



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**21/Mar/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 21/Mar/2013 THURSDAY**

| <b>I GENERATION (MUs)</b> |                |                 | <b>II EXCHANGES (MUs)</b>      |                |                 |
|---------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| <b>A) MSGENCO</b>         | <b>Daily</b>   | <b>Monthly</b>  | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>  |
| 1) Thermal                | 104.851        | 2403.749        | 1) Gujrat                      | 22.520         | 366.152         |
| 2) Hydro                  | 30.307         | 434.612         | 2) Madhya Pradesh              | 19.995         | 431.802         |
| 3) Gas                    | 7.655          | 181.358         | 3) Chattisgarh                 | 8.310          | 189.530         |
| <b>Total MSGENCO</b>      | <b>142.813</b> | <b>3019.719</b> | 4) Maharashtra                 | 86.109         | 1732.671        |
| <b>B) 1) JSW JAIGAD</b>   | 21.437         | 414.176         | 5) Goa                         | -6.259         | -131.107        |
| 2) WPCL                   | 8.793          | 169.974         | 6) TAPS 1&2 Injection          | 0.000          | 12.630          |
| 3) ADANI                  | 0.000          | 7.110           | 7) RGPPL Injection             | 0.000          | 0.000           |
| 4) Other CPP / IPP        | 8.812          | 199.517         | 8) Pench (Excess)              | -0.185         | -4.811          |
| 5) Wind Generation        | 5.427          | 118.974         | <b># Total Cent. Sector</b>    | <b>130.490</b> | <b>2596.867</b> |
| 6) PENCH (MS)             | 0.185          | 4.811           | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -9.365         | -232.000        |
| 1) TPCL Thermal           | 30.407         | 539.051         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 3.523          | 94.929          | 1) MSEDCL Bilateral            | 45.839         | 783.612         |
| <b>TOTAL TPCL</b>         | <b>33.930</b>  | <b>633.980</b>  | Include PX                     | 20.784         | 260.126         |
| 3) REL Thermal            | 12.574         | 258.318         | 2) MUMBAI Bilateral            | 13.408         | 276.900         |
| <b>D) STATE</b>           |                |                 | Include PX                     | 2.034          | 48.234          |
| 1) Thermal (A1+C1+C3)     | 147.832        | 3201.118        | 3) MUMBAI Schedule             | 13.408         | 282.349         |
| 2) Hydro (A2+B5+C2)       | 34.015         | 534.352         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 7.655          | 181.358         | 1) MSEDCL                      | 308.592        | 6299.148        |
| 4) Wind (B4)              | 5.427          | 118.974         | 2) TPCL                        | 37.106         | 742.197         |
| 5) CPP (B1+B2+B3)         | 39.042         | 783.667         | 3) REL                         | 18.762         | 382.093         |
| <b>TOTAL STATE</b>        | <b>233.971</b> | <b>4819.469</b> | <b>TOTAL STATE</b>             | <b>364.460</b> | <b>7423.438</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 3 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 4354                             | 4343                             | 4340                             |
| MSGENCO Hydro                   | 2010                             | 1863                             | 246                              |
| MSGENCO Gas                     | 307                              | 313                              | 331                              |
| <b>MSGENCO Total Generation</b> | <b>6671</b>                      | <b>6519</b>                      | <b>4917</b>                      |
| <b>Central Sector Receipt</b>   | <b>6125</b>                      | <b>5410</b>                      | <b>5085</b>                      |
| <b>WIND</b>                     | <b>81</b>                        | <b>158</b>                       | <b>407</b>                       |
| <b>CPP / IPP</b>                | <b>1668</b>                      | <b>1569</b>                      | <b>1641</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-543</b>                      | <b>-500</b>                      | <b>-54</b>                       |
| <b>MSEDCL DEMAND MET</b>        | <b>14002</b>                     | <b>13156</b>                     | <b>11996</b>                     |
| <b>Load Shedding</b>            | <b>627</b>                       | <b>463</b>                       | <b>177</b>                       |
| <b>MSEDCL DEMAND</b>            | <b>14629</b>                     | <b>13619</b>                     | <b>12173</b>                     |
| <b>TPCL GENERATION</b>          | <b>1745</b>                      | <b>1753</b>                      | <b>1100</b>                      |
| <b>R-INFRA GENERATION</b>       | <b>524</b>                       | <b>521</b>                       | <b>523</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2812</b>                      | <b>2774</b>                      | <b>1677</b>                      |
| <b>STATE DEMAND MET</b>         | <b>16814</b>                     | <b>15930</b>                     | <b>13673</b>                     |
| <b>STATE DEMAND</b>             | <b>17441</b>                     | <b>16393</b>                     | <b>13850</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.96</b>                     | <b>50.04</b>                     | <b>50.01</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.55 Hz at 17.05 Hrs</b> | <b>49.54 Hz at 19.08 Hrs</b> | <b>50.02</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 21/Mar/2013

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 3.96        | 66.37         | 184      | 149      | 150      |
| Unit 7           | 4.05        | 86.63         | 200      | 140      | 155      |
| Total            | 8.01        | 153.00        |          |          | 305      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.68        | 72.54         | 160      | 145      | 150      |
| Unit 3           | 3.92        | 76.14         | 175      | 150      | 160      |
| Unit 4           | 9.14        | 145.52        | 440      | 300      | 300      |
| Unit 5           | 1.65        | 47.68         | 207      | 0        | 0        |
| Total            | 18.38       | 341.88        |          |          | 610      |
| 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           | 3.31        | 69.24         | 142      | 130      | 145      |
| Unit 2           | 3.22        | 60.62         | 154      | 0        | 150      |
| Unit 3           | 4.55        | 99.71         | 203      | 156      | 200      |
| Unit 4           | 4.55        | 96.08         | 194      | 184      | 200      |
| Unit 5           | 9.35        | 205.85        | 420      | 355      | 400      |
| Unit 6           | 0.00        | 162.64        | 0        | 0        | 0        |
| Unit 7           | 9.56        | 205.78        | 415      | 380      | 425      |
| Total            | 34.55       | 899.92        |          |          | 1520     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.68        | 102.34        | 256      | 189      | 230      |
| Unit 4           | 5.22        | 114.76        | 260      | 174      | 210      |
| Total            | 10.91       | 217.10        |          |          | 440      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.93        | 77.84         | 190      | 115      | 180      |
| Unit 2           | 3.50        | 82.66         | 155      | 120      | 160      |
| Unit 3           | 3.72        | 82.19         | 177      | 140      | 170      |
| Unit 4           | 4.20        | 99.69         | 205      | 154      | 200      |
| Unit 5           | 9.20        | 213.82        | 472      | 328      | 400      |
| Total            | 24.54       | 556.19        |          |          | 1110     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 0.00        | 67.16         | 0        | 0        | 0        |
| Unit 4           | 4.02        | 87.81         | 183      | 137      | 185      |
| Unit 5           | 4.45        | 80.68         | 191      | 171      | 195      |
| Total            | 8.47        | 235.65        |          |          | 380      |
| Uran             |             |               |          |          |          |
| All Units        | 7.66        | 181.36        | 333      | 307      | 310      |
| Total            | 7.66        | 181.36        |          |          | 310      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.18        | 4.81          | 43       | 0        |          |
| Total            | 0.18        | 4.81          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 7.48        | 110.87        | 580      | 50       | 600      |
| Stage 4          | 15.69       | 174.98        | 1126     | 0        | 250      |
| Stage 3          | 4.27        | 60.85         | 240      | 0        | 240      |
| Kovna 12&4 Total | 23.17       | 285.85        |          |          | 850      |

| Generating unit  | Generation   |               |          |          | OLC (MW)    |
|------------------|--------------|---------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>27.44</b> | <b>346.70</b> |          |          | <b>1090</b> |
| <b>Hydro</b>     |              |               |          |          |             |
| KDPH             | 0.46         | 12.34         | 20       | 19       | 18          |
| VTRNA            | 0.71         | 13.65         | 61       | 0        | 60          |
| TILLARI          | 0.11         | 2.42          | 59       | 0        | 60          |
| BHTGR/VEER       | 0.08         | 0.27          | 4        | 3        | 3           |
| BHIRA T.R.       | 0.17         | 5.56          | 77       | 0        | 40          |
| RNGR+BHTSA       | 0.34         | 7.19          | 14       | 14       | 14          |
| BHANDARDRA       | 0.00         | 5.58          | 0        | 0        | 0           |
| ELDARY           | 0.00         | 0.00          | 0        | 0        | 0           |
| SMLHY PTN        | 0.80         | 20.04         | 34       | 33       | 24          |
| GHATGHAR         | 0.20         | 19.42         | 120      | 0        | 0           |
| <b>Total</b>     | <b>2.87</b>  | <b>86.46</b>  |          |          | <b>219</b>  |
| <b>Wind</b>      |              |               |          |          |             |
| MalharPeth       | 0.28         | 6.23          |          |          |             |
| Vankuswadi       | 0.45         | 9.93          |          |          |             |
| ATIT             | 1.04         | 2.78          |          |          |             |
| Kale             | 0.16         | 3.29          |          |          |             |
| Satara           | 0.19         | 15.34         |          |          |             |
| Shirala          | 0.15         | 4.47          |          |          |             |
| K Mahankal       | 0.02         | 8.15          |          |          |             |
| Supa             | 0.11         | 2.60          |          |          |             |
| Vita             | 0.57         | 14.77         |          |          |             |
| Dondaicha        | 1.60         | 30.93         |          |          |             |
| Sakri            | 0.22         | 4.26          |          |          |             |
| Nandurbar        | 0.22         | 3.08          |          |          |             |
| Khandke          | 0.29         | 8.04          |          |          |             |
| Khaparale        | 0.14         | 5.11          |          |          |             |
| <b>Total</b>     | <b>5.43</b>  | <b>118.97</b> |          |          |             |
| <b>CPP</b>       |              |               |          |          |             |
| JSW JAIGAD       | 21.44        | 414.18        | 895      | 892      | 807         |
| WARDHA           | 8.79         | 169.97        | 371      | 359      | 369         |
| Adani            | 0.00         | 7.11          | 0        | 0        |             |
| Other CPPs       | 8.81         | 199.52        |          |          |             |
| <b>Total</b>     | <b>39.04</b> | <b>790.78</b> |          |          | <b>1176</b> |
| <b>Tata</b>      |              |               |          |          |             |
| Trombay 4        | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5        | 12.01        | 244.94        | 505      | 496      | 500         |
| Trombay 6        | 7.77         | 85.40         | 501      | 155      | 500         |
| Trombay 7A       | 2.98         | 60.55         | 128      | 120      | 120         |
| Trombay 7B       | 1.62         | 33.78         | 69       | 66       | 60          |
| Trombay 8        | 6.02         | 114.38        | 253      | 250      | 250         |
| TATA Hydro       | 3.52         | 94.93         | 375      | 0        | 447         |
| <b>Total</b>     | <b>33.93</b> | <b>633.98</b> |          |          | <b>1877</b> |
| <b>REL</b>       |              |               |          |          |             |
| 1&2              | 12.57        | 258.32        | 526      | 521      | 500         |
| <b>Total</b>     | <b>12.57</b> | <b>258.32</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |               |          |          |             |
| Share            |              |               |          |          | 5118        |
| <b>Total</b>     |              |               |          |          | <b>5118</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 104.85        | 2403.75        |  |  | 4365         |
|                    | Thml+Gas     | 112.51        | 2585.11        |  |  | 4675         |
|                    | Hydro        | 30.31         | 434.61         |  |  | 1309         |
|                    | <b>Total</b> | <b>142.81</b> | <b>3019.72</b> |  |  | <b>5984</b>  |
| <b>State Total</b> |              | <b>233.97</b> | <b>4819.47</b> |  |  | <b>14655</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 21/Mar/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                  | 4388        | 897   | 329  | 5614   | 353  | 1632         | 4807        | 5084        | -469         | -319                 | 12364                   | 76                   | 12440                       | 1940                         | 14380           | 50.07         |
| 2                  | 4372        | 684   | 330  | 5386   | 433  | 1638         | 4817        | 5108        | -451         | -146                 | 12419                   | 160                  | 12579                       | 1771                         | 14350           | 50.00         |
| 3                  | 4340        | 246   | 331  | 4917   | 407  | 1641         | 4986        | 5085        | -422         | -54                  | 11996                   | 177                  | 12173                       | 1677                         | 13850           | 50.01         |
| 4                  | 4358        | 139   | 331  | 4828   | 460  | 1649         | 4978        | 5192        | -381         | 11                   | 12140                   | 194                  | 12334                       | 1614                         | 13948           | 50.15         |
| 5                  | 4341        | 339   | 331  | 5011   | 455  | 1633         | 4967        | 5280        | -368         | 19                   | 12398                   | 235                  | 12633                       | 1606                         | 14239           | 50.09         |
| 6                  | 4309        | 733   | 333  | 5375   | 473  | 1630         | 4770        | 5049        | -356         | -71                  | 12456                   | 391                  | 12847                       | 1696                         | 14543           | 50.00         |
| 7                  | 4419        | 784   | 333  | 5536   | 326  | 1631         | 5006        | 5135        | -415         | -176                 | 12452                   | 920                  | 13372                       | 1802                         | 15174           | 50.02         |
| 8                  | 4480        | 1045  | 333  | 5858   | 180  | 1644         | 5070        | 5228        | -452         | -296                 | 12614                   | 929                  | 13543                       | 1924                         | 15467           | 50.10         |
| 9                  | 4493        | 1487  | 319  | 6299   | 108  | 1664         | 5083        | 5431        | -454         | -385                 | 13117                   | 844                  | 13961                       | 2204                         | 16165           | 50.06         |
| 10                 | 4498        | 1903  | 315  | 6716   | 91   | 1636         | 5356        | 5588        | -512         | -434                 | 13597                   | 575                  | 14172                       | 2558                         | 16730           | 50.02         |
| 11                 | 4354        | 2010  | 307  | 6671   | 81   | 1668         | 5758        | 6125        | -640         | -543                 | 14002                   | 627                  | 14629                       | 2812                         | 17441           | 49.96         |
| 12                 | 4372        | 2140  | 307  | 6819   | 63   | 1624         | 5518        | 5870        | -716         | -591                 | 13785                   | 782                  | 14567                       | 2873                         | 17440           | 49.93         |
| 13                 | 4376        | 1859  | 308  | 6543   | 64   | 1653         | 5550        | 5581        | -705         | -562                 | 13279                   | 923                  | 14202                       | 2830                         | 17032           | 49.97         |
| 14                 | 4373        | 1483  | 307  | 6163   | 69   | 1656         | 5589        | 5798        | -601         | -500                 | 13186                   | 831                  | 14017                       | 2755                         | 16772           | 49.92         |
| 15                 | 4313        | 1771  | 309  | 6393   | 78   | 1592         | 5459        | 5734        | -614         | -456                 | 13341                   | 634                  | 13975                       | 2790                         | 16765           | 49.88         |
| 16                 | 4327        | 2039  | 309  | 6675   | 109  | 1572         | 5663        | 5668        | -641         | -506                 | 13518                   | 505                  | 14023                       | 2795                         | 16818           | 49.98         |
| 17                 | 4343        | 1863  | 313  | 6519   | 158  | 1569         | 5258        | 5410        | -637         | -500                 | 13156                   | 463                  | 13619                       | 2774                         | 16393           | 50.04         |
| 18                 | 4269        | 958   | 311  | 5538   | 145  | 1572         | 5060        | 5111        | -705         | -605                 | 11761                   | 459                  | 12220                       | 2696                         | 14916           | 50.20         |
| 19                 | 4335        | 821   | 312  | 5468   | 115  | 1569         | 5195        | 5448        | -682         | -546                 | 12074                   | 0                    | 12074                       | 2593                         | 14667           | 50.01         |
| 20                 | 4419        | 1968  | 316  | 6703   | 174  | 1598         | 5279        | 5578        | -714         | -559                 | 13537                   | 0                    | 13537                       | 2651                         | 16188           | 49.99         |
| 21                 | 4487        | 1659  | 315  | 6461   | 265  | 1628         | 5318        | 5712        | -680         | -561                 | 13542                   | 0                    | 13542                       | 2571                         | 16113           | 50.09         |
| 22                 | 4412        | 1106  | 314  | 5832   | 281  | 1650         | 5256        | 5475        | -613         | -562                 | 12709                   | 0                    | 12709                       | 2431                         | 15140           | 50.03         |
| 23                 | 4282        | 1181  | 321  | 5784   | 258  | 1645         | 5191        | 5362        | -603         | -548                 | 12527                   | 0                    | 12527                       | 2333                         | 14860           | 49.97         |
| 24                 | 4191        | 1192  | 321  | 5704   | 281  | 1648         | 4988        | 5443        | -578         | -475                 | 12627                   | 0                    | 12627                       | 2173                         | 14800           | 49.98         |
| MUs                | 104.85      | 30.31 | 7.66 | 142.81 | 5.43 | 39.04        | 124.92      | 130.50      | -13.41       | -9.36                | 308.60                  | 9.72                 | 318.32                      | 55.87                        | 374.19          | 50.02         |

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 21/Mar/2013**

Position as on 6.30 Hrs of 22/Mar/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.  | 12/04/2013    |
| 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                       | 22/03/2013    |
| 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.                       |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                       |               |
| Dabhol 1B               | 230      | 09/10/2012   | 13.56        |            | Continued. | Gas Shortage.                         |               |
| Dabhol 1X               | 290      | 02/11/2012   | 16.26        |            | Continued. | Gas shortage.                         |               |
| Dabhol 1A               | 230      | 02/11/2012   | 16.27        |            | Continued. | Gas shortage.                         |               |
| Dabhol 3A               | 230      | 03/12/2012   | 21.23        |            | Continued. | Gas Shortage                          |               |
| Dabhol 2B               | 230      | 03/01/2013   | 13.29        |            | Continued. | Gas shortage.                         |               |
| CPP Adani U1            | 660      | 31/01/2013   | 17:05        |            | Continued. | 400kV Tirora-Warora isolator sparking |               |
| CPP WPCL U-4            | 135      | 04/02/2013   | 19.16        |            | Continued. | ID fan vibration problem.             |               |
| Dabhol 2A               | 230      | 06/02/2013   | 21.32        |            | Continued. | Gas Shortage                          |               |
| Dabhol 2X               | 290      | 06/02/2013   | 21.32        |            | Continued. | Gas Shortage                          |               |
| Dabhol 3X               | 290      | 21/02/2013   | 23.04        |            | Continued. | Gas shortage.                         |               |
| Dabhol 3B               | 230      | 21/02/2013   | 23.08        |            | Continued. | Gas shortage.                         |               |
| CPP JSW (J) U1          | 300      | 27/02/2013   | 21:15        |            | Continued. | Bearing Vibration Problem.            |               |
| Cent_Sect Tarapur 1     | 80       | 04/03/2013   | 05.30        |            | Continued. | Pressure Pump Seal Leakage.           |               |
| Uran Unit 6             | 108      | 05/03/2013   | 05:30        |            | Continued. | Gas Shortage.                         |               |
| CPP Adani U-2           | 660      | 11/03/2013   | 09.31        | 22/03/2013 | 04.16      | Boiler Tube Leakage.                  |               |
| Uran Unit 5             | 108      | 16/03/2013   | 00.26        |            | Continued. | Gas Shortage.                         |               |
| Nasik Unit 3            | 210      | 17/03/2013   | 10.20        |            | Continued. | ID Fan Problem.                       |               |
| Chandrapur Unit 6       | 500      | 20/03/2013   | 10:35        |            | Continued. | Boiler Tube Leakage.                  |               |
| Bhusawal Unit 5         | 500      | 21/03/2013   | 09.55        | 22/03/2013 | 02.30      | Tripped                               |               |
| CPP IEPL                | 540      | 21/03/2013   | 15.09        | 21/03/2013 | 18.55      | Low Drum Level                        |               |
| Chandrapur Unit 2       | 210      | 21/03/2013   | 22.43        |            | Continued. | Condenser Tube Leakage                |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 21/Mar/2013**

Position as on 6.30 Hrs of 22/Mar/2013

| Name of Line                                      | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                             |
|---------------------------------------------------|--------------|--------------|-----------------------------------|--------------------|----------------------------------------------------------------------------------------------|
| <b>InterState</b>                                 |              |              |                                   |                    |                                                                                              |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                              |
| Warora - Deoli - II                               | 08/03/2013   | 13.07        |                                   | Continued.         | Hand Tripped,Charged Upto Dead End Tower @ 12.52 Hrs on 8.3.2013.                            |
| Kolhapur-Solapur (PG) II                          | 17/03/2013   | 16.37        | 21/03/2013                        | 10.42              | Over Voltage.                                                                                |
| Seoni-Wardha-II 765KV.                            | 17/03/2013   | 17.46        |                                   | Continued.         | Over Voltage.                                                                                |
| Kolhapur - Mapusa - II                            | 20/03/2013   | 21.38        | 21/03/2013                        | 09.29              | Over Voltage                                                                                 |
| Parly(PG)- Solapur(PG) - I                        | 21/03/2013   | 16.35        | 21/03/2013                        | 19.36              | Over Voltage                                                                                 |
| Kolhapur - Mapusa - I                             | 21/03/2013   | 16.38        |                                   | Continued.         | Over Voltage                                                                                 |
| Kolhapur-Solapur(PGCIL)- I                        | 21/03/2013   | 21.39        |                                   | Continued.         | Over Voltage                                                                                 |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                              |
| Warora - Tiroda - II                              | 18/03/2013   | 16.15        |                                   | Continued.         | Over Voltage,while charging Warora-Tiroda I first time charge.                               |
| Parly(PG)- Solapur(PG) - I                        | 21/03/2013   | 20.56        | 21/03/2013                        | 22.10              | Over Voltage                                                                                 |
| <b>IntraState</b>                                 |              |              |                                   |                    |                                                                                              |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                              |
| 400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II | 15/01/2013   | 09.51        |                                   | Continued.         | Replacement of Old Not working CT                                                            |
| 400/220 KV315 MVA ICT-I @ BBLR                    | 05/03/2013   | 10:12        |                                   | Continued.         | On TBC on 220 KV for Replacement of LV BKR.(Problem in Pressure Switch)                      |
| Koradi-Khaparkheda-I                              | 14/03/2013   | 10.05        |                                   | Continued.         | Erection of 3 No's of 400KV CT,CT Testing & CB Trials,Tie Bkr @ K'kheda Out.Line in Service. |
| Koradi - Indiabull (Nandgaonpeth)                 | 20/03/2013   | 17.51        | 21/03/2013                        | 10.07              | Replacement of Y Phase EMVT (Ready for charging 22.30Hrs)                                    |
| Koyna IV - Jejuri                                 | 21/03/2013   | 09.12        | 21/03/2013                        | 19.08              | Replacement of Old Insulator                                                                 |
| Main Bus-I at Deepnagar                           | 21/03/2013   | 12.17        | 21/03/2013                        | 16.44              | CVT Tan Delta Measurement                                                                    |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                              |
| Kalwa - Khargar                                   | 15/02/2013   | 13.20        |                                   | Continued.         | Mumbai strengthening work for 20 Days.Reconfigur as 220KV Khargar-Mahape.                    |
| 220/100KV 200 MVA ICT-I @ Padgha                  | 06/03/2013   | 11.41        |                                   | Continued.         | Isolator replacement work(Up to 26/3/13)                                                     |
| Kalwa-Nerul                                       | 17/03/2013   | 08.11        |                                   | Continued.         | Removing cross jumper at L.no 16-17 and fixing jumper at L.no 16 of Khargar-Nerul line.      |
| Kanhan - Umred - I                                | 18/03/2013   | 11.52        |                                   | Continued.         | Retrofitting of distance relay.                                                              |
| TBC @ 220 KV Parli - I                            | 19/03/2013   | 09.30        |                                   | Continued.         | Replacment of CT under LES.                                                                  |
| Pusad - Nanded                                    | 21/03/2013   | 05.48        | 21/03/2013                        | 19.42              | LILO Work at Ghatodi S/S                                                                     |
| Hingoli-Pusad                                     | 21/03/2013   | 06.42        | 21/03/2013                        | 19.30              | LILO Work at Ghatodi S/S                                                                     |
| Pedambe - Mahad                                   | 21/03/2013   | 08.13        | 21/03/2013                        | 13.10              | Preventive Bay Maintance                                                                     |
| Khaparkheda-Ambazari - I                          | 21/03/2013   | 08.37        | 21/03/2013                        | 17.17              | Replacement of Cut Point Gantry Disc                                                         |
| C' Enka - Khadki                                  | 21/03/2013   | 09.14        | 21/03/2013                        | 18.30              | Tan Delta of Cts                                                                             |
| 220/132KV 100MVA ICT I at Hingoli                 | 21/03/2013   | 10.45        | 21/03/2013                        | 16.20              | oil Leakage                                                                                  |
| 220/132 KV 100 MVA ICT @ Bhandara                 | 21/03/2013   | 11.05        |                                   | Continued.         | Commissioning of CTR Fire Prot.System                                                        |
| Ghodbhundar - Gorai                               | 21/03/2013   | 11.15        |                                   | Continued.         | Relocation of Tower(Up to 24-3-13)                                                           |
| Dondaicha - Jamde - I                             | 21/03/2013   | 11.33        | 21/03/2013                        | 13.30              | Measurement of Breaker Timings                                                               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 21/Mar/2013**

Position as on 6.30 Hrs of 22/Mar/2013

| Name of Line                                                | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                       |
|-------------------------------------------------------------|--------------|--------------|-----------------------------------|-------------------|------------------------------------------------------------------------|
| Dondaicha - Jamde - II.                                     | 21/03/2013   | 11.51        | 21/03/2013                        | 16.40             | Measurement of Breaker Timings                                         |
| Ghodbandar-Versova-II                                       | 21/03/2013   | 12.10        |                                   | Continued.        | Relocation of Tower(Up to 24-3-13)                                     |
| Kanhan - Umred - II                                         | 21/03/2013   | 12.12        | 21/03/2013                        | 18.16             | Tan Delta Measurement of CT                                            |
| Pedambe - Pophali - II                                      | 21/03/2013   | 13.42        | 21/03/2013                        | 16.30             | Hot Spot                                                               |
| Apta-Bombay Dyeing                                          | 21/03/2013   | 15.06        | 21/03/2013                        | 19.27             | Replacement of Damaged Conductor                                       |
| P'pur-Malinagar                                             | 21/03/2013   | 17.30        |                                   | Continued.        | Replacement of Flashover Insulator                                     |
| <b>Voltage Level : 132KV</b>                                |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                        |
| Whirlpool - Ismit                                           | 08/03/2013   | 08.45        |                                   | Continued.        | Erection of Tower & D/C String of New Conductor Outage Upto 22/3/2013. |
| Kanhan - Mouda                                              | 21/03/2013   | 13.10        |                                   | Continued.        | Replacement of Dist.Prot.Scheme                                        |
| <b>Voltage Level : 400KV</b>                                |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                        |
| 50 MVAR Line Reactor on 400 KV Parly Ckt.-III at Chandrapur | 20/03/2012   | 11.50        |                                   | Continued.        | High tan delta of bushing.                                             |
| 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                                                            |
| Khadka - Deepnagar - II                                     | 07/03/2013   | 06.17        |                                   | Continued.        | Over Voltage.                                                          |
| Bhusawal- Aurangabad                                        | 17/03/2013   | 17.03        |                                   | Continued.        | Over Voltage.Ready for charging at 16.26 Hrs. dt.18.03.2013.           |
| Karad - Kolhapur - II                                       | 21/03/2013   | 03.30        | 21/03/2013                        | 06.55             | Over Voltage                                                           |
| New Koyna - Dabhol - I                                      | 21/03/2013   | 03.37        | 21/03/2013                        | 11.08             | Over Voltage                                                           |
| Aurangabad-Deepnagar-II                                     | 21/03/2013   | 11.15        |                                   | Continued.        | Hand Tripped                                                           |
| Karad - Kolhapur - I                                        | 21/03/2013   | 16.20        |                                   | Continued.        | Over Voltage                                                           |
| <b>Voltage Level : 220KV</b>                                |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                        |
| Chikhali - Jalna - II                                       | 04/02/2013   | 23.36        |                                   | Continued.        | Due to over loading.                                                   |
| Borivali(M)-Borivali(Rel) 1                                 | 12/03/2013   | 04.09        |                                   | Continued.        | Hand Tripped                                                           |
| Borivali(M)-Borivali(Rel)2                                  | 12/03/2013   | 04.19        |                                   | Continued.        | 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.             |
| Deepnagar-Aurangabad-I                                      | 12/01/2013   | 13.33        | 21/03/2013                        | 10.53             | Over Voltage                                                           |
| Karad - Kolhapur - I                                        | 20/03/2013   | 17.54        | 21/03/2013                        | 06.48             | Over Voltage                                                           |
| Karad-Kolhapur-II                                           | 21/03/2013   | 16.32        |                                   | Continued.        | Over Voltage                                                           |
| <b>Voltage Level : 132KV</b>                                |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                        |
| Narsi-Degloor                                               | 20/03/2013   | 20.30        | 21/03/2013                        | 07.25             | CT Burst at Degloor                                                    |
| Narayangaon - Alephata                                      | 21/03/2013   | 12.40        | 21/03/2013                        | 13.30             | Transient Fault                                                        |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 22/Mar/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 150         |
| Unit 7             | 210                   | 160         |
|                    | <b>620</b>            | <b>310</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 134         |
| Unit 3             | 210                   | 143         |
| Unit 4             | 500                   | 380         |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>657</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                   | 145         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 0           |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1345</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 250         |
| Unit 4             | 250                   | 250         |
|                    | <b>500</b>            | <b>500</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 160         |
| Unit 5             | 500                   | 450         |
|                    | <b>1340</b>           | <b>1110</b> |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 185         |
| Unit 5             | 210                   | 195         |
|                    | <b>630</b>            | <b>380</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 310         |
|                    | <b>852</b>            | <b>310</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 19          |
| VTRNA              | 60                    | 60          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 4           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 14          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 0           |
| GHATGHAR         | 250                   |             |
|                  | <b>611</b>            | <b>237</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                  | 808         |
| WARDHA           | 405                   | 362         |
| Adani            | 660                   |             |
| Other CPPs       | 0                     |             |
|                  | <b>2265</b>           | <b>1170</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 5365        |
|                  | <b>3455</b>           | <b>5365</b> |