



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**21/Sep/2013**

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

| <b>I GENERATION (MUs)</b> |                |                 | <b>II EXCHANGES (MUs)</b>      |                |                 |
|---------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| <b>A) MSGENCO</b>         | <b>Daily</b>   | <b>Monthly</b>  | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>  |
| 1) Thermal                | 87.654         | 1953.069        | 1) Gujrat                      | -11.815        | 188.305         |
| 2) Hydro                  | 4.783          | 333.521         | 2) Madhya Pradesh              | 11.741         | 403.516         |
| 3) Gas                    | 9.431          | 215.143         | 3) Chattisgarh                 | 9.800          | 210.280         |
| <b>Total MSGENCO</b>      | <b>101.868</b> | <b>2501.733</b> | 4) Maharashtra                 | 53.531         | 1402.904        |
| <b>B) 1) JSW JAIGAD</b>   | 19.059         | 443.639         | 5) Goa                         | -5.085         | -113.259        |
| 2) WPCL                   | 7.403          | 155.066         | 6) TAPS 1&2 Injection          | 7.797          | 153.864         |
| 3) ADANI                  | 24.770         | 535.330         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 4) Other CPP / IPP        | 11.691         | 259.398         | 8) Pench (Excess)              | -0.862         | -12.697         |
| 5) Wind Generation        | 34.786         | 170.605         | <b># Total Cent. Sector</b>    | <b>65.107</b>  | <b>2232.913</b> |
| 6) PENCH (MS)             | 0.862          | 12.697          | <b>F) Other Exchanges</b>      |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -21.315        | -403.398        |
| 1) TPCL Thermal           | 18.689         | 394.499         | <b>G) Bilateral Power *</b>    |                |                 |
| 2) TPCL Hydro             | 3.419          | 108.445         | 1) MSEDCL Bilateral            | -7.635         | 340.263         |
| <b>TOTAL TPCL</b>         | <b>22.108</b>  | <b>502.944</b>  | Include PX                     | -9.836         | 68.462          |
| 3) REL Thermal            | 12.062         | 256.606         | 2) MUMBAI Bilateral            | 7.503          | 370.864         |
| <b>D) STATE</b>           |                |                 | Include PX                     | 4.171          | 92.272          |
| 1) Thermal (A1+C1+C3)     | 118.405        | 2604.174        | 3) MUMBAI Schedule             | 7.503          | 371.404         |
| 2) Hydro (A2+B5+C2)       | 9.064          | 454.663         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 3) Gas (A3)               | 9.431          | 215.143         | 1) MSEDCL                      | 244.231        | 5907.983        |
| 4) Wind (B4)              | 34.786         | 170.605         | 2) TPCL                        | 35.714         | 754.945         |
| 5) CPP (B1+B2+B3)         | 62.923         | 882.873         | 3) REL                         | 19.774         | 408.016         |
| <b>TOTAL STATE</b>        | <b>234.609</b> | <b>4327.458</b> | <b>TOTAL STATE</b>             | <b>299.719</b> | <b>7070.944</b> |

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

| <b>PARTICULARS</b>              | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 20 Hrs</b> | <b>C. Night Minimum at 5 Hrs</b> |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                 | 3660                             | 3910                             | 3335                             |
| MSGENCO Hydro                   | 353                              | 254                              | 162                              |
| MSGENCO Gas                     | 373                              | 381                              | 436                              |
| <b>MSGENCO Total Generation</b> | <b>4386</b>                      | <b>4545</b>                      | <b>3933</b>                      |
| <b>Central Sector Receipt</b>   | <b>2883</b>                      | <b>3686</b>                      | <b>2141</b>                      |
| <b>WIND</b>                     | <b>1480</b>                      | <b>1353</b>                      | <b>1423</b>                      |
| <b>CPP / IPP</b>                | <b>2783</b>                      | <b>2850</b>                      | <b>2381</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-1192</b>                     | <b>-958</b>                      | <b>-613</b>                      |
| <b>MSEDCL DEMAND MET</b>        | <b>10387</b>                     | <b>11523</b>                     | <b>9287</b>                      |
| <b>Load Shedding</b>            | <b>53</b>                        | <b>94</b>                        | <b>52</b>                        |
| <b>MSEDCL DEMAND</b>            | <b>10440</b>                     | <b>11617</b>                     | <b>9339</b>                      |
| <b>TPCL GENERATION</b>          | <b>1073</b>                      | <b>1200</b>                      | <b>609</b>                       |
| <b>R-INFRA GENERATION</b>       | <b>522</b>                       | <b>521</b>                       | <b>405</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2787</b>                      | <b>2679</b>                      | <b>1627</b>                      |
| <b>STATE DEMAND MET</b>         | <b>13174</b>                     | <b>14202</b>                     | <b>10914</b>                     |
| <b>STATE DEMAND</b>             | <b>13227</b>                     | <b>14296</b>                     | <b>10966</b>                     |
| <b>Frequency (Hz)</b>           | <b>50.14</b>                     | <b>50.16</b>                     | <b>49.90</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>        | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|-----------------------------|------------------------------|----------------------|----------------------------|
| <b>50.6 Hz at 13.00 Hrs</b> | <b>49.71 Hz at 05.41 Hrs</b> | <b>50.09</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/Sep/2013

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 2.88        | 42.10         | 135      | 105      | 110      |
| Unit 6           | 2.81        | 45.75         | 146      | 73       | 125      |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 5.69        | 87.85         |          |          | 235      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.68        | 42.44         | 140      | 0        | 0        |
| Unit 3           | 3.14        | 71.70         | 145      | 120      | 140      |
| Unit 4           | 7.62        | 143.32        | 375      | 275      | 300      |
| Unit 5           | 1.90        | 111.23        | 245      | 0        | 0        |
| Total            | 13.34       | 368.69        |          |          | 440      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.32        | 68.55         | 155      | 115      | 145      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 4.48        | 93.63         | 210      | 178      | 182      |
| Unit 7           | 4.26        | 92.01         | 199      | 154      | 175      |
| Total            | 12.06       | 254.19        |          |          | 502      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.33        | 52.39         | 110      | 84       | 100      |
| Unit 2           | 1.98        | 63.48         | 103      | 0        | 80       |
| Unit 3           | 2.34        | 59.04         | 115      | 75       | 120      |
| Unit 4           | 2.34        | 78.70         | 114      | 77       | 120      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 7.38        | 154.99        | 340      | 242      | 330      |
| Unit 7           | 8.02        | 165.60        | 358      | 294      | 375      |
| Total            | 24.38       | 574.20        |          |          | 1125     |
| Paras            |             |               |          |          |          |
| Unit 3           | 3.52        | 94.89         | 157      | 136      | 140      |
| Unit 4           | 3.54        | 93.22         | 168      | 76       | 161      |
| Total            | 7.05        | 188.11        |          |          | 301      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.24        | 69.61         | 170      | 90       | 160      |
| Unit 2           | 2.34        | 26.19         | 145      | 0        | 100      |
| Unit 3           | 3.86        | 70.70         | 195      | 143      | 190      |
| Unit 4           | 3.76        | 76.07         | 182      | 134      | 190      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Total            | 13.22       | 242.58        |          |          | 640      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 3.94        | 72.79         | 175      | 145      | 190      |
| Unit 4           | 3.96        | 77.24         | 179      | 155      | 180      |
| Unit 5           | 4.02        | 87.42         | 183      | 160      | 180      |
| Total            | 11.92       | 237.45        |          |          | 550      |
| Uran             |             |               |          |          |          |
| All Units        | 9.43        | 215.14        | 446      | 359      | 450      |
| Total            | 9.43        | 215.14        |          |          | 450      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.86        | 12.70         | 53       | 20       |          |
| Total            | 0.86        | 12.70         |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.42        | 91.30         | 220      | 40       | 600      |
| Stage 4          | 0.00        | 140.02        | 0        | 0        | 250      |
| Stage 3          | 0.88        | 52.40         | 138      | 0        | 240      |
| Kovna 12&4 Total | 1.42        | 231.33        |          |          | 850      |

| Generating unit  | Generation   |                |          |          | OLC (MW)    |
|------------------|--------------|----------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus)  | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>2.30</b>  | <b>283.73</b>  |          |          | <b>1090</b> |
| <b>Hydro</b>     |              |                |          |          |             |
| KDPH             | 0.00         | 4.70           | 0        | 0        | 0           |
| VTRNA            | 0.20         | 3.26           | 61       | 0        | 0           |
| TILLARI          | 0.24         | 5.18           | 58       | 0        | 60          |
| BHTGR/VEER       | 0.11         | 2.13           | 5        | 4        | 4           |
| BHIRA T.R.       | 0.34         | 8.99           | 41       | 0        | 40          |
| RNGR+BHTSA       | 0.41         | 5.46           | 18       | 17       | 14          |
| BHANDARDRA       | 0.58         | 4.90           | 39       | 14       | 0           |
| ELDARY           | 0.00         | 0.00           | 0        | 0        | 0           |
| SMLHY PTN        | 0.29         | 6.82           | 12       | 12       | 0           |
| GHATGHAR         | 0.32         | 8.35           | 125      | 0        | 0           |
| <b>Total</b>     | <b>2.49</b>  | <b>49.80</b>   |          |          | <b>118</b>  |
| <b>Wind</b>      |              |                |          |          |             |
| MalharPeth       | 1.09         | 6.06           |          |          |             |
| Vankuswadi       | 2.03         | 9.79           |          |          |             |
| ATIT             | 0.33         | 1.99           |          |          |             |
| Kale             | 0.90         | 4.10           |          |          |             |
| Satara           | 8.55         | 39.07          |          |          |             |
| Shirala          | 0.53         | 3.61           |          |          |             |
| K Mahankal       | 0.22         | 1.48           |          |          |             |
| Supa             | 0.53         | 3.13           |          |          |             |
| Vita             | 4.43         | 17.70          |          |          |             |
| Dondaicha        | 10.39        | 56.03          |          |          |             |
| Sakri            | 1.45         | 7.88           |          |          |             |
| Nandurbar        | 0.98         | 5.47           |          |          |             |
| Khandke          | 1.72         | 7.03           |          |          |             |
| Khaparale        | 1.64         | 7.27           |          |          |             |
| <b>Total</b>     | <b>34.79</b> | <b>170.60</b>  |          |          |             |
| <b>CPP</b>       |              |                |          |          |             |
| JSW JAIGAD       | 19.06        | 443.64         | 872      | 760      | 782         |
| WARDHA           | 7.40         | 155.07         | 324      | 289      | 325         |
| Adani            | 24.77        | 535.33         | 1220     | 780      | 1234        |
| Other CPPs       | 11.69        | 259.40         |          |          | 495         |
| <b>Total</b>     | <b>62.92</b> | <b>1393.43</b> |          |          | <b>2836</b> |
| <b>Tata</b>      |              |                |          |          |             |
| Trombay 4        | 0.00         | 0.00           | 0        | 0        | 0           |
| Trombay 5        | 10.44        | 238.49         | 501      | 304      | 500         |
| Trombay 6        | 0.00         | 0.00           | 0        | 0        | 0           |
| Trombay 7A       | 2.07         | 27.20          | 131      | 70       | 120         |
| Trombay 7B       | 0.67         | 9.27           | 55       | 0        | 0           |
| Trombay 8        | 5.51         | 119.54         | 253      | 184      | 250         |
| TATA Hydro       | 3.42         | 108.44         | 395      | 0        | 447         |
| <b>Total</b>     | <b>22.11</b> | <b>502.94</b>  |          |          | <b>1317</b> |
| <b>REL</b>       |              |                |          |          |             |
| 1&2              | 12.06        | 256.61         | 524      | 405      | 500         |
| <b>Total</b>     | <b>12.06</b> | <b>256.61</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |                |          |          |             |
| Share            |              |                |          |          | 3620        |
| <b>Total</b>     |              |                |          |          | <b>3620</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 87.65         | 1953.07        |  |  | 3793         |
|                    | Thml+Gas     | 97.08         | 2168.21        |  |  | 4243         |
|                    | Hydro        | 4.78          | 333.52         |  |  | 1208         |
|                    | <b>Total</b> | <b>101.87</b> | <b>2501.73</b> |  |  | <b>5451</b>  |
| <b>State Total</b> |              | <b>234.61</b> | <b>4327.46</b> |  |  | <b>13724</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 21/Sep/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                  | 3408        | 208  | 426  | 4042   | 1372  | 2528         | 2294        | 2309        | -76          | -612                 | 9686                    | 81                   | 9767                        | 2011                         | 11778           | 50.07         |
| 2                  | 3427        | 121  | 429  | 3977   | 1441  | 2408         | 2174        | 2135        | -59          | -415                 | 9593                    | 52                   | 9645                        | 1793                         | 11438           | 50.06         |
| 3                  | 3433        | 121  | 433  | 3987   | 1479  | 2390         | 2249        | 2013        | -9           | -346                 | 9570                    | 52                   | 9622                        | 1701                         | 11323           | 50.07         |
| 4                  | 3411        | 111  | 437  | 3959   | 1427  | 2414         | 2227        | 2126        | 14           | -581                 | 9366                    | 52                   | 9418                        | 1637                         | 11055           | 50.04         |
| 5                  | 3335        | 162  | 436  | 3933   | 1423  | 2381         | 1954        | 2141        | 10           | -613                 | 9287                    | 52                   | 9339                        | 1627                         | 10966           | 49.90         |
| 6                  | 3440        | 271  | 446  | 4157   | 1495  | 2558         | 1903        | 2215        | 6            | -705                 | 9742                    | 58                   | 9800                        | 1723                         | 11523           | 49.95         |
| 7                  | 3547        | 237  | 446  | 4230   | 1519  | 2901         | 2197        | 2328        | -19          | -718                 | 10283                   | 94                   | 10377                       | 1842                         | 12219           | 50.09         |
| 8                  | 3531        | 119  | 437  | 4087   | 1513  | 2948         | 2378        | 2905        | -172         | -825                 | 10648                   | 94                   | 10742                       | 1948                         | 12690           | 50.04         |
| 9                  | 3550        | 155  | 401  | 4106   | 1443  | 2919         | 2552        | 3049        | -366         | -897                 | 10642                   | 85                   | 10727                       | 2218                         | 12945           | 50.04         |
| 10                 | 3681        | 268  | 378  | 4327   | 1459  | 2888         | 2890        | 2866        | -569         | -1115                | 10447                   | 62                   | 10509                       | 2536                         | 13045           | 50.17         |
| 11                 | 3660        | 353  | 373  | 4386   | 1480  | 2783         | 3076        | 2883        | -558         | -1192                | 10387                   | 53                   | 10440                       | 2787                         | 13227           | 50.14         |
| 12                 | 3626        | 361  | 369  | 4356   | 1693  | 2534         | 2650        | 2693        | -592         | -1083                | 10216                   | 54                   | 10270                       | 2848                         | 13118           | 50.15         |
| 13                 | 3643        | 274  | 367  | 4284   | 1603  | 2440         | 2722        | 2475        | -567         | -1061                | 9787                    | 109                  | 9896                        | 2840                         | 12736           | 50.15         |
| 14                 | 3704        | 139  | 367  | 4210   | 1541  | 2392         | 2727        | 2434        | -572         | -1026                | 9598                    | 57                   | 9655                        | 2664                         | 12319           | 50.20         |
| 15                 | 3669        | 145  | 366  | 4180   | 1395  | 2428         | 2387        | 2630        | -563         | -1056                | 9617                    | 73                   | 9690                        | 2683                         | 12373           | 50.05         |
| 16                 | 3786        | 332  | 365  | 4483   | 1424  | 2708         | 2178        | 2630        | -541         | -1130                | 10139                   | 71                   | 10210                       | 2699                         | 12909           | 50.25         |
| 17                 | 3698        | 304  | 364  | 4366   | 1516  | 2328         | 2107        | 2571        | -491         | -1106                | 9698                    | 71                   | 9769                        | 2655                         | 12424           | 50.17         |
| 18                 | 3804        | 151  | 364  | 4319   | 1507  | 2524         | 2523        | 2637        | -469         | -1058                | 9976                    | 71                   | 10047                       | 2598                         | 12645           | 50.05         |
| 19                 | 3891        | 132  | 368  | 4391   | 1208  | 2647         | 3196        | 3648        | -375         | -997                 | 10950                   | 71                   | 11021                       | 2622                         | 13643           | 50.07         |
| 20                 | 3910        | 254  | 381  | 4545   | 1353  | 2850         | 3544        | 3686        | -359         | -958                 | 11523                   | 94                   | 11617                       | 2679                         | 14296           | 50.16         |
| 21                 | 3913        | 158  | 379  | 4450   | 1484  | 2730         | 3564        | 3663        | -377         | -967                 | 11407                   | 94                   | 11501                       | 2560                         | 14061           | 50.09         |
| 22                 | 3912        | 89   | 380  | 4381   | 1371  | 2652         | 3453        | 3351        | -279         | -932                 | 10845                   | 76                   | 10921                       | 2440                         | 13361           | 50.11         |
| 23                 | 3809        | 139  | 360  | 4308   | 1346  | 2689         | 2711        | 3353        | -289         | -1009                | 10740                   | 54                   | 10794                       | 2232                         | 13026           | 49.99         |
| 24                 | 3866        | 179  | 359  | 4404   | 1294  | 2883         | 2377        | 2364        | -231         | -913                 | 10082                   | 54                   | 10136                       | 2142                         | 12278           | 50.04         |
| MUs                | 87.65       | 4.78 | 9.43 | 101.87 | 34.79 | 62.92        | 62.03       | 65.10       | -7.50        | -21.32               | 244.23                  | 1.68                 | 245.91                      | 55.48                        | 301.40          | 50.09         |

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/Sep/2013**

Position as on 6.30 Hrs of 22/Sep/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 3            | 210      | 13/02/2013   | 23.50        |            | Continued. | Water Shortage                                           |               |
| Koyna Unit 11           | 80       | 04/06/2013   | 13.25        |            | Continued. | Rotar Fault.                                             |               |
| Chandrapur Unit 5       | 500      | 14/07/2013   | 00.01        |            | Continued. | Annual Overhaul                                          |               |
| Koradi Unit 7           | 210      | 09/08/2013   | 07.22        |            | Continued. | Annual Overhaul                                          |               |
| Cent_Sect Sipat U-1     | 660      | 15/08/2013   | 02.00        |            | Continued. | Annual Overhaul                                          |               |
| Khaparkheda Unit 5      | 500      | 26/08/2013   | 21.37        |            | Continued. | Annual Overhaul                                          |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                                          |               |
| Dabhol 3B               | 230      | 28/05/2013   | 21.58        |            | Continued. | Gas shortage.                                            |               |
| Dabhol 1B               | 230      | 28/05/2013   | 22.02        |            | Continued. | Gas shortage.                                            |               |
| Dabhol 3A               | 230      | 06/06/2013   | 08.28        |            | Continued. | Gas Shortage                                             |               |
| Dabhol 3X               | 290      | 06/06/2013   | 08.28        |            | Continued. | Gas Shortage                                             |               |
| Dabhol 2A               | 230      | 06/06/2013   | 09.10        |            | Continued. | Gas Shortage                                             |               |
| Dabhol 1X               | 290      | 27/06/2013   | 21.46        |            | Continued. | Gas Shortage                                             |               |
| Dabhol 1A               | 230      | 27/06/2013   | 21.47        |            | Continued. | Gas Shortage                                             |               |
| Dabhol 2X               | 290      | 15/07/2013   | 15.09        |            | Continued. | Gas Shortage                                             |               |
| Tata Trombay 6          | 500      | 19/07/2013   | 23.54        |            | Continued. | Economic shut down.                                      |               |
| Dabhol 2B               | 230      | 08/08/2013   | 15.03        |            | Continued. | Withdrawn                                                |               |
| Cent_Sect TARAPUR-3     | 540      | 28/08/2013   | 09.08        |            | Continued. | Reactor Problem.                                         |               |
| CPP JSW (J) U2          | 300      | 07/09/2013   | 00.01        |            | Continued. | Withdrawn due to no schedule.                            |               |
| CPP Adani U1            | 660      | 10/09/2013   | 07.30        |            | Continued. | BLR T/L.                                                 |               |
| Uran Unit 8             | 108      | 13/09/2013   | 13.16        |            | Continued. | Gas Shortage.                                            |               |
| CPP WPCL U-3            | 135      | 16/09/2013   | 21.19        |            | Continued. | ESP Bag filter repl.                                     |               |
| Bhusawal Unit 2         | 210      | 17/09/2013   | 03.54        | 21/09/2013 | 17.36      | ID Fan Problem.                                          |               |
| Uran Unit 6             | 108      | 17/09/2013   | 19.17        |            | Continued. | Gas Shortage                                             |               |
| Khaparkheda Unit 2      | 210      | 19/09/2013   | 06.38        | 21/09/2013 | 04.36      | Flame Failure                                            |               |
| Bhusawal Unit 5         | 500      | 19/09/2013   | 23.26        | 21/09/2013 | 12.28      | Boiler Tube Leakage.                                     |               |
| Tata Trombay 7B         | 60       | 20/09/2013   | 16.53        | 21/09/2013 | 11.11      | Safty Valve Leakage.                                     |               |
| Bhusawal Unit 5         | 500      | 21/09/2013   | 13.07        | 21/09/2013 | 14.29      | Generation Protection Class A Operated.                  |               |
| Chandrapur Unit 2       | 210      | 21/09/2013   | 22.19        |            | Continued. | Economiser Tube Leakage.                                 |               |
| CPP INDIABULLS          | 270      | 22/09/2013   | 06.04        |            | Continued. | Due to Connected Bouth Line are Tripped on Over Voltage. |               |
| Khaparkheda Unit 4      | 210      | 22/09/2013   | 10.40        | 22/09/2013 | 14.22      | Flame Failure.                                           |               |
| Koradi Unit 5           | 200      | 22/09/2013   | 12.08        |            | Continued. | High Furnace Pressure.                                   |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 21/Sep/2013**

Position as on 6.30 Hrs of 22/Sep/2013

| Name of Generating Unit | Capacity | Tripped Date | Trippe<br>d Time | Sync.Date | Sync.<br>Time | Reason of Outage           | Expected<br>Date |
|-------------------------|----------|--------------|------------------|-----------|---------------|----------------------------|------------------|
| Bhusawal Unit 2         | 210      | 22/09/2013   | 22.18            |           | Continued.    | Main Ejector Tube Leakage. |                  |

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

Position as on 6.30 Hrs of 22/Sep/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>   |                    |                                                                                    |
| Kolhapur - Mapusa - I                        | 19/09/2013   | 16.47        |                                   | Continued.         | Over Voltage.                                                                      |
| Dhule-Sar'Sarovar - II                       | 19/09/2013   | 22.05        | 22/09/2013                        | 11.55              | Over Voltage.                                                                      |
| Dhule-Sar'Sarovar - I                        | 22/09/2013   | 15.23        |                                   | Continued.         | Over Voltage.                                                                      |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                    |
| Vasai-Boiser(PG)                             | 21/09/2013   | 09.19        | 21/09/2013                        | 17.40              | Handtripped.                                                                       |
| Nasik-Navsari-I                              | 21/09/2013   | 17.23        |                                   | Continued.         | To Control Bus Section Breaker Load.                                               |
| <b>Voltage Level : 500KV</b>                 |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                    |
| 765KV Wardha-Senoi-II (PGCIL)                | 20/08/2013   | 20:30        |                                   | Continued.         | Over Voltage.                                                                      |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                    |
| Parli - Solapur (PGCIL) - I                  | 18/09/2013   | 17.01        |                                   | Continued.         | Over Voltage                                                                       |
| Kolhapur-Solapur(PGCIL)-I                    | 18/09/2013   | 17.01        |                                   | Continued.         | Over Voltage                                                                       |
| Kolhapur-Solapur (PG) II                     | 20/09/2013   | 17.08        |                                   | Continued.         | Due to Heavy Rains,7 No's of Towers are Damaged.                                   |
| Padgha - Talegaon (PG)                       | 21/09/2013   | 15.07        | 21/09/2013                        | 20.16              | Tripped.                                                                           |
| Akola - Wardha - I                           | 22/09/2013   | 06.04        | 22/09/2013                        | 06.33              | Over Voltage.                                                                      |
| Akola - Wardha - I                           | 22/09/2013   | 15.01        | 22/09/2013                        | 16.26              | Over Voltage.                                                                      |
| <b>Voltage Level : 132KV</b>                 |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                    |
| Pench - Kanhan                               | 21/09/2013   | 16.04        | 22/09/2013                        | 13.36              | Y & B Ph.CT Jumper Open @ Mansar End.                                              |
| <b>IntraState</b>                            |              |              |                                   |                    |                                                                                    |
| <b>Voltage Level : 400KV</b>                 |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                    |
| 400 KV GT V at Khaparkheda                   | 21/08/2013   | 17.34        |                                   | Continued.         | Hot Spot B Ph. 89T Isolator.                                                       |
| Dabhol-Nagothane-II                          | 18/09/2013   | 10.51        |                                   | Continued.         | Tree Cutting work, ready for charging 17.22Hrs                                     |
| 400/220 KV 315 MVA ICT - II @ Koradi.        | 19/09/2013   | 10.06        | 21/09/2013                        | 18.04              | Testing & Commissioning Work of Nitrog Injection Fire Protection System on ICT-II. |
| Bus I at C'Pur II                            | 21/09/2013   | 13.09        | 21/09/2013                        | 16.16              | Testing Work.                                                                      |
| <b>Voltage Level : 220KV</b>                 |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                    |
| Main CB of 220/100KV 200 MVA ICTIII @ Padgha | 22/05/2013   | 10.46        |                                   | Continued.         | Repl.of A and B bus isolator.ICT on TBC.                                           |
| 220/132 KV 200 MVA ICT-II @ Boiser           | 12/09/2013   | 13.45        |                                   | Continued.         | CB Compressor Motor problem(Taken on TBC)                                          |
| 220/132 KV,200 MVA ICT-I at Ahamadnagar      | 21/09/2013   | 08.35        | 21/09/2013                        | 18.42              | 3 Ph.LA Replacement Work Under JICA Ph-II.                                         |
| 220/132 KV, 200 MVA ICT - 6 at Nasik         | 21/09/2013   | 08.40        | 21/09/2013                        | 13.30              | For SFRA & Bay Maintenance Work.                                                   |
| Jejuri - Parvati                             | 21/09/2013   | 09.01        | 21/09/2013                        | 17.15              | Tightening of Loose Nut Bolt.                                                      |
| 220/132 KV 100 MVA ICT - II @ Bhenda         | 21/09/2013   | 09.40        | 21/09/2013                        | 12.30              | Q.M.Work.                                                                          |
| Apta - ACCIL                                 | 21/09/2013   | 10.08        | 21/09/2013                        | 17.24              | Attending Hot Spot @ Apta.                                                         |
| Mahad-Pasco                                  | 21/09/2013   | 10.35        | 21/09/2013                        | 16.45              | Work of Dismantling of Old Rested Earth Wire.                                      |
| Padgha - Nalasopara                          | 21/09/2013   | 10.45        | 21/09/2013                        | 16.51              | For Availing Outage on Padgha-Wada Line.                                           |
| Padgha-Wada                                  | 21/09/2013   | 10.51        | 21/09/2013                        | 17.31              | Replacement of Damaged Jumper &                                                    |

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

Position as on 6.30 Hrs of 22/Sep/2013

| Name of Line                           | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                             |
|----------------------------------------|--------------|--------------|-----------------------------------|-------------------|------------------------------------------------------------------------------|
|                                        |              |              |                                   |                   | Provide New T Clam.                                                          |
| Chalisgaon - Malegaon                  | 21/09/2013   | 12.32        | 21/09/2013                        | 15.55             | Repair Sleeve to Damaged Conductor.                                          |
| Babaleshwar - Babaleshwar - II         | 21/09/2013   | 13.27        | 21/09/2013                        | 15.59             | Q.M.Work and Testing Work.                                                   |
| 220/132 KV 150 MVA ICT - I @ Bhenda    | 21/09/2013   | 14.07        | 21/09/2013                        | 16.20             | Q.M.Work.                                                                    |
| Main Bus - I @ Ghodbunder              | 21/09/2013   | 14.09        | 21/09/2013                        | 20.40             | Replacement of Line Side Isolator Mechanism Box.                             |
| Ghodbandar - Bhoisor (MSETCL)          | 22/09/2013   | 09.36        | 22/09/2013                        | 12.21             | Repl.of isolator Mech box.                                                   |
| Main Bus - II @ Ghodbundar             | 22/09/2013   | 13.35        | 22/09/2013                        | 16.26             | Isolator box repl.work.                                                      |
| <b>Voltage Level : 110KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                              |
| Tata MSETCL-Borivali - I               | 22/09/2013   | 09.01        | 22/09/2013                        | 14.45             | Repl.of ipilot string at Loc no 1.                                           |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                              |
| TBC Breaker @ Bhusawal                 | 07/09/2013   | 22.38        |                                   | Continued.        | Y Phase Breaker Pole Stucked up, hence TBC Brkr Mechanically H/T.            |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                              |
| Kandalgaon - ONGC                      | 22/09/2013   | 15.07        | 22/09/2013                        | 18.58             | Attending hot spot.                                                          |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                              |
| 400/220 KV 100 MVA Spare Unit @ Koradi | 12/07/2012   | 07.11        |                                   | Continued.        | Main Buchholz prot.operated                                                  |
| Deepnagar-Aurangabad-I                 | 07/09/2013   | 22.56        |                                   | Continued.        | Over Voltage.                                                                |
| Parli - Chandrapur - III               | 17/09/2013   | 22.31        | 21/09/2013                        | 19.00             | To control Parly-Lonikand Line Loading                                       |
| Karad - Newkoyna - I                   | 18/09/2013   | 01.54        |                                   | Continued.        | Over Voltage                                                                 |
| Lonikand- Koyna Stage IV               | 21/09/2013   | 00.04        | 21/09/2013                        | 08.32             | Over Voltage.                                                                |
| Lonikand- Koyna Stage IV               | 22/09/2013   | 01.25        | 22/09/2013                        | 09.02             | Over Voltage.                                                                |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                              |
| Chikhali - Jalna - II                  | 24/07/2013   | 19.26        |                                   | Continued.        | To Avoid Overloading by Taking Line in Grid,Handtripped @ Chikhali End Only. |
| Nalasopara-Boisar PGCIL 220 KV         | 17/09/2013   | 15.00        | 21/09/2013                        | 09.21             | Handtripped                                                                  |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                              |
| Dabhol - New Koyna - I                 | 07/09/2013   | 01.24        |                                   | Continued.        | Over Voltage.                                                                |
| Karad-Jaigad I                         | 15/09/2013   | 22.27        | 21/09/2013                        | 09.29             | Over Voltage                                                                 |
| Karad - Kolhapur - II                  | 20/09/2013   | 22.56        | 21/09/2013                        | 09.11             | Over Voltage.                                                                |
| Chandrapur - Parli - II                | 21/09/2013   | 15.18        |                                   | Continued.        | Over Voltage.                                                                |
| Karad - Kolhapur - II                  | 21/09/2013   | 23.57        |                                   | Continued.        | Over Voltage.                                                                |
| Akola - Indiabull (Nandgaonpeth)       | 22/09/2013   | 06.04        | 22/09/2013                        | 09.01             | Over Voltage.                                                                |
| Koradi - New Koradi                    | 22/09/2013   | 06.04        |                                   | Continued.        | Over Voltage.                                                                |
| Koradi - II - Indiabull                | 22/09/2013   | 06.04        | 22/09/2013                        | 18.47             | Over Voltage.                                                                |
| Akola - Indiabull (Nandgaonpeth)       | 22/09/2013   | 15.01        |                                   | Continued.        | Over Voltage.                                                                |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                              |
| 220/100 KV,200MVA ICT - I at Padgha    | 07/06/2013   | 17.48        |                                   | Continued.        | Diff.Protection                                                              |
| 220/132 KV 100 MVA IBT @ Parli-I       | 14/09/2013   | 19.30        | 21/09/2013                        | 08.57             | Bus Bar Protection Operated Due to Bursting of R Ph. Parli-Ext.-II.          |



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

Position as on 6.30 Hrs of 22/Sep/2013

| Name of Line                        | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                                        |
|-------------------------------------|--------------|--------------|----------------------------|--------------------|---------------------------------------------------------|
| Butibori-Abhijeet ckt.              | 19/09/2013   | 19.29        |                            | Continued.         | Due to Rain Water Entered in Switchyard & Control Room. |
| Borivali - Salset - I               | 20/09/2013   | 17.20        | 21/09/2013                 | 02.08              | Jumper Open @ Loc. No.-8A.                              |
| Borivali - Salsette - II            | 20/09/2013   | 18.20        | 21/09/2013                 | 11.29              | Jumper Open @ Loc. No.-8A.                              |
| 220/132KV 100MVA ICT-I at Dondaicha | 22/09/2013   | 07.10        | 22/09/2013                 | 18.47              | PDR Optd.                                               |
| <b>Voltage Level : 132KV</b>        |              |              | <b>Outage Type</b> TRIPPED |                    |                                                         |
| Chinchwad - Ganeshkhind             | 19/09/2013   | 18.08        |                            | Continued.         | Distance Protection. Conductor Broken, Y-B              |
| Mansar - Pench                      | 21/09/2013   | 16.04        | 22/09/2013                 | 13.48              | Y & B Ph. CT Jumper Open @ Mansar End.                  |
| Paras-Akot                          | 22/09/2013   | 15.42        | 22/09/2013                 | 16.05              | Dist Prot.                                              |

# State Load Dispatch Center,Airoli (MSETCL)

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

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 155         |
| Unit 6             | 210                   | 155         |
| Unit 7             | 210                   | 0           |
|                    | <b>620</b>            | <b>310</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 140         |
| Unit 3             | 210                   | 140         |
| Unit 4             | 500                   | 325         |
| Unit 5             | 500                   |             |
|                    | <b>1420</b>           | <b>605</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 150         |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 200         |
| Unit 7             | 250                   | 200         |
|                    | <b>1130</b>           | <b>550</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 80          |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 100         |
| Unit 4             | 210                   | 100         |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 225         |
| Unit 7             | 500                   | 250         |
|                    | <b>2340</b>           | <b>755</b>  |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 140         |
| Unit 4             | 250                   | 0           |
|                    | <b>500</b>            | <b>140</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 0           |
|                    | <b>1340</b>           | <b>700</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                   | 430         |
|                    | <b>852</b>            | <b>430</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                    | 0           |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 0           |
| BHIRA T.R.       | 80                    | 40          |
| RNGR+BHTSA       | 20                    | 15          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 4           |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>119</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                  | 925         |
| WARDHA           | 405                   | 325         |
| Adani            | 1320                  | 1234        |
| Other CPPs       | 300                   | 400         |
|                  | <b>3225</b>           | <b>2884</b> |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 500         |
| Trombay 6        | 500                   | 0           |
| Trombay 7A       | 120                   | 120         |
| Trombay 7B       | 60                    | 60          |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1377</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 500         |
|                  | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 3302        |
|                  | <b>3455</b>           | <b>3302</b> |