



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**19/May/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 19/May/2013 SUNDAY**

| <b>I GENERATION (MUs)</b> |                |                 | <b>II EXCHANGES (MUs)</b>      |                |                 |
|---------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| <b>A) MSGENCO</b>         | <b>Daily</b>   | <b>Monthly</b>  | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>  |
| 1) Thermal                | 119.156        | 2193.177        | 1) Gujrat                      | 10.589         | 235.777         |
| 2) Hydro                  | 6.907          | 276.662         | 2) Madhya Pradesh              | 13.646         | 361.955         |
| 3) Gas                    | 10.078         | 162.494         | 3) Chattisgarh                 | 8.340          | 172.460         |
| <b>Total MSGENCO</b>      | <b>136.141</b> | <b>2632.333</b> | 4) Maharashtra                 | 63.929         | 1235.283        |
| <b>B) 1) JSW JAIGAD</b>   | 27.894         | 499.725         | 5) Goa                         | -5.482         | -119.521        |
| 2) WPCL                   | 7.776          | 147.549         | 6) TAPS 1&2 Injection          | 3.774          | 72.483          |
| 3) ADANI                  | 0.000          | 225.850         | 7) RGPPL Injection             | 28.457         | 196.834         |
| 4) Other CPP / IPP        | 11.670         | 203.694         | 8) Pench (Excess)              | -0.032         | -3.209          |
| 5) Wind Generation        | 15.591         | 273.506         | <b># Total Cent. Sector</b>    | <b>123.221</b> | <b>2152.062</b> |
| 6) PENCH (MS)             | 0.032          | 3.209           | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -11.159        | -279.935        |
| 1) TPCL Thermal           | 25.489         | 513.195         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 1.137          | 70.784          | 1) MSEDCL Bilateral            | 23.834         | 703.016         |
| <b>TOTAL TPCL</b>         | <b>26.626</b>  | <b>583.979</b>  | Include PX                     | 0.000          | 50.068          |
| 3) REL Thermal            | 11.914         | 235.545         | 2) MUMBAI Bilateral            | 13.941         | 298.947         |
| <b>D) STATE</b>           |                |                 | Include PX                     | 0.926          | 68.626          |
| 1) Thermal (A1+C1+C3)     | 156.559        | 2941.917        | 3) MUMBAI Schedule             | 13.941         | 298.947         |
| 2) Hydro (A2+B5+C2)       | 8.076          | 350.655         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 10.078         | 162.494         | 1) MSEDCL                      | 311.166        | 5857.993        |
| 4) Wind (B4)              | 15.591         | 273.506         | 2) TPCL                        | 31.668         | 711.714         |
| 5) CPP (B1+B2+B3)         | 47.340         | 850.968         | 3) REL                         | 18.032         | 387.716         |
| <b>TOTAL STATE</b>        | <b>237.644</b> | <b>4579.540</b> | <b>TOTAL STATE</b>             | <b>360.866</b> | <b>6957.423</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 5 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 4774                             | 5018                             | 4789                             |
| MSGENCO Hydro                   | 974                              | 132                              | 103                              |
| MSGENCO Gas                     | 443                              | 454                              | 334                              |
| <b>MSGENCO Total Generation</b> | <b>6191</b>                      | <b>5604</b>                      | <b>5226</b>                      |
| <b>Central Sector Receipt</b>   | <b>5145</b>                      | <b>5215</b>                      | <b>4981</b>                      |
| <b>WIND</b>                     | <b>523</b>                       | <b>857</b>                       | <b>812</b>                       |
| <b>CPP / IPP</b>                | <b>2046</b>                      | <b>2007</b>                      | <b>1977</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-364</b>                      | <b>-422</b>                      | <b>-259</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>13541</b>                     | <b>13261</b>                     | <b>12737</b>                     |
| <b>Load Shedding</b>            | <b>603</b>                       | <b>369</b>                       | <b>271</b>                       |
| <b>MSEDCL DEMAND</b>            | <b>14144</b>                     | <b>13630</b>                     | <b>13008</b>                     |
| <b>TPCL GENERATION</b>          | <b>1208</b>                      | <b>1135</b>                      | <b>1093</b>                      |
| <b>R-INFRA GENERATION</b>       | <b>521</b>                       | <b>518</b>                       | <b>521</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2093</b>                      | <b>2075</b>                      | <b>1873</b>                      |
| <b>STATE DEMAND MET</b>         | <b>15634</b>                     | <b>15336</b>                     | <b>14610</b>                     |
| <b>STATE DEMAND</b>             | <b>16237</b>                     | <b>15705</b>                     | <b>14881</b>                     |
| <b>Frequency (Hz)</b>           | <b>50.01</b>                     | <b>50.21</b>                     | <b>50.06</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.59 Hz at 06.00 Hrs</b> | <b>49.73 Hz at 22.04 Hrs</b> | <b>50.08</b>         | <b>0 % of Time(min)</b>    |

\* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 19/May/2013

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 2.46        | 48.16         | 145      | 75       | 120      |
| Unit 6           | 2.99        | 56.82         | 145      | 90       | 140      |
| Unit 7           | 3.33        | 69.58         | 160      | 120      | 150      |
| Total            | 8.78        | 174.56        |          |          | 410      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.76        | 55.29         | 170      | 140      | 160      |
| Unit 3           | 3.60        | 69.47         | 165      | 130      | 160      |
| Unit 4           | 8.50        | 164.60        | 430      | 310      | 430      |
| Unit 5           | 5.16        | 23.01         | 230      | 195      |          |
| Total            | 21.02       | 312.36        |          |          | 750      |
| 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           | 3.66        | 70.80         | 166      | 143      | 165      |
| Unit 2           | 3.71        | 66.14         | 172      | 141      | 165      |
| Unit 3           | 4.69        | 87.62         | 200      | 183      | 200      |
| Unit 4           | 4.36        | 79.32         | 188      | 174      | 190      |
| Unit 5           | 9.77        | 192.15        | 440      | 370      | 425      |
| Unit 6           | 10.26       | 183.54        | 450      | 395      | 450      |
| Unit 7           | 3.28        | 133.48        | 370      | 0        | 0        |
| Total            | 39.73       | 813.04        |          |          | 1595     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.89        | 105.12        | 258      | 208      | 250      |
| Unit 4           | 5.96        | 103.48        | 260      | 216      | 250      |
| Total            | 11.84       | 208.59        |          |          | 500      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.70        | 60.68         | 185      | 130      | 150      |
| Unit 2           | 3.39        | 67.05         | 165      | 125      | 150      |
| Unit 3           | 3.97        | 69.48         | 193      | 152      | 150      |
| Unit 4           | 3.87        | 74.22         | 175      | 147      | 150      |
| Unit 5           | 9.90        | 171.22        | 460      | 350      | 425      |
| Total            | 24.84       | 442.65        |          |          | 1025     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.34        | 80.61         | 190      | 170      | 190      |
| Unit 4           | 4.23        | 77.52         | 182      | 170      | 180      |
| Unit 5           | 4.38        | 83.83         | 194      | 173      | 195      |
| Total            | 12.94       | 241.97        |          |          | 565      |
| Uran             |             |               |          |          |          |
| All Units        | 10.08       | 162.49        | 472      | 334      | 440      |
| Total            | 10.08       | 162.49        |          |          | 440      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.03        | 3.21          | 22       | 0        |          |
| Total            | 0.03        | 3.21          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.66        | 77.50         | 510      | 40       | 600      |
| Stage 4          | 0.80        | 98.39         | 385      | 0        | 250      |
| Stage 3          | 0.79        | 38.92         | 240      | 0        | 240      |
| Kovna 12&4 Total | 3.45        | 175.88        |          |          | 850      |

| Generating unit  | Generation   |                |          |          | OLC (MW)    |
|------------------|--------------|----------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus)  | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>4.24</b>  | <b>214.80</b>  |          |          | <b>1090</b> |
| <b>Hydro</b>     |              |                |          |          |             |
| KDPH             | 0.78         | 13.44          | 33       | 32       | 34          |
| VTRNA            | 0.00         | 12.89          | 0        | 0        | 0           |
| TILLARI          | 0.36         | 6.54           | 60       | 0        | 60          |
| BHTGR/VEER       | 0.00         | 0.36           | 0        | 0        | 0           |
| BHIRA T.R.       | 0.16         | 3.88           | 76       | 0        | 43          |
| RNGR+BHTSA       | 0.26         | 5.21           | 11       | 10       | 12          |
| BHANDARDRA       | 0.00         | 3.36           | 0        | 0        | 0           |
| ELDARY           | 0.00         | 0.00           | 0        | 0        | 0           |
| SMLHY PTN        | 0.49         | 9.47           | 21       | 20       |             |
| GHATGHAR         | 0.61         | 6.72           | 125      | 0        |             |
| <b>Total</b>     | <b>2.67</b>  | <b>61.86</b>   |          |          | <b>149</b>  |
| <b>Wind</b>      |              |                |          |          |             |
| MalharPeth       | 0.40         | 9.24           |          |          |             |
| Vankuswadi       | 0.67         | 13.48          |          |          |             |
| ATIT             | 0.08         | 6.93           |          |          |             |
| Kale             | 0.28         | 6.27           |          |          |             |
| Satara           | 0.66         | 16.84          |          |          |             |
| Shirala          | 0.25         | 6.28           |          |          |             |
| K Mahankal       | 1.37         | 13.84          |          |          |             |
| Supa             | 0.12         | 2.21           |          |          |             |
| Vita             | 0.79         | 19.44          |          |          |             |
| Dondaicha        | 7.72         | 124.78         |          |          |             |
| Sakri            | 0.97         | 15.90          |          |          |             |
| Nandurbar        | 0.87         | 13.40          |          |          |             |
| Khandke          | 0.60         | 11.37          |          |          |             |
| Khaparale        | 0.80         | 13.53          |          |          |             |
| <b>Total</b>     | <b>15.59</b> | <b>273.51</b>  |          |          |             |
| <b>CPP</b>       |              |                |          |          |             |
| JSW JAIGAD       | 27.89        | 499.72         | 1196     | 1023     | 1100        |
| WARDHA           | 7.78         | 147.55         | 327      | 321      | 325         |
| Adani            | 0.00         | 225.85         | 0        | 0        |             |
| Other CPPs       | 11.67        | 203.69         |          |          | 220         |
| <b>Total</b>     | <b>47.34</b> | <b>1076.82</b> |          |          | <b>1645</b> |
| <b>Tata</b>      |              |                |          |          |             |
| Trombay 4        | 0.00         | 0.00           | 0        | 0        | 0           |
| Trombay 5        | 11.37        | 217.22         | 503      | 285      | 500         |
| Trombay 6        | 3.61         | 96.80          | 169      | 147      | 500         |
| Trombay 7A       | 2.95         | 55.69          | 125      | 121      | 120         |
| Trombay 7B       | 1.61         | 30.50          | 68       | 66       | 60          |
| Trombay 8        | 5.95         | 112.98         | 253      | 197      | 250         |
| TATA Hydro       | 1.14         | 70.78          | 128      | 0        | 447         |
| <b>Total</b>     | <b>26.63</b> | <b>583.98</b>  |          |          | <b>1877</b> |
| <b>REL</b>       |              |                |          |          |             |
| 1&2              | 11.91        | 235.54         | 523      | 390      | 500         |
| <b>Total</b>     | <b>11.91</b> | <b>235.54</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |                |          |          |             |
| Share            |              |                |          |          | 5191        |
| <b>Total</b>     |              |                |          |          | <b>5191</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 119.16        | 2193.18        |  |  | 4845         |
|                    | Thml+Gas     | 129.23        | 2355.67        |  |  | 5285         |
|                    | Hydro        | 6.91          | 276.66         |  |  | 1239         |
|                    | <b>Total</b> | <b>136.14</b> | <b>2632.33</b> |  |  | <b>6524</b>  |
| <b>State Total</b> |              | <b>237.64</b> | <b>4579.54</b> |  |  | <b>15737</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/May/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                  | 4891        | 572  | 411   | 5874   | 750   | 1980         | 5155        | 5632        | -705         | -661                 | 13575                   | 140                  | 13715                       | 2299                         | 16014           | 49.99         |
| 2                  | 4811        | 427  | 412   | 5650   | 859   | 1974         | 5086        | 5215        | -635         | -548                 | 13150                   | 200                  | 13350                       | 2148                         | 15498           | 49.93         |
| 3                  | 4828        | 167  | 412   | 5407   | 861   | 1974         | 5001        | 5069        | -548         | -408                 | 12903                   | 216                  | 13119                       | 2020                         | 15139           | 50.01         |
| 4                  | 4836        | 108  | 411   | 5355   | 795   | 1975         | 5053        | 4940        | -502         | -311                 | 12754                   | 232                  | 12986                       | 1922                         | 14908           | 50.09         |
| 5                  | 4789        | 103  | 334   | 5226   | 812   | 1977         | 5049        | 4981        | -494         | -259                 | 12737                   | 271                  | 13008                       | 1873                         | 14881           | 50.06         |
| 6                  | 4870        | 108  | 338   | 5316   | 701   | 1969         | 5046        | 5163        | -495         | -279                 | 12870                   | 397                  | 13267                       | 1891                         | 15158           | 50.08         |
| 7                  | 4938        | 103  | 365   | 5406   | 739   | 1962         | 5022        | 4571        | -491         | -204                 | 12474                   | 834                  | 13308                       | 1817                         | 15125           | 50.34         |
| 8                  | 4937        | 113  | 356   | 5406   | 606   | 1993         | 5022        | 4719        | -492         | -178                 | 12546                   | 819                  | 13365                       | 1793                         | 15158           | 50.19         |
| 9                  | 4982        | 138  | 368   | 5488   | 523   | 2009         | 4995        | 5172        | -472         | -220                 | 12972                   | 783                  | 13755                       | 1835                         | 15590           | 50.14         |
| 10                 | 4869        | 274  | 370   | 5513   | 513   | 2035         | 5045        | 5595        | -558         | -317                 | 13339                   | 571                  | 13910                       | 1928                         | 15838           | 50.13         |
| 11                 | 4789        | 950  | 365   | 6104   | 426   | 2050         | 5039        | 5405        | -569         | -343                 | 13642                   | 538                  | 14180                       | 2025                         | 16205           | 50.06         |
| 12                 | 4774        | 974  | 443   | 6191   | 523   | 2046         | 5042        | 5145        | -573         | -364                 | 13541                   | 603                  | 14144                       | 2093                         | 16237           | 50.01         |
| 13                 | 4819        | 567  | 445   | 5831   | 516   | 2089         | 5085        | 5123        | -575         | -385                 | 13174                   | 705                  | 13879                       | 2080                         | 15959           | 50.12         |
| 14                 | 4994        | 183  | 443   | 5620   | 647   | 2044         | 5083        | 5040        | -575         | -375                 | 12976                   | 593                  | 13569                       | 2065                         | 15634           | 50.07         |
| 15                 | 5055        | 173  | 445   | 5673   | 640   | 2074         | 5082        | 5267        | -574         | -367                 | 13287                   | 463                  | 13750                       | 2092                         | 15842           | 49.90         |
| 16                 | 4963        | 390  | 447   | 5800   | 712   | 2028         | 5034        | 5410        | -571         | -410                 | 13540                   | 412                  | 13952                       | 2107                         | 16059           | 50.04         |
| 17                 | 5018        | 132  | 454   | 5604   | 857   | 2007         | 5028        | 5215        | -565         | -422                 | 13261                   | 369                  | 13630                       | 2075                         | 15705           | 50.21         |
| 18                 | 5111        | 105  | 464   | 5680   | 904   | 1894         | 4696        | 4449        | -557         | -686                 | 12241                   | 425                  | 12666                       | 2039                         | 14705           | 50.35         |
| 19                 | 4932        | 116  | 468   | 5516   | 772   | 1792         | 4666        | 4771        | -549         | -811                 | 12040                   | 302                  | 12342                       | 2028                         | 14370           | 50.22         |
| 20                 | 5054        | 241  | 468   | 5763   | 705   | 1880         | 4997        | 5128        | -614         | -783                 | 12701                   | 330                  | 13031                       | 2203                         | 15234           | 50.04         |
| 21                 | 5191        | 170  | 466   | 5827   | 521   | 1880         | 5162        | 5060        | -651         | -709                 | 12601                   | 225                  | 12826                       | 2307                         | 15133           | 50.06         |
| 22                 | 5240        | 110  | 472   | 5822   | 498   | 1877         | 5226        | 5135        | -646         | -728                 | 12606                   | 131                  | 12737                       | 2332                         | 15069           | 50.10         |
| 23                 | 5275        | 238  | 469   | 5982   | 367   | 1881         | 5293        | 5318        | -738         | -694                 | 12854                   | 115                  | 12969                       | 2354                         | 15323           | 49.91         |
| 24                 | 5190        | 445  | 452   | 6087   | 343   | 1950         | 5293        | 5696        | -793         | -697                 | 13379                   | 115                  | 13494                       | 2373                         | 15867           | 49.95         |
| MUs                | 119.16      | 6.91 | 10.08 | 136.14 | 15.59 | 47.34        | 121.20      | 123.22      | -13.94       | -11.16               | 311.16                  | 9.79                 | 320.95                      | 49.70                        | 370.65          | 50.08         |

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 19/May/2013**

Position as on 6.30 Hrs of 20/May/2013

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                                  | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|---------------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                                   |               |
| Parli Unit 4            | 210      | 28/11/2012   | 02.37        |            | Continued. | water shortage.                                   |               |
| Koyna Unit 12           | 80       | 29/11/2012   | 08.30        |            | Continued. | A/OH.                                             |               |
| Cent_Sect Tarapur 2     | 160      | 31/12/2012   | 17.05        |            | Continued. | Refuelling work                                   |               |
| Parli Unit 6            | 250      | 25/01/2013   | 19.49        |            | Continued. | Water Shortage/AOH from 06.03.2013                |               |
| Parli Unit 3            | 210      | 13/02/2013   | 23.50        |            | Continued. | Water Shortage                                    |               |
| Parli Unit 5            | 210      | 14/02/2013   | 22.45        |            | Continued. | Water Shortage                                    |               |
| Parli Unit 7            | 250      | 17/02/2013   | 01.00        |            | Continued. | Water Shortage.                                   |               |
| Cent_Sect TARAPUR-3     | 540      | 30/03/2013   | 22.30        |            | Continued. | AOH.                                              |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                                   |               |
| Dabhol 2B               | 230      | 03/01/2013   | 13.29        |            | Continued. | Gas shortage.                                     |               |
| CPP Adani U-2           | 660      | 22/04/2013   | 13.47        |            | Continued. | ID fan problem.                                   |               |
| Dabhol 1A               | 230      | 05/05/2013   | 09.42        |            | Continued. | Gas Shortage.                                     |               |
| Uran Unit B0            | 120      | 07/05/2013   | 00.06        | 19/05/2013 | 11.15      | C T & P T Replacement Work.                       |               |
| Uran Unit 8             | 108      | 07/05/2013   | 00.15        |            | Continued. | Turbine Blade & Mixing Chamber Work Upto 20.5.13. |               |
| Dabhol 2X               | 290      | 11/05/2013   | 04.28        |            | Continued. | Gas Shortage                                      |               |
| Dabhol 2A               | 230      | 11/05/2013   | 04.30        |            | Continued. | Gas Shortage                                      |               |
| CPP WPCL U-3            | 135      | 11/05/2013   | 11.25        |            | Continued. | Maintenance Problem.                              |               |
| Koyna ST-IV 1           | 250      | 13/05/2013   | 09.21        |            | Continued. | Shaft Temp. Very High.                            |               |
| CPP Adani U1            | 660      | 17/05/2013   | 17.38        |            | Continued. | Water Shortage                                    |               |
| Chandrapur Unit 7       | 500      | 18/05/2013   | 23.13        | 19/05/2013 | 12.28      | Reheater Problem                                  |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 19/May/2013**

Position as on 6.30 Hrs of 20/May/2013

| Name of Line                                      | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                               |
|---------------------------------------------------|--------------|--------------|-----------------------------------|-------------------|--------------------------------------------------------------------------------|
| <b>InterState</b>                                 |              |              |                                   |                   |                                                                                |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                |
| Tarapur - Boiser                                  | 13/04/2013   | 10.33        |                                   | Continued.        | Mumbai Stengthening Work & Now Line Tarapur-Ghodbunder.(one month)             |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                                |
| Kolhapur-Solapur (PG) II                          | 16/05/2013   | 10.46        |                                   | Continued.        | H/T to control Wardha(PG)-Parli load.                                          |
| Dhule-Sar'Sarovar - I                             | 16/05/2013   | 23.01        |                                   | Continued.        | Over Voltage.                                                                  |
| Kolhapur - Mapusa - II                            | 18/05/2013   | 17.22        | 19/05/2013                        | 09.36             | Over Voltage                                                                   |
| Kolhapur - Mapusa - I                             | 19/05/2013   | 16.35        |                                   | Continued.        | Over Voltage                                                                   |
| Akola - Aurangabad - I                            | 19/05/2013   | 18.41        |                                   | Continued.        | Heavy Sparking on R Phase Bus-I Isolator Taken on TBC                          |
| Wardha - Akola - I                                | 19/05/2013   | 21.41        |                                   | Continued.        | Over Voltage                                                                   |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                                |
| Warora - Tiroda - II                              | 14/05/2013   | 16.53        |                                   | Continued.        | Over Voltage.                                                                  |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                                |
| Nasik-Navsari-I                                   | 19/05/2013   | 08.56        | 19/05/2013                        | 09.22             | Distance Protection                                                            |
| Nasik-Navsari -II                                 | 20/05/2013   | 02.13        |                                   | Continued.        | Distance Protection                                                            |
| <b>IntraState</b>                                 |              |              |                                   |                   |                                                                                |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                |
| 50MVAR Line Reactor on Bhusawal- Akola at BSL End | 04/05/2013   | 12.05        |                                   | Continued.        | Overhauling of Line Reactor upto 21-5-2013                                     |
| Babaleshwar - Bhusawal                            | 16/05/2013   | 09.47        |                                   | Continued.        | For diversion of existing 400KV BSL-BBLR from L.No.36 to 42.Outage for 8 days. |
| 400/220KV 500MVA ICT- I at Khaperkheda            | 19/05/2013   | 07.36        | 19/05/2013                        | 18.25             | Rewiring of Aux.Control Panel                                                  |
| 400/220KV 500 MVA ICT I at Kalwa                  | 19/05/2013   | 09.55        | 19/05/2013                        | 11.20             | Hot Spot                                                                       |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                |
| Ghodbandar - Bhoisor (MSETCL)                     | 13/04/2013   | 10.09        |                                   | Continued.        | Mumbai Strengthening Work.                                                     |
| Kalwa - Salshet - III                             | 19/05/2013   | 08.18        | 19/05/2013                        | 17.49             | CT Tan Delta and Bay Maintenance                                               |
| Dahanu - Ghodbandar - I                           | 19/05/2013   | 10.01        | 19/05/2013                        | 11.59             | Repl.of Y Phase Vibration Damper                                               |
| Dahanu-Ghodbandar-II                              | 19/05/2013   | 12.07        | 19/05/2013                        | 14.27             | Repl.of Y Phase Vibration Damper                                               |
| Kandalgaon-Bhira                                  | 19/05/2013   | 15.20        | 19/05/2013                        | 18.40             | Hot Spot                                                                       |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                                |
| 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.        | Hand Tripped.                                                                  |
| Bhusawal - Deepnagar - I                          | 05/04/2013   | 09.26        |                                   | Continued.        | Over Voltage.                                                                  |
| Bhusawal- Aurangabad                              | 17/05/2013   | 22.24        |                                   | Continued.        | Over Voltage                                                                   |
| Karad - Kolhapur - II                             | 19/05/2013   | 17.52        |                                   | Continued.        | Over Voltage                                                                   |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                                |
| Chikhali - Jalna - II                             | 12/04/2013   | 17.57        |                                   | Continued.        | To Control Over Loading of 220KV Paras-Chikhali.                               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 19/May/2013**

Position as on 6.30 Hrs of 20/May/2013

| Name of Line                                | Tripped Date | Tripped Time | Synchronised Date          | Synchronised Time | Reason of Outage                                           |
|---------------------------------------------|--------------|--------------|----------------------------|-------------------|------------------------------------------------------------|
| Phursungi - Theur                           | 14/05/2013   | 08.09        |                            | Continued.        | After completion of outage on Theur-Phursungi              |
| <b>Voltage Level : 400KV</b>                |              |              | <b>Outage Type TRIPPED</b> |                   |                                                            |
| 400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR | 25/09/2012   | 15.38        |                            | Continued.        | Differential protection operated Declared Faulty by Genco. |
| Warora- Tirora -II                          | 25/04/2013   | 16.53        |                            | Continued.        | Distance protection.                                       |
| Warora - Wardha (PG) - II                   | 19/05/2013   | 15.50        | 19/05/2013                 | 17.06             | Distance Protection                                        |
| Karad-Jaigad I                              | 20/05/2013   | 01.13        | 20/05/2013                 | 06.34             | Distance Protection                                        |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type TRIPPED</b> |                   |                                                            |
| Usmanabad-Paranda                           | 25/04/2013   | 16.36        |                            | Continued.        | Distance protection(4 Nos of Tower Collapsed)              |
| Paranda-Barshi                              | 25/04/2013   | 17.39        |                            | Continued.        | Distance protection(Ckt Under Breakdown)                   |
| Girwali - Parbhani                          | 18/05/2013   | 18.32        | 19/05/2013                 | 05.01             | Distance Protection                                        |
| Kandalgaon - Sona Alloy                     | 20/05/2013   | 01.03        | 20/05/2013                 | 01.20             | Distance Protection                                        |
| KDPH-Wankuswadi                             | 20/05/2013   | 03.15        |                            | Continued.        | Distance protection                                        |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 20/May/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 130         |
| Unit 6             | 210                   | 120         |
| Unit 7             | 210                   | 120         |
|                    | <b>620</b>            | <b>370</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 500                   | 375         |
| Unit 5             | 500                   |             |
|                    | <b>1420</b>           | <b>695</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   |             |
| Unit 4             | 210                   |             |
| Unit 5             | 210                   |             |
| Unit 6             | 250                   |             |
| Unit 7             | 250                   |             |
|                    | <b>1130</b>           |             |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 165         |
| Unit 2             | 210                   | 165         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 430         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>2000</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                   | 150         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 500                   | 400         |
|                    | <b>1340</b>           | <b>1100</b> |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 210                   | 190         |
|                    | <b>630</b>            | <b>560</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 480         |
|                    | <b>852</b>            | <b>480</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                    | 33          |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 0           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 11          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    |             |
| GHATGHAR         | 250                   |             |
|                  | <b>611</b>            | <b>184</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                  | 1100        |
| WARDHA           | 405                   | 345         |
| Adani            | 1320                  |             |
| Other CPPs       | 300                   | 230         |
|                  | <b>3225</b>           | <b>1675</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                  | 5312        |
|                  | <b>3455</b>           | <b>5312</b> |