



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**23/Jan/2012**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 23/Jan/2012 MONDAY**

| <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                | 114.596        | 2636.762        | 1) Gujrat                      | 8.917          | 113.920         |
| 2) Hydro                  | 13.821         | 226.807         | 2) Madhya Pradesh              | 22.663         | 474.537         |
| 3) Gas                    | 12.294         | 316.245         | 3) Chattisgarh                 | 12.300         | 284.380         |
| <b>Total MSGENCO</b>      | <b>140.711</b> | <b>3179.814</b> | 4) Maharashtra                 | 46.933         | 1118.211        |
| <b>B) OTHERS</b>          |                |                 | 5) Goa                         | -5.975         | -126.447        |
| 1) JSW JAIGAD             | 19.311         | 515.740         | 6) TAPS 1&2 Injection          | 6.603          | 178.131         |
| 2) WPCL                   | 7.169          | 176.998         | 7) RGPPL Injection             | 23.976         | 573.081         |
| 3) Other CPP / IPP        | 6.712          | 153.446         | 8) Pench (Excess)              | -0.312         | -7.727          |
| 4) Wind Generation        | 1.251          | 83.777          | <b># Total Cent. Sector</b>    | <b>115.105</b> | <b>2608.086</b> |
| 5) PENCH (MS)             | 0.312          | 10.010          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -6.307         | -129.494        |
| 1) TPCL Thermal           | 18.501         | 489.376         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 6.193          | 94.462          | 1) MSEDCL Bilateral            | 31.481         | 883.006         |
| <b>TOTAL TPCL</b>         | <b>24.694</b>  | <b>583.838</b>  | Include PX                     | 0.000          | 56.205          |
| 3) REL Thermal            | 12.672         | 271.530         | 2) MUMBAI Bilateral            | 7.921          | 177.596         |
| <b>D) STATE</b>           |                |                 | Include PX                     | -3.999         | -81.129         |
| 1) Thermal (A1+C1+C3)     | 145.769        | 3397.668        | 3) MUMBAI Schedule             | 7.921          | 182.839         |
| 2) Hydro (A2+B5+C2)       | 20.326         | 331.279         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 12.294         | 316.245         | 1) MSEDCL                      | 284.264        | 6598.377        |
| 4) Wind (B4)              | 1.251          | 83.777          | 2) TPCL                        | 28.974         | 660.039         |
| 5) CPP (B1+B2+B3)         | 33.192         | 846.184         | 3) REL                         | 14.699         | 324.852         |
| <b>TOTAL STATE</b>        | <b>212.832</b> | <b>4975.153</b> | <b>TOTAL STATE</b>             | <b>327.937</b> | <b>7583.268</b> |

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

| <b>PARTICULARS</b>               | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 20 Hrs</b> | <b>C. Night Minimum at 3 Hrs</b> |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                  | 4946                             | 4665                             | 4889                             |
| MSGENCO Hydro                    | 1023                             | 596                              | 152                              |
| MSGENCO Gas                      | 517                              | 513                              | 512                              |
| <b>MSGENCO Total Generation</b>  | <b>6486</b>                      | <b>5774</b>                      | <b>5553</b>                      |
| <b>Central Sector Receipt</b>    | <b>5271</b>                      | <b>5280</b>                      | <b>4162</b>                      |
| <b>WIND</b>                      | <b>37</b>                        | <b>61</b>                        | <b>63</b>                        |
| <b>CPP / IPP</b>                 | <b>1408</b>                      | <b>1449</b>                      | <b>1190</b>                      |
| <b>Exchange with Mumbai</b>      | <b>-531</b>                      | <b>-350</b>                      | <b>-63</b>                       |
| <b>MSEDCL DEMAND MET</b>         | <b>12671</b>                     | <b>12268</b>                     | <b>10905</b>                     |
| <b>Load Shedding (LS)</b>        | <b>1963</b>                      | <b>798</b>                       | <b>0</b>                         |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>14634</b>                     | <b>13066</b>                     | <b>10905</b>                     |
| <b>TPCL GENERATION</b>           | <b>1200</b>                      | <b>1403</b>                      | <b>533</b>                       |
| <b>REL GENERATION</b>            | <b>528</b>                       | <b>526</b>                       | <b>529</b>                       |
| <b>TPCL+REL DEMAND</b>           | <b>2259</b>                      | <b>2279</b>                      | <b>1125</b>                      |
| <b>STATE DEMAND MET</b>          | <b>14930</b>                     | <b>14547</b>                     | <b>12030</b>                     |
| <b>Load Management (LM)</b>      | <b>2342</b>                      | <b>3661</b>                      | <b>1620</b>                      |
| <b>Total Load Relief (LS+LM)</b> | <b>4305</b>                      | <b>4459</b>                      | <b>1620</b>                      |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>19235</b>                     | <b>19006</b>                     | <b>13650</b>                     |
| <b>Frequency (Hz)</b>            | <b>49.70</b>                     | <b>49.70</b>                     | <b>50.07</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.41 Hz at 04.03 Hrs</b> | <b>49.25 Hz at 19.48 Hrs</b> | <b>49.8</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 23/Jan/2012

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.79        | 35.90         | 174      | 128      | 170      |
| Unit 6           | 0.00        | 30.65         | 0        | 0        | 0        |
| Unit 7           | 4.02        | 92.30         | 195      | 130      | 190      |
| Total            | 7.81        | 158.84        |          |          | 360      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.97        | 77.42         | 180      | 150      | 180      |
| Unit 3           | 4.10        | 98.06         | 180      | 160      | 180      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        |          |
| Total            | 8.06        | 175.48        |          |          | 360      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 4           | 4.54        | 98.93         | 203      | 178      | 185      |
| Unit 5           | 3.47        | 61.25         | 169      | 0        | 125      |
| Unit 6           | 2.03        | 97.22         | 164      | 0        | 160      |
| Unit 7           | 0.00        | 91.89         | 0        | 0        | 0        |
| Total            | 10.04       | 349.29        |          |          | 470      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.61        | 83.93         | 154      | 147      | 160      |
| Unit 2           | 3.82        | 85.88         | 163      | 148      | 160      |
| Unit 3           | 3.81        | 87.33         | 172      | 138      | 160      |
| Unit 4           | 4.89        | 115.38        | 210      | 195      | 210      |
| Unit 5           | 11.16       | 161.22        | 480      | 430      | 475      |
| Unit 6           | 10.60       | 237.12        | 475      | 411      | 450      |
| Unit 7           | 11.30       | 220.41        | 486      | 453      | 450      |
| Total            | 49.20       | 991.28        |          |          | 2065     |
| Paras            |             |               |          |          |          |
| Unit 3           | 6.05        | 127.16        | 265      | 244      | 250      |
| Unit 4           | 5.79        | 123.31        | 256      | 158      | 250      |
| Total            | 11.84       | 250.47        |          |          | 500      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 4.23        | 101.77        | 185      | 165      | 200      |
| Unit 3           | 4.28        | 108.24        | 216      | 158      | 210      |
| Unit 4           | 5.07        | 116.41        | 220      | 202      | 210      |
| Unit 5           | 0.00        | 85.53         | 0        | 0        |          |
| Total            | 13.58       | 411.95        |          |          | 620      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 5.07        | 114.98        | 220      | 190      | 210      |
| Unit 4           | 4.92        | 111.69        | 210      | 196      | 210      |
| Unit 5           | 4.06        | 72.77         | 175      | 161      | 166      |
| Total            | 14.05       | 299.44        |          |          | 586      |
| Uran             |             |               |          |          |          |
| All Units        | 12.29       | 316.24        | 523      | 508      | 500      |
| Total            | 12.29       | 316.24        |          |          | 500      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.31        | 10.01         | 54       | 0        |          |
| Total            | 0.31        | 10.01         |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 3.32        | 50.26         | 500      | 40       | 600      |
| Stage 4          | 2.19        | 18.81         | 382      | 0        | 250      |
| Stage 3          | 1.30        | 16.12         | 160      | 0        | 320      |
| Total            | 6.80        | 85.19         |          |          | 1170     |
| Kovna 12&4 Total | 5.51        | 69.07         |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.30        | 10.79         | 19       | 0        | 0        |
| VTRNA           | 0.98        | 22.08         | 61       | 0        | 60       |
| TILLARI         | 0.39        | 9.22          | 60       | 0        | 60       |
| BHTGR/VEER      | 0.50        | 10.98         | 21       | 21       | 20       |
| BHIRA T.R.      | 0.34        | 5.08          | 82       | 0        | 80       |
| RNGR+BHTSA      | 0.36        | 8.33          | 15       | 15       | 15       |
| BHANDARDRA      | 0.72        | 5.06          | 30       | 30       | 30       |
| ELDARY          | 0.33        | 2.41          | 15       | 13       | 0        |
| SMLHY PTN       | 0.84        | 23.88         | 43       | 32       | 44       |
| GHATGHAR        | 2.25        | 43.78         | 250      | 0        | 0        |
| Total           | 7.02        | 141.62        |          |          | 309      |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.08        | 3.41          |          |          |          |
| Vankuswadi      | 0.13        | 5.62          |          |          |          |
| ATIT            | 0.02        | 1.64          |          |          |          |
| Kale            | 0.02        | 1.92          |          |          |          |
| Satara          | 0.24        | 10.26         |          |          |          |
| Shirala         | 0.07        | 2.20          |          |          |          |
| K Mahankal      | 0.05        | 5.15          |          |          |          |
| Supa            | 0.03        | 1.86          |          |          |          |
| Vita            | 0.18        | 11.64         |          |          |          |
| Dondaicha       | 0.15        | 25.72         |          |          |          |
| Sakri           | 0.04        | 3.52          |          |          |          |
| Nandurbar       | 0.05        | 2.38          |          |          |          |
| Khandke         | 0.10        | 4.75          |          |          |          |
| Khaparale       | 0.11        | 3.71          |          |          |          |
| Total           | 1.25        | 83.78         |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 19.31       | 515.74        | 939      | 705      | 970      |
| WARDHA          | 7.17        | 177.00        | 331      | 228      | 330      |
| Other CPPs      | 6.71        | 153.45        |          |          |          |
| Total           | 33.19       | 846.18        |          |          | 1300     |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 0.00        | 97.29         | 0        | 0        | 0        |
| Trombay 6       | 8.27        | 162.99        | 499      | 156      | 500      |
| Trombay 7A      | 2.95        | 64.76         | 131      | 107      | 120      |
| Trombay 7B      | 1.62        | 36.49         | 70       | 64       | 60       |
| Trombay 8       | 5.66        | 127.84        | 251      | 175      | 250      |
| TATA Hydro      | 6.19        | 94.46         | 459      | 0        | 447      |
| Total           | 24.69       | 583.84        |          |          | 1377     |
| REL             |             |               |          |          |          |
| 1&2             | 12.67       | 271.53        | 529      | 526      | 500      |
| Total           | 12.67       | 271.53        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 5020     |
| Total           |             |               |          |          | 5020     |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 114.60        | 2636.76        |  |  | 4961         |
|                    | Thml+Gas     | 126.89        | 2953.01        |  |  | 5461         |
|                    | Hydro        | 13.82         | 226.81         |  |  | 1479         |
|                    | <b>Total</b> | <b>140.71</b> | <b>3179.81</b> |  |  | <b>6940</b>  |
| <b>State Total</b> |              | <b>212.83</b> | <b>4975.15</b> |  |  | <b>15137</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/Jan/2012

| 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>RELEIF<br>(LS+LM) | MSEDCL<br>DEMAND<br>WITH LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM. WITH<br>LS+LM | FREQ.<br>(Hz) |
|--------------------|-------------|-------|-------|--------|------|--------------|-------------|-------------|--------------|----------------------|-------------------------|-----------------------------|-----------------------------|-------------------------|-----------------------------|---------------|
|                    | THM         | HY    | GAS   |        |      |              |             |             |              |                      |                         |                             |                             |                         |                             |               |
| 1                  | 4743        | 156   | 512   | 5411   | 127  | 1200         | 4505        | 4400        | -1           | -143                 | 10995                   | 1960                        | 10995                       | 1273                    | 14228                       | 49.98         |
| 2                  | 4821        | 151   | 512   | 5484   | 98   | 1190         | 4439        | 4206        | 72           | -57                  | 10921                   | 1930                        | 10921                       | 1167                    | 14018                       | 49.93         |
| 3                  | 4889        | 152   | 512   | 5553   | 63   | 1190         | 4118        | 4162        | 99           | -63                  | 10905                   | 1620                        | 10905                       | 1125                    | 13650                       | 50.07         |
| 4                  | 4912        | 162   | 512   | 5586   | 58   | 1186         | 4026        | 4193        | 110          | -35                  | 10988                   | 1775                        | 10988                       | 1097                    | 13860                       | 50.07         |
| 5                  | 4904        | 162   | 512   | 5578   | 55   | 1197         | 4052        | 4409        | 83           | -42                  | 11197                   | 1767                        | 11197                       | 1111                    | 14075                       | 50.03         |
| 6                  | 4900        | 151   | 512   | 5563   | 62   | 1337         | 4363        | 4678        | 54           | -17                  | 11623                   | 1971                        | 11736                       | 1228                    | 14822                       | 49.76         |
| 7                  | 4924        | 341   | 512   | 5777   | 64   | 1385         | 4438        | 4818        | -54          | -37                  | 12007                   | 3165                        | 13049                       | 1460                    | 16632                       | 49.60         |
| 8                  | 4928        | 620   | 512   | 6060   | 61   | 1411         | 4500        | 4745        | -160         | -115                 | 12177                   | 3938                        | 13675                       | 1640                    | 17755                       | 49.71         |
| 9                  | 4914        | 941   | 512   | 6367   | 42   | 1423         | 4553        | 4841        | -260         | -259                 | 12417                   | 3941                        | 13983                       | 1883                    | 18241                       | 49.77         |
| 10                 | 4938        | 1129  | 511   | 6578   | 46   | 1420         | 4871        | 4932        | -458         | -355                 | 12621                   | 4180                        | 14477                       | 2116                    | 18917                       | 49.76         |
| 11                 | 4946        | 1023  | 517   | 6486   | 37   | 1408         | 5173        | 5271        | -652         | -531                 | 12671                   | 4305                        | 14634                       | 2259                    | 19235                       | 49.70         |
| 12                 | 4850        | 956   | 514   | 6320   | 26   | 1411         | 5225        | 5544        | -713         | -559                 | 12742                   | 4178                        | 14572                       | 2298                    | 19218                       | 49.72         |
| 13                 | 4895        | 866   | 508   | 6269   | 27   | 1433         | 5170        | 5295        | -686         | -506                 | 12518                   | 4281                        | 14457                       | 2265                    | 19064                       | 49.75         |
| 14                 | 4738        | 917   | 509   | 6164   | 27   | 1441         | 5076        | 5377        | -618         | -450                 | 12559                   | 3940                        | 14207                       | 2157                    | 18656                       | 49.84         |
| 15                 | 4722        | 1206  | 523   | 6451   | 32   | 1435         | 4947        | 5109        | -608         | -474                 | 12573                   | 3620                        | 14054                       | 2166                    | 18359                       | 49.72         |
| 16                 | 4632        | 1479  | 511   | 6622   | 35   | 1439         | 4832        | 4832        | -613         | -445                 | 12501                   | 3670                        | 14157                       | 2183                    | 18354                       | 49.71         |
| 17                 | 4488        | 904   | 510   | 5902   | 32   | 1438         | 4841        | 4915        | -618         | -423                 | 11867                   | 4279                        | 13713                       | 2172                    | 18318                       | 49.74         |
| 18                 | 4600        | 277   | 509   | 5386   | 52   | 1442         | 4777        | 4560        | -549         | -391                 | 11064                   | 4314                        | 12465                       | 2153                    | 17531                       | 49.75         |
| 19                 | 4609        | 520   | 513   | 5642   | 58   | 1447         | 4997        | 5064        | -580         | -369                 | 11890                   | 4582                        | 12844                       | 2215                    | 18687                       | 49.78         |
| 20                 | 4665        | 596   | 513   | 5774   | 61   | 1449         | 5018        | 5280        | -475         | -350                 | 12268                   | 4459                        | 13066                       | 2279                    | 19006                       | 49.70         |
| 21                 | 4641        | 383   | 510   | 5534   | 81   | 1483         | 4969        | 4793        | -428         | -251                 | 11691                   | 4285                        | 12336                       | 2173                    | 18149                       | 49.66         |
| 22                 | 4640        | 265   | 512   | 5417   | 29   | 1446         | 4937        | 4687        | -370         | -232                 | 11398                   | 4079                        | 11860                       | 1947                    | 17424                       | 49.67         |
| 23                 | 4680        | 235   | 513   | 5428   | 38   | 1493         | 4830        | 4551        | -313         | -167                 | 11377                   | 3596                        | 11717                       | 1756                    | 16729                       | 49.85         |
| 24                 | 4617        | 229   | 513   | 5359   | 40   | 1488         | 4596        | 4443        | -184         | -36                  | 11294                   | 2967                        | 11529                       | 1550                    | 15811                       | 49.85         |
| MUs                | 114.60      | 13.82 | 12.29 | 140.71 | 1.25 | 33.19        | 113.25      | 115.10      | -7.92        | -6.31                | 284.26                  | 82.80                       | 307.54                      | 43.67                   | 410.74                      | 49.80         |

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 23/Jan/2012**

Position as on 6.30 Hrs of 24/Jan/2012

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                 | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|----------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                  |               |
| Parli Unit 3            | 210      | 12/11/2011   | 21.25        |            | Continued. | Annual Overhaul.                 | 26/01/2012    |
| Cent_Sect NTPC(K-1)     | 210      | 20/12/2011   | 13.44        |            | Continued. | Annual Overhaul.                 | 24/01/2012    |
| Khaparkheda Unit 1      | 210      | 31/12/2011   | 02.37        |            | Continued. | Annual Overhaul                  | 10/02/2012    |
| Tata Trombay 5          | 500      | 11/01/2012   | 00.19        |            | Continued. | Annual overhaul.                 | 14/02/2012    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                  |               |
| Bhusawal Unit 4         | 500      | 17/10/2011   | 03.55        |            | Continued. | Hand Tripped                     | 29/02/2012    |
| Dabhol 3B               | 230      | 12/12/2011   | 23.46        |            | Continued. | Gas shortage.                    |               |
| Dabhol 3A               | 230      | 13/12/2011   | 16.09        |            | Continued. | Gas Shortage                     |               |
| Dabhol 3X               | 290      | 13/12/2011   | 16.09        |            | Continued. | Gas Shortage                     |               |
| Cent_Sect NTPC(K-3)     | 210      | 28/12/2011   | 14.00        |            | Continued. | CW Pump Problem                  |               |
| Koradi Unit 6           | 210      | 11/01/2012   | 00.20        |            | Continued. | W/Dn,by Mahagenco.               |               |
| CPP JSW (J) U2          | 300      | 17/01/2012   | 22.27        | 23/01/2012 | 20.04      | Turbine lube oil system problem. |               |
| CPP WPCL U-4            | 135      | 21/01/2012   | 14.10        |            | Continued. | Boiler Conseovator Problem.      |               |
| Parli Unit 7            | 250      | 22/01/2012   | 01.33        |            | Continued. | Boiler Tube Leakage.             |               |
| Parli Unit 5            | 210      | 22/01/2012   | 02.17        | 23/01/2012 | 01.41      | Bottom ash problem.              |               |
| Khaparkheda Unit 5      | 500      | 22/01/2012   | 19.32        |            | Continued. | Primary water low.               |               |
| Parli Unit 6            | 250      | 23/01/2012   | 13.06        |            | Continued. | Boiler Tube Leakage.             | 27/01/2012    |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 23/Jan/2012**

Position as on 6.30 Hrs of 24/Jan/2012

| Name of Line                            | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                                                                                              |
|-----------------------------------------|--------------|--------------|-----------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>InterState</b>                       |              |              |                                   |                    |                                                                                                                                                               |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                                                                                               |
| Borivali-Tarapur                        | 29/12/2011   | 07:54        |                                   | Continued.         | Work of Conversion from D/C to M/C (60 Days Outage). Temprrory reconfigured as Tarapur-Boisar ckt-II                                                          |
| Halkarni-Amona I                        | 23/01/2012   | 07.35        |                                   | Continued.         | Erection of in lione tower jumpering for LILO arrangement for 220KV Konalkatta S/S.                                                                           |
| Tillary-Amona                           | 23/01/2012   | 07.40        |                                   | Continued.         | Erection of in lione tower jumpering for LILO arrangement for 220KV Konalkatta S/S.                                                                           |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                                                                                               |
| Parly(PG) - Wardha (PG) - I             | 11/01/2012   | 18.16        |                                   | Continued.         | Over Voltage.                                                                                                                                                 |
| Dhule-Sar'Sarovar - I                   | 22/01/2012   | 17.06        |                                   | Continued.         | Over Voltage.                                                                                                                                                 |
| Kolhapur - Mapusa - I                   | 22/01/2012   | 17.36        | 23/01/2012                        | 07.15              | Over Voltage.                                                                                                                                                 |
| Akola - Wardha - II                     | 22/01/2012   | 21.58        |                                   | Continued.         | Over Voltage.                                                                                                                                                 |
| Akola - Aurangabad - I                  | 23/01/2012   | 22.06        |                                   | Continued.         | Over Voltage.                                                                                                                                                 |
| Kolhapur-Mapusa-II                      | 23/01/2012   | 22.07        |                                   | Continued.         | Over Voltage.                                                                                                                                                 |
| <b>IntraState</b>                       |              |              |                                   |                    |                                                                                                                                                               |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                                                                                               |
| 400/220KV 105 MVA Spare ICT at Parly II | 22/04/2011   | 13.50        |                                   | Continued.         | To Remove Trip Coil Assembly for Bus Coupler.                                                                                                                 |
| 400/220KV,200MVA Spare ICT at Kalwa.    | 15/12/2011   | 14.59        |                                   | Continued.         | For Replacement of Y Ph. C T of ICT-I by 400KV C T of Spare ICT.up to 25.01.2012                                                                              |
| 400KV TBC at Kharghar                   | 23/01/2012   | 09.30        | 23/01/2012                        | 17.35              | R.M.Work                                                                                                                                                      |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                                                                                               |
| 220/132 KV 100 MVA ICT-I @ Girawali     | 24/11/2011   | 10.46        |                                   | Continued.         | Augmentation of ICT BY 200 MVA ICT.                                                                                                                           |
| Kalwa-Trombay                           | 30/11/2011   | 09.20        |                                   | Continued.         | Replacement of Breaker (Taken on TBC upto 25.01.2012.                                                                                                         |
| 220/132 KV 150 MVA ICT @ Bhandara       | 28/12/2011   | 13.57        |                                   | Continued.         | Replacement of ICT by 200MVA (Up to 29/2/12)                                                                                                                  |
| Boiser - Borivali                       | 29/12/2011   | 08.40        |                                   | Continued.         | Work of Conversion from D/C to M/C (60 Days Outage). Temporary reconfigured as Tarapur-Boisar ckt-II                                                          |
| Chandrapur-Wani                         | 15/01/2012   | 08.02        |                                   | Continued.         | Dismantling of Existing Towers No.33 & 44 of 220KV Chandrapur-Warora,Erection of Tower @ Loc No.25,26,Stringing Bet.Existing Tower No.45 to New Loc No.25,26. |
| Chandrapur-Warora                       | 15/01/2012   | 08.12        |                                   | Continued.         | Dismantling of Existing Towers No.33 & 44 of 220KV Chandrapur-Warora,Erection of Tower @ Loc No.25,26,Stringing Bet.Existing Tower No.45 to New Loc No.25,26. |
| 220/100KV 200MVA ICT-III at Trombay     | 21/01/2012   | 08.03        | 23/01/2012                        | 01.00              | To Attend the Air Cell M.O.G. of Conseovator,To Attend the Oil Leakage.                                                                                       |
| Main Bus Section - II @ Pedambe         | 23/01/2012   | 06.55        | 23/01/2012                        | 18.30              | R.M.Work                                                                                                                                                      |
| Kandalgaon - Pirangut                   | 23/01/2012   | 09.13        | 23/01/2012                        | 18.53              | Replacement of relay.                                                                                                                                         |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 23/Jan/2012**

Position as on 6.30 Hrs of 24/Jan/2012

| Name of Line                            | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                       |
|-----------------------------------------|--------------|--------------|-----------------------------------|--------------------|--------------------------------------------------------|
| Peth-Mudsingi-I                         | 23/01/2012   | 09.20        | 23/01/2012                        | 14.50              | Replaement of insulator.                               |
| Main Bus-II At Ichalkaranji             | 23/01/2012   | 10.17        | 23/01/2012                        | 17.28              | CT replacement work.                                   |
| Bus section - I at Tambati              | 23/01/2012   | 10.25        | 23/01/2012                        | 19.30              | R.M.Work                                               |
| Mudsinghi - Mumewadi - I                | 23/01/2012   | 11.25        | 23/01/2012                        | 13.01              | Replacement of insulator.                              |
| 220/33 KV 100 MVA ICT IV at Jamde       | 23/01/2012   | 11.40        | 23/01/2012                        | 12.27              | Attend oil leakage.                                    |
| Talangade-Ichalkaranji I                | 23/01/2012   | 12.07        | 23/01/2012                        | 17.22              | Hot Spot.                                              |
| Bhandara - Rly TSS - I                  | 23/01/2012   | 13.05        | 23/01/2012                        | 15.05              | To attend red hot.                                     |
| Main Bus-I at Koradi.                   | 23/01/2012   | 14.00        |                                   | Continued.         | Replacement of 29A isolator.                           |
| TBC @ Hinganghat                        | 23/01/2012   | 14.10        | 23/01/2012                        | 17.00              | Measurement of contact resistance.                     |
| Chinchwad - Telco                       | 23/01/2012   | 14.27        | 23/01/2012                        | 17.03              | Relay replacement work.                                |
| Kolhapur-Karad-IV                       | 23/01/2012   | 15.10        | 23/01/2012                        | 17.05              | Tan delta measurement work.                            |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                        |
| Amravati - Achalpur                     | 16/01/2012   | 10.10        |                                   | Continued.         | Main bkr.maint.work.                                   |
| <b>Voltage Level : 100KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                        |
| Chinchwad - Talegaon                    | 25/11/2011   | 11.29        |                                   | Continued.         | Line Strengthening.                                    |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                        |
| 400/220KV,500MVA ICT-II at Khaparkheda. | 20/11/2011   | 08.02        |                                   | Continued.         | Due to low nitrogran pressure fire alarm received.     |
| 400/220KV 500MVA ICT-III at Dhule       | 07/01/2012   | 20.04        |                                   | Continued.         | Due to MCCB of Diff. Relay Burnt.                      |
| Bhusawal- Aurangabad                    | 21/01/2012   | 17.05        | 23/01/2012                        | 08.09              | Over Voltage.                                          |
| Karad-Kolhapur-II                       | 22/01/2012   | 16.17        |                                   | Continued.         | Over Voltage.                                          |
| Bhusawal- Aurangabad                    | 23/01/2012   | 17.33        |                                   | Continued.         | Over Voltage.                                          |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                        |
| Hingoli-Pusad                           | 23/01/2012   | 05.35        | 23/01/2012                        | 05.58              | To control WRD-YTL Ckt over loading.                   |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                        |
| 400/220 KV 100 MVA Spare Unit @ Koradi  | 21/01/2012   | 03.36        |                                   | Continued.         | Buccolz Alarm Persist.                                 |
| 400/220KV 105MVA Spare ICT @ Parly-II   | 22/01/2012   | 13.50        | 23/01/2012                        | 15.52              | To remove trip coil assembly for bus coupler.          |
| Lonikand- Koyna Stage IV                | 23/01/2012   | 07.05        | 23/01/2012                        | 14.49              | Distance Protection.                                   |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                        |
| 220/100KV 200MVA ICT-III at Kalwa       | 03/04/2011   | 16.00        |                                   | Continued.         | Buchholz Trip,Diff.Prot.operated,PRV tripped( Failed). |
| Karad-Pedambe                           | 23/01/2012   | 05.18        | 23/01/2012                        | 19.04              | Distance Protection.                                   |
| Bhugaon-Pusad                           | 23/01/2012   | 05.31        | 23/01/2012                        | 05.41              | Distance Protection.                                   |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                        |
| Ambazari-Pardi                          | 22/01/2012   | 16.38        | 23/01/2012                        | 03.08              | Loc.3,R-Ph disc insulator punctured.                   |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 24/Jan/2012

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 135         |
| Unit 6             | 210                   | 0           |
| Unit 7             | 210                   | 150         |
|                    | <b>620</b>            | <b>285</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 500                   |             |
|                    | <b>920</b>            | <b>360</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 195         |
| Unit 5             | 210                   | 165         |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 0           |
|                    | <b>1130</b>           | <b>360</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 475         |
|                    | <b>2340</b>           | <b>2065</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 250         |
| Unit 4             | 250                   | 250         |
|                    | <b>500</b>            | <b>500</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   |             |
|                    | <b>1340</b>           | <b>570</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 210                   | 180         |
|                    | <b>630</b>            | <b>600</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 500         |
|                    | <b>852</b>            | <b>500</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 19          |
| VTRNA              | 60                    | 60          |
| TILLARI            | 60                    | 60          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| BHTGR/VEER       | 21                    | 21          |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 15          |
| BHANDARDRA       | 45                    | 30          |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 25          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>310</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       | 600                   | 1045        |
| WARDHA           | 405                   | 330         |
| Other CPPs       | 0                     |             |
|                  | <b>1005</b>           | <b>1375</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 0           |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1377</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 5234        |
|                  | <b>3455</b>           | <b>5234</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17900</b> | 7 of 7 | <b>15206</b> |
|--|--------------|--------|--------------|