/04/2013   | 01.24        | 18/04/2013 | 10:11      | Gas Shortage.                                                       |               |
| Bhusawal Unit 5         | 500      | 16/04/2013   | 04.25        |            | Continued. | Furnace Pressure High.                                              |               |
| Hydro GhatgharU2        | 125      | 16/04/2013   | 10.30        |            | Continued. | Water seepage from turbine spiral casing foundation.(4 days outage) |               |
| CPP WPCL U-3            | 135      | 16/04/2013   | 18.30        |            | Continued. | Filter replacement.                                                 |               |
| Hydro GhatgharU1        | 125      | 16/04/2013   | 20.00        |            | Continued. | While working on U-2,Water leakage observed in penstock.            |               |
| Chandrapur Unit 5       | 500      | 17/04/2013   | 20.45        |            | Continued. | Boiler tube leakage.                                                | 20/04/2013    |
| Nasik Unit 4            | 210      | 18/04/2013   | 12:15        |            | Continued. | Boiler Tube Leakage.                                                |               |
| Tata Trombay 7B         | 60       | 19/04/2013   | 01:12        |            | Continued. | Boiler Tube Leakage.                                                |               |
| Tata Trombay 7A         | 120      | 19/04/2013   | 01:24        |            | Continued. | Due to Open cycle.                                                  |               |
| Koradi Unit 6           | 210      | 19/04/2013   | 02:06        |            | Continued. | Furnace Pressure Low.                                               |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 18/Apr/2013**

Position as on 6.30 Hrs of 19/Apr/2013

| Name of Line                                      | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                    |
|---------------------------------------------------|--------------|--------------|-----------------------------------|-------------------|---------------------------------------------------------------------|
| <b>InterState</b>                                 |              |              |                                   |                   |                                                                     |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                     |
| Tarapur - Boiser                                  | 13/04/2013   | 10.33        |                                   | Continued.        | Mumbai Stengthing Work & Now Line Tarapur-Ghodbunder.(one month)    |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                     |
| Kolhapur-Solapur(PGCIL)-I                         | 18/04/2013   | 10:07        | 18/04/2013                        | 16:32             | PMU Work.                                                           |
| Koradi-Satpur                                     | 18/04/2013   | 10:45        | 18/04/2013                        | 13:11             | PGCIL Outage.                                                       |
| Parly(PG)- Solapur(PG) - I                        | 18/04/2013   | 12:16        | 18/04/2013                        | 12:45             | PMU Work.                                                           |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                     |
| MUDSHINGI-CHIKODI                                 | 18/04/2013   | 10:08        | 18/04/2013                        | 21:44             | PMU Work.                                                           |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                     |
| Seoni-Wardha-II 765KV.                            | 02/04/2013   | 18.01        |                                   | Continued.        | Over Voltage.                                                       |
| Dhule - S'Sarovar- II                             | 16/04/2013   | 18.13        |                                   | Continued.        | Over Voltage.                                                       |
| Kolhapur-Solapur (PG) II                          | 17/04/2013   | 16.19        | 18/04/2013                        | 10:04             | Over Voltage.                                                       |
| Kolhapur - Mapusa - II                            | 17/04/2013   | 20.21        | 18/04/2013                        | 08:02             | Over Voltage.                                                       |
| Kolhapur-Solapur (PG) II                          | 18/04/2013   | 16:37        |                                   | Continued.        | Over Voltage.                                                       |
| Kolhapur - Mapusa - I                             | 18/04/2013   | 17:11        |                                   | Continued.        | Over Voltage.                                                       |
| <b>IntraState</b>                                 |              |              |                                   |                   |                                                                     |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                     |
| Khadka - Deepnagar - II                           | 18/04/2013   | 09:33        | 18/04/2013                        | 17:46             | Relay Testing.                                                      |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                     |
| Ghodbandar - Bhoisor (MSETCL)                     | 13/04/2013   | 10.09        |                                   | Continued.        | Mumbai Strengthening Work.                                          |
| Kandalgaon - Topworth                             | 15/04/2013   | 08.20        |                                   | Continued.        | Repl.of CB under JICA II at K'gaon                                  |
| Wardha-RLY TSS I                                  | 15/04/2013   | 10.36        |                                   | Continued.        | Repl of CB under LES.                                               |
| Bhugaon-Pusad                                     | 18/04/2013   | 06:11        | 18/04/2013                        | 18:38             | Stringing work for 220 KV Ghatodi, LILO of 220 KV Pusad Nanded Ckt. |
| Yavatmal-Pusad                                    | 18/04/2013   | 06:11        | 18/04/2013                        | 18:38             | Stringing work for 220 KV Ghatodi, LILO of 220 KV Pusad Nanded Ckt. |
| Main Bus - I @ Kathapur                           | 18/04/2013   | 08:36        | 18/04/2013                        | 16:56             | Stringing of 220 KV Main Bus extension.                             |
| Theur - Flagship                                  | 18/04/2013   | 09:00        | 18/04/2013                        | 18:48             | Armouring between Loc. No. 94 & 95.                                 |
| Lonikand-Theur - I                                | 18/04/2013   | 09:11        | 18/04/2013                        | 16:10             | Attending Hot Spot on R,Y Phase line Isolator.                      |
| Talangade - Mudshingi - I                         | 18/04/2013   | 10:15        | 18/04/2013                        | 18:39             | Replacement of Old Disc Insulator.                                  |
| Wardha Power - Warora-I                           | 18/04/2013   | 11:05        | 18/04/2013                        | 18:12             | Installation of Special Energy Meter.                               |
| Lonikand -Theur - II                              | 18/04/2013   | 16:16        | 18/04/2013                        | 18:45             | Hot Spot on B-Ph Isolator attending.                                |
| <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.                                    |
| 400/220KV 500MVA ICT-II at Warora                 | 07/02/2013   | 17.57        |                                   | Continued.        | Handtripped                                                         |
| Bhusawal - Deepnagar - I                          | 05/04/2013   | 09.26        |                                   | Continued.        | Over Voltage.                                                       |
| Karad - Kolhapur - II                             | 17/04/2013   | 16.13        | 18/04/2013                        | 06:50             | Over Voltage.                                                       |
| Bhusawal- Aurangabad                              | 17/04/2013   | 17.04        |                                   | Continued.        | Over Voltage.                                                       |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 18/Apr/2013**

Position as on 6.30 Hrs of 19/Apr/2013

| Name of Line                                | Tripped Date | Tripped Time | Synchronised Date               | Synchronised Time | Reason of Outage                                                              |
|---------------------------------------------|--------------|--------------|---------------------------------|-------------------|-------------------------------------------------------------------------------|
| Padgha - Nagothane - I                      | 17/04/2013   | 23.11        | 18/04/2013                      | 00.04             | Isolator problem at Padgha end. Line is on TBC).                              |
| Karad - Kolhapur - II                       | 18/04/2013   | 21:55        |                                 | Continued.        | Over Voltage.                                                                 |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type HAND TRIPPED</b> |                   |                                                                               |
| Chikhali - Jalna - II                       | 12/04/2013   | 17.57        |                                 | Continued.        | To Control Over Loading of 220KV Paras-Chikhili.                              |
| Murud - Girawli.                            | 18/04/2013   | 05.12        | 18/04/2013                      | 18:57             | To control line loading on Parli ICT.                                         |
| Hingoli-Pusad                               | 18/04/2013   | 06.04        | 18/04/2013                      | 18:40             | To control line loading on Parli ICT.                                         |
| <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.                    |
| Warora-Tiroda-I                             | 02/04/2013   | 14.05        |                                 | Continued.        | Over Voltage.                                                                 |
| Padgha - Nagothane - I                      | 18/04/2013   | 04:06        | 18/04/2013                      | 19:13             | Over Voltage (10:22Hrs/18/04/2013 availing opp. outage for CVT Testing work.) |
| Lonikand - Parli - I                        | 18/04/2013   | 14:32        | 18/04/2013                      | 15:20             | Dist. Protn.                                                                  |
| <b>Voltage Level : 132KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                   |                                                                               |
| Durgowada - Daryapur                        | 15/04/2013   | 03.45        |                                 | Continued.        | 25 MVA R Ph.C T Burst.                                                        |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 19/Apr/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 0           |
| Unit 7             | 210                   | 150         |
|                    | <b>620</b>            | <b>150</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 150         |
| Unit 4             | 500                   | 330         |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>630</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                   | 0           |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1410</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 220         |
| Unit 4             | 250                   | 250         |
|                    | <b>500</b>            | <b>470</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 160         |
| Unit 5             | 500                   | 500         |
|                    | <b>1340</b>           | <b>1140</b> |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 195         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 195         |
|                    | <b>630</b>            | <b>390</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 600         |
|                    | <b>852</b>            | <b>600</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 530         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>1020</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 36          |
| VTRNA              | 60                    | 60          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 2           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 14          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 0           |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>252</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                  | 1005        |
| WARDHA           | 405                   | 328         |
| Adani            | 1320                  | 617         |
| Other CPPs       | 300                   | 200         |
|                  | <b>3225</b>           | <b>2150</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 0           |
| Trombay 7B       | 60                    | 0           |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 422         |
|                  | <b>2024</b>           | <b>1672</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 5736        |
|                  | <b>3455</b>           | <b>5736</b> |