



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**20/Apr/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 20/Apr/2013 SATURDAY**

| <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                | 109.224        | 2259.678        | 1) Gujrat                      | 8.870          | 258.701         |
| 2) Hydro                  | 5.206          | 178.298         | 2) Madhya Pradesh              | 19.278         | 397.175         |
| 3) Gas                    | 13.724         | 245.986         | 3) Chattisgarh                 | 8.030          | 160.060         |
| <b>Total MSGENCO</b>      | <b>128.154</b> | <b>2683.962</b> | 4) Maharashtra                 | 60.821         | 1298.381        |
| <b>B) 1) JSW JAIGAD</b>   | 24.642         | 490.296         | 5) Goa                         | -5.845         | -114.477        |
| 2) WPCL                   | 7.345          | 146.405         | 6) TAPS 1&2 Injection          | 3.958          | 52.778          |
| 3) ADANI                  | 14.630         | 237.160         | 7) RGPPL Injection             | 27.029         | 391.334         |
| 4) Other CPP / IPP        | 12.534         | 222.497         | 8) Pench (Excess)              | -0.190         | -4.656          |
| 5) Wind Generation        | 9.986          | 219.073         | <b># Total Cent. Sector</b>    | <b>121.951</b> | <b>2439.296</b> |
| 6) PENCH (MS)             | 0.190          | 4.656           | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -17.345        | -272.324        |
| 1) TPCL Thermal           | 21.935         | 510.118         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 3.575          | 75.178          | 1) MSEDCL Bilateral            | 41.529         | 885.048         |
| <b>TOTAL TPCL</b>         | <b>25.510</b>  | <b>585.296</b>  | Include PX                     | 1.419          | 140.417         |
| 3) REL Thermal            | 12.582         | 251.219         | 2) MUMBAI Bilateral            | 14.762         | 302.994         |
| <b>D) STATE</b>           |                |                 | Include PX                     | 1.803          | 72.734          |
| 1) Thermal (A1+C1+C3)     | 143.741        | 3021.015        | 3) MUMBAI Schedule             | 14.762         | 302.994         |
| 2) Hydro (A2+B5+C2)       | 8.971          | 258.132         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 13.724         | 245.986         | 1) MSEDCL                      | 302.087        | 6171.021        |
| 4) Wind (B4)              | 9.986          | 219.073         | 2) TPCL                        | 36.001         | 728.080         |
| 5) CPP (B1+B2+B3)         | 59.151         | 873.828         | 3) REL                         | 19.435         | 380.688         |
| <b>TOTAL STATE</b>        | <b>235.573</b> | <b>4618.034</b> | <b>TOTAL STATE</b>             | <b>357.523</b> | <b>7279.789</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 5 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 4499                             | 4508                             | 4393                             |
| MSGENCO Hydro                   | 342                              | 262                              | 131                              |
| MSGENCO Gas                     | 591                              | 585                              | 546                              |
| <b>MSGENCO Total Generation</b> | <b>5432</b>                      | <b>5355</b>                      | <b>5070</b>                      |
| <b>Central Sector Receipt</b>   | <b>6513</b>                      | <b>5124</b>                      | <b>4421</b>                      |
| <b>WIND</b>                     | <b>169</b>                       | <b>687</b>                       | <b>450</b>                       |
| <b>CPP / IPP</b>                | <b>2450</b>                      | <b>2539</b>                      | <b>2358</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-963</b>                      | <b>-918</b>                      | <b>-461</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>13601</b>                     | <b>12787</b>                     | <b>11838</b>                     |
| <b>Load Shedding</b>            | <b>743</b>                       | <b>233</b>                       | <b>172</b>                       |
| <b>MSEDCL DEMAND</b>            | <b>14344</b>                     | <b>13020</b>                     | <b>12010</b>                     |
| <b>TPCL GENERATION</b>          | <b>1292</b>                      | <b>1174</b>                      | <b>755</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>523</b>                       | <b>523</b>                       | <b>525</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2778</b>                      | <b>2615</b>                      | <b>1741</b>                      |
| <b>STATE DEMAND MET</b>         | <b>16379</b>                     | <b>15402</b>                     | <b>13579</b>                     |
| <b>STATE DEMAND</b>             | <b>17122</b>                     | <b>15635</b>                     | <b>13751</b>                     |
| <b>Frequency (Hz)</b>           | <b>50.03</b>                     | <b>50.10</b>                     | <b>50.08</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.57 Hz at 17.06 Hrs</b> | <b>49.74 Hz at 10.46 Hrs</b> | <b>50.08</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 20/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           | 4.00        | 74.66         | 180      | 160      | 165      |
| Unit 7           | 3.94        | 79.83         | 180      | 140      | 165      |
| Total            | 7.94        | 154.49        |          |          | 330      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.74        | 77.27         | 170      | 140      | 150      |
| Unit 3           | 3.72        | 77.80         | 165      | 140      | 160      |
| Unit 4           | 8.92        | 157.99        | 460      | 285      | 430      |
| Unit 5           | 1.51        | 47.21         | 265      | 0        | 0        |
| Total            | 17.89       | 360.27        |          |          | 740      |
| 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           | 0.10        | 47.55         | 49       | 0        | 0        |
| Unit 2           | 3.04        | 73.29         | 136      | 120      | 130      |
| Unit 3           | 5.01        | 83.04         | 212      | 203      | 210      |
| Unit 4           | 4.50        | 87.96         | 200      | 167      | 200      |
| Unit 5           | 7.83        | 132.76        | 431      | 0        | 300      |
| Unit 6           | 10.66       | 191.81        | 450      | 430      | 450      |
| Unit 7           | 9.52        | 184.37        | 415      | 360      | 400      |
| Total            | 40.67       | 800.76        |          |          | 1690     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.81        | 116.27        | 250      | 0        | 250      |
| Unit 4           | 5.79        | 103.48        | 259      | 202      | 250      |
| Total            | 10.59       | 219.74        |          |          | 500      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.44        | 73.96         | 175      | 105      | 170      |
| Unit 2           | 3.78        | 69.66         | 165      | 145      | 160      |
| Unit 3           | 4.44        | 76.53         | 211      | 162      | 170      |
| Unit 4           | 4.34        | 81.59         | 201      | 168      | 180      |
| Unit 5           | 7.40        | 178.67        | 376      | 180      | 350      |
| Total            | 23.39       | 480.42        |          |          | 1030     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.34        | 88.72         | 190      | 170      | 195      |
| Unit 4           | 0.00        | 65.08         | 0        | 0        | 0        |
| Unit 5           | 4.41        | 90.20         | 198      | 166      | 195      |
| Total            | 8.74        | 244.00        |          |          | 390      |
| Uran             |             |               |          |          |          |
| All Units        | 13.72       | 245.99        | 594      | 544      | 620      |
| Total            | 13.72       | 245.99        |          |          | 620      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.19        | 4.66          | 47       | 0        |          |
| Total            | 0.19        | 4.66          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.63        | 49.32         | 290      | 40       | 530      |
| Stage 4          | 0.00        | 22.06         | 0        | 0        | 250      |
| Stage 3          | 0.14        | 15.93         | 74       | 0        | 240      |
| Kovna 12&4 Total | 1.63        | 71.38         |          |          | 780      |

| Generating unit  | Generation   |                |          |          | OLC (MW)    |
|------------------|--------------|----------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus)  | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>1.77</b>  | <b>87.32</b>   |          |          | <b>1020</b> |
| <b>Hydro</b>     |              |                |          |          |             |
| KDPH             | 0.87         | 15.19          | 37       | 36       | 36          |
| VTRNA            | 0.95         | 19.27          | 61       | 0        | 60          |
| TILLARI          | 0.36         | 7.04           | 60       | 0        | 60          |
| BHTGR/VEER       | 0.05         | 0.93           | 2        | 2        | 2           |
| BHIRA T.R.       | 0.18         | 3.68           | 77       | 0        | 80          |
| RNGR+BHTSA       | 0.30         | 6.20           | 13       | 12       | 14          |
| BHANDARDRA       | 0.00         | 1.70           | 0        | 0        | 0           |
| ELDARY           | 0.00         | 0.00           | 0        | 0        | 0           |
| SMLHY PTN        | 0.73         | 19.20          | 31       | 30       | 0           |
| GHATGHAR         | 0.00         | 17.78          | 0        | 0        | 0           |
| <b>Total</b>     | <b>3.43</b>  | <b>90.98</b>   |          |          | <b>252</b>  |
| <b>Wind</b>      |              |                |          |          |             |
| MalharPeth       | 0.65         | 10.30          |          |          |             |
| Vankuswadi       | 0.86         | 13.97          |          |          |             |
| ATIT             | 0.35         | 4.17           |          |          |             |
| Kale             | 0.76         | 5.72           |          |          |             |
| Satara           | 0.49         | 18.42          |          |          |             |
| Shirala          | 0.32         | 7.43           |          |          |             |
| K Mahankal       | 0.48         | 13.38          |          |          |             |
| Supa             | 0.09         | 2.62           |          |          |             |
| Vita             | 1.00         | 23.80          |          |          |             |
| Dondaicha        | 3.06         | 82.17          |          |          |             |
| Sakri            | 0.45         | 10.44          |          |          |             |
| Nandurbar        | 0.15         | 8.72           |          |          |             |
| Khandke          | 0.50         | 9.69           |          |          |             |
| Khaparale        | 0.84         | 8.24           |          |          |             |
| <b>Total</b>     | <b>9.99</b>  | <b>219.07</b>  |          |          |             |
| <b>CPP</b>       |              |                |          |          |             |
| JSW JAIGAD       | 24.64        | 490.30         | 1112     | 938      | 1005        |
| WARDHA           | 7.34         | 146.40         | 326      | 216      | 328         |
| Adani            | 14.63        | 237.16         | 620      | 600      | 617         |
| Other CPPs       | 12.53        | 222.50         |          |          | 200         |
| <b>Total</b>     | <b>59.15</b> | <b>1096.36</b> |          |          | <b>2150</b> |
| <b>Tata</b>      |              |                |          |          |             |
| Trombay 4        | 0.00         | 0.00           | 0        | 0        | 0           |
| Trombay 5        | 11.70        | 220.39         | 503      | 355      | 500         |
| Trombay 6        | 4.09         | 87.50          | 217      | 147      | 500         |
| Trombay 7A       | 0.14         | 53.22          | 67       | 0        | 120         |
| Trombay 7B       | 0.00         | 29.00          | 0        | 0        | 60          |
| Trombay 8        | 6.01         | 120.00         | 253      | 246      | 250         |
| TATA Hydro       | 3.58         | 75.18          | 359      | 0        | 447         |
| <b>Total</b>     | <b>25.51</b> | <b>585.30</b>  |          |          | <b>1877</b> |
| <b>REL</b>       |              |                |          |          |             |
| 1&2              | 12.58        | 251.22         | 526      | 522      | 500         |
| <b>Total</b>     | <b>12.58</b> | <b>251.22</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |                |          |          |             |
| Share            |              |                |          |          | 5707        |
| <b>Total</b>     |              |                |          |          | <b>5707</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS PG CL           | Thermal      | 109.22        | 2259.68        |  |  | 4680         |
|                    | Thml+Gas     | 122.95        | 2505.66        |  |  | 5300         |
|                    | Hydro        | 5.21          | 178.30         |  |  | 1272         |
|                    | <b>Total</b> | <b>128.15</b> | <b>2683.96</b> |  |  | <b>6572</b>  |
| <b>State Total</b> |              | <b>235.57</b> | <b>4618.03</b> |  |  | <b>16806</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 20/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                  | 4291        | 121  | 544   | 4956   | 299  | 2557         | 4848        | 5026        | -542         | -574                 | 12264                   | 32                   | 12296                       | 2109                         | 14405           | 50.05         |
| 2                  | 4309        | 121  | 544   | 4974   | 204  | 2565         | 4776        | 4844        | -439         | -436                 | 12151                   | 101                  | 12252                       | 1910                         | 14162           | 49.98         |
| 3                  | 4254        | 126  | 549   | 4929   | 510  | 2537         | 4800        | 4529        | -459         | -396                 | 12109                   | 115                  | 12224                       | 1819                         | 14043           | 50.20         |
| 4                  | 4333        | 121  | 546   | 5000   | 658  | 2424         | 4773        | 4266        | -436         | -364                 | 11984                   | 129                  | 12113                       | 1760                         | 13873           | 50.31         |
| 5                  | 4393        | 131  | 546   | 5070   | 450  | 2358         | 4765        | 4421        | -424         | -461                 | 11838                   | 172                  | 12010                       | 1741                         | 13751           | 50.08         |
| 6                  | 4514        | 121  | 552   | 5187   | 324  | 2347         | 4747        | 4810        | -410         | -499                 | 12169                   | 401                  | 12570                       | 1798                         | 14368           | 50.02         |
| 7                  | 4589        | 121  | 553   | 5263   | 306  | 2364         | 4930        | 5048        | -421         | -402                 | 12579                   | 971                  | 13550                       | 1815                         | 15365           | 50.17         |
| 8                  | 4697        | 163  | 555   | 5415   | 392  | 2449         | 4936        | 5167        | -434         | -477                 | 12946                   | 954                  | 13900                       | 1915                         | 15815           | 50.04         |
| 9                  | 4675        | 196  | 575   | 5446   | 152  | 2447         | 5001        | 5415        | -500         | -600                 | 12860                   | 886                  | 13746                       | 2134                         | 15880           | 50.03         |
| 10                 | 4651        | 236  | 575   | 5462   | 147  | 2559         | 5540        | 5756        | -686         | -820                 | 13104                   | 646                  | 13750                       | 2477                         | 16227           | 50.04         |
| 11                 | 4552        | 280  | 585   | 5417   | 164  | 2544         | 5834        | 6278        | -782         | -981                 | 13422                   | 588                  | 14010                       | 2717                         | 16727           | 50.03         |
| 12                 | 4499        | 342  | 591   | 5432   | 169  | 2450         | 5895        | 6513        | -810         | -963                 | 13601                   | 743                  | 14344                       | 2778                         | 17122           | 50.03         |
| 13                 | 4434        | 408  | 594   | 5436   | 251  | 2577         | 5548        | 5960        | -830         | -909                 | 13315                   | 912                  | 14227                       | 2762                         | 16989           | 50.14         |
| 14                 | 4442        | 190  | 592   | 5224   | 366  | 2578         | 5587        | 5284        | -810         | -863                 | 12589                   | 733                  | 13322                       | 2640                         | 15962           | 50.10         |
| 15                 | 4418        | 336  | 592   | 5346   | 394  | 2577         | 5445        | 5837        | -820         | -853                 | 13301                   | 369                  | 13670                       | 2652                         | 16322           | 50.00         |
| 16                 | 4444        | 438  | 589   | 5471   | 473  | 2567         | 5476        | 5558        | -819         | -840                 | 13229                   | 291                  | 13520                       | 2650                         | 16170           | 50.02         |
| 17                 | 4508        | 262  | 585   | 5355   | 687  | 2539         | 5177        | 5124        | -720         | -918                 | 12787                   | 233                  | 13020                       | 2615                         | 15635           | 50.10         |
| 18                 | 4736        | 182  | 588   | 5506   | 838  | 2376         | 4288        | 4147        | -538         | -1087                | 11780                   | 214                  | 11994                       | 2545                         | 14539           | 50.21         |
| 19                 | 4766        | 199  | 586   | 5551   | 585  | 2396         | 4347        | 3949        | -597         | -911                 | 11597                   | 81                   | 11678                       | 2470                         | 14148           | 50.02         |
| 20                 | 4804        | 374  | 587   | 5765   | 530  | 2423         | 4785        | 4547        | -723         | -865                 | 12447                   | 85                   | 12532                       | 2593                         | 15125           | 50.05         |
| 21                 | 4792        | 251  | 587   | 5630   | 607  | 2470         | 4964        | 4555        | -678         | -935                 | 12374                   | 45                   | 12419                       | 2585                         | 15004           | 50.07         |
| 22                 | 4743        | 183  | 574   | 5500   | 591  | 2390         | 4819        | 4844        | -624         | -813                 | 12537                   | 15                   | 12552                       | 2444                         | 14996           | 50.10         |
| 23                 | 4686        | 182  | 567   | 5435   | 474  | 2318         | 4638        | 4971        | -629         | -678                 | 12545                   | 3                    | 12548                       | 2306                         | 14854           | 49.99         |
| 24                 | 4694        | 122  | 568   | 5384   | 415  | 2339         | 4557        | 5102        | -630         | -700                 | 12559                   | 6                    | 12565                       | 2202                         | 14767           | 50.13         |
| MUs                | 109.2<br>2  | 5.21 | 13.72 | 128.15 | 9.99 | 59.15        | 120.48      | 121.95      | -14.76       | -17.34               | 302.09                  | 8.72                 | 310.81                      | 55.44                        | 366.25          | 50.08         |

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 20/Apr/2013**

Position as on 6.30 Hrs of 21/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        | 20/04/2013 | 20.44      | 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                                                        |               |
| Bhusawal Unit 5         | 500      | 16/04/2013   | 04.25        | 20/04/2013 | 14.25      | 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        | 21/04/2013 | 10.25      | 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        | 20/04/2013 | 01.59      | Boiler tube leakage.                                                |               |
| Nasik Unit 4            | 210      | 18/04/2013   | 12:15        |            | Continued. | Boiler Tube Leakage.                                                |               |
| Tata Trombay 7B         | 60       | 19/04/2013   | 01:12        | 21/04/2013 | 13.49      | Boiler Tube Leakage.                                                |               |
| Tata Trombay 7A         | 120      | 19/04/2013   | 01:24        | 20/04/2013 | 20.56      | Due to Open cycle.                                                  |               |
| Chandrapur Unit 5       | 500      | 20/04/2013   | 02.03        | 20/04/2013 | 02.53      | Tripped                                                             |               |
| Paras Unit 3            | 250      | 20/04/2013   | 21.30        | 21/04/2013 | 16.36      | To Attend Main Steam Line Leakage.                                  |               |
| CPP WPCL U-1            | 135      | 20/04/2013   | 21.59        |            | Continued. | F D Fan Problem.                                                    |               |
| Tata Trombay 7A         | 120      | 21/04/2013   | 00.00        | 21/04/2013 | 10.03      | Demper Problem.                                                     |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 20/Apr/2013**

Position as on 6.30 Hrs of 21/Apr/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> |                   |                                                                  |
| Dhule-Sar'Sarovar - I                             | 20/04/2013   | 10.15        |                                   | Continued.        | Repl.of Faulty Disc Insulator.                                   |
| Akola - Wardha - I                                | 21/04/2013   | 09.03        | 21/04/2013                        | 15.22             | CVT Replacement.                                                 |
| <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) |
| Tarapur-Borivali                                  | 20/04/2013   | 08.15        | 20/04/2013                        | 20.59             | Removal of Trmporary Jumpering on PG Clamp.                      |
| Tarapur-Borivali                                  | 21/04/2013   | 09.33        | 21/04/2013                        | 19.25             | Q.M.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        | 20/04/2013                        | 09.14             | Over Voltage.                                                    |
| Kolhapur-Mapusa-II                                | 19/04/2013   | 16.39        | 20/04/2013                        | 09.40             | Over Voltage                                                     |
| Kolhapur - Mapusa - I                             | 20/04/2013   | 16.42        | 21/04/2013                        | 09.38             | Over Voltage.                                                    |
| Kolhapur-Mapusa-II                                | 21/04/2013   | 16.31        |                                   | Continued.        | Over Voltage.                                                    |
| <b>IntraState</b>                                 |              |              |                                   |                   |                                                                  |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                  |
| Ghodbandar - Bhoisor (MSETCL)                     | 13/04/2013   | 10.09        |                                   | Continued.        | Mumbai Strengthening Work.                                       |
| Wardha-RLY TSS I                                  | 15/04/2013   | 10.36        |                                   | Continued.        | Repl of CB under LES.                                            |
| Miraj -Ichalkarajni                               | 19/04/2013   | 15.18        |                                   | Continued.        | Distance Relay retrofitting work                                 |
| Babaleshwar - Chalisgaon                          | 20/04/2013   | 07.11        | 20/04/2013                        | 20.39             | Rectification Work.                                              |
| Hinjawadi-I - Hinjawadi-II                        | 20/04/2013   | 08.12        | 20/04/2013                        | 16.18             | Q.M.Work.                                                        |
| 220/132KV, 200MVA ICT-I at Theur                  | 20/04/2013   | 09.10        | 20/04/2013                        | 17.45             | Half Yearly Maint.                                               |
| 220/132 KV,200 MVA ICT-I at Ahamadnagar           | 20/04/2013   | 09.15        | 20/04/2013                        | 16.38             | R.M.Work.                                                        |
| Wadkhal - NDIL - I                                | 20/04/2013   | 09.30        | 20/04/2013                        | 11.15             | Isolator Maint.Work.                                             |
| Aarey-Versova                                     | 21/04/2013   | 07.32        | 21/04/2013                        | 10.03             | Conductor Repair Work.                                           |
| 220/100KV,200 MVA ICT-II at Trombay.              | 21/04/2013   | 09.00        | 21/04/2013                        | 23.44             | Oil Leakage Attending Work.                                      |
| Chakan - Mahindra Vechicles                       | 21/04/2013   | 10.27        | 21/04/2013                        | 16.49             | R.M.Work.                                                        |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                  |
| 400/220 KV 500 MVA ICT - II @ Jejuri              | 20/04/2013   | 12.50        |                                   | Continued.        | Taken on TBC LV Side Red Hot Spot.                               |
| <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.                                                    |
| Bhusawal- Aurangabad                              | 17/04/2013   | 17.04        | 21/04/2013                        | 06.44             | Over Voltage.                                                    |
| Karad - Kolhapur - II                             | 18/04/2013   | 21:55        | 20/04/2013                        | 07.23             | Over Voltage.                                                    |
| Warora - Wardha (PG) - II                         | 19/04/2013   | 19.40        |                                   | Continued.        | Sparking at B Phase CT at Wardha,Ready for Charging from         |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 20/Apr/2013**

Position as on 6.30 Hrs of 21/Apr/2013

| Name of Line                                | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                           |
|---------------------------------------------|--------------|--------------|---------------------------------|--------------------|------------------------------------------------------------|
| Karad-Kolhapur-II                           | 20/04/2013   | 17.49        | 21/04/2013                      | 06.34              | Over Voltage.                                              |
| Bhusawal- Aurangabad                        | 21/04/2013   | 09.45        |                                 | Continued.         | To Control Akola-Wardha-II.                                |
| <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-Chikhali.           |
| Vita - Lamboti                              | 20/04/2013   | 10.00        | 20/04/2013                      | 16.50              | Hand Tripped.                                              |
| <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                      | 20/04/2013   | 02.28        | 20/04/2013                      | 05.27              | Over Voltage                                               |
| Kalwa-Kharghar                              | 20/04/2013   | 03.05        | 20/04/2013                      | 07.25              | Over Voltage                                               |
| Padgha - Nagothane- II                      | 20/04/2013   | 04.34        | 20/04/2013                      | 13.04              | Distance protection                                        |
| Kalwa - Lonikand                            | 21/04/2013   | 14.35        | 21/04/2013                      | 19.23              | Distance Protection Y Ph Earth Fault.                      |
| Parli - Lamboti                             | 21/04/2013   | 18.00        | 21/04/2013                      | 19.13              | Over Voltage.                                              |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                            |
| 220/132 KV 200 MVA ICT-I @ Satana           | 20/04/2013   | 20.28        | 21/04/2013                      | 01.50              | Differential Protection.                                   |
| New Paras TPS-Alola-II                      | 21/04/2013   | 14.50        | 21/04/2013                      | 15.07              | Due to Bus Fault.                                          |
| New Paras TPS - Chikhali - II               | 21/04/2013   | 14.50        | 21/04/2013                      | 15.09              | Due to Bus Fault.                                          |
| Main Bus- I @ New Paras TPS                 | 21/04/2013   | 14.50        | 21/04/2013                      | 15.04              | Bus Bar Protection Operated While Synch.Unit-3.            |
| 220/6.6 KV 50 MVA Stn T/F @ New Paras       | 21/04/2013   | 14.50        | 21/04/2013                      | 15.17              | Due to Bus Fault.                                          |
| Bus Coupler at New Paras TPS                | 21/04/2013   | 14.50        | 21/04/2013                      | 15.04              | Due to Bus Fault.                                          |
| <b>Voltage Level : 132KV</b>                |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                            |
| Daund - Adegaon                             | 20/04/2013   | 04.05        | 20/04/2013                      | 05.55              | Transient Fault                                            |
| Chinchwad-Rahatri                           | 21/04/2013   | 10.57        | 21/04/2013                      | 11.19              | Transient Fault.                                           |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 21/Apr/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 175         |
| Unit 7             | 210                   | 150         |
|                    | <b>620</b>            | <b>325</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 165         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 500                   | 430         |
| Unit 5             | 500                   |             |
|                    | <b>1420</b>           | <b>755</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 0           |
|                    | <b>1130</b>           | <b>0</b>    |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 125         |
| Unit 3             | 210                   | 205         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1990</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 0           |
| Unit 4             | 250                   | 250         |
|                    | <b>500</b>            | <b>250</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 170         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 500                   | 350         |
|                    | <b>1340</b>           | <b>1040</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                   | 570         |
|                    | <b>852</b>            | <b>570</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                    |             |
| GHATGHAR         | 250                   |             |
|                  | <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                   | 330         |
| Adani            | 1320                  | 614         |
| Other CPPs       | 300                   | 200         |
|                  | <b>3225</b>           | <b>2149</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 0           |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1757</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 5026        |
|                  | <b>3455</b>           | <b>5026</b> |