



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**31/Mar/2013**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 31/Mar/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                | 98.579         | 3553.834        | 1) Gujrat                      | 14.223         | 561.769          |
| 2) Hydro                  | 13.631         | 557.292         | 2) Madhya Pradesh              | 26.469         | 653.642          |
| 3) Gas                    | 9.827          | 278.177         | 3) Chattisgarh                 | 11.230         | 276.550          |
| <b>Total MSGENCO</b>      | <b>122.037</b> | <b>4389.303</b> | 4) Maharashtra                 | 72.910         | 2502.369         |
| <b>B) 1) JSW JAIGAD</b>   | 20.755         | 619.040         | 5) Goa                         | -5.492         | -191.524         |
| 2) WPCL                   | 5.485          | 247.705         | 6) TAPS 1&2 Injection          | 0.000          | 12.630           |
| 3) ADANI                  | 14.560         | 120.007         | 7) RGPPL Injection             | 3.569          | 5.527            |
| 4) Other CPP / IPP        | 8.360          | 281.202         | 8) Pench (Excess)              | -0.156         | -6.300           |
| 5) Wind Generation        | 4.791          | 182.475         | <b># Total Cent. Sector</b>    | <b>122.753</b> | <b>3814.663</b>  |
| 6) PENCH (MS)             | 0.156          | 6.300           | <b>F) Other Exchanges</b>      |                |                  |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) With TPCL (Excess)          | -7.608         | -339.477         |
| 1) TPCL Thermal           | 26.045         | 802.195         | <b>G) Bilateral Power *</b>    |                |                  |
| 2) TPCL Hydro             | 0.195          | 119.380         | 1) MSEDCL Bilateral            | 53.203         | 1203.481         |
| <b>TOTAL TPCL</b>         | <b>26.240</b>  | <b>921.575</b>  | Include PX                     | 13.385         | 399.705          |
| 3) REL Thermal            | 12.639         | 383.028         | 2) MUMBAI Bilateral            | 8.721          | 403.083          |
| <b>D) STATE</b>           |                |                 | Include PX                     | 1.981          | 73.005           |
| 1) Thermal (A1+C1+C3)     | 137.263        | 4739.057        | 3) MUMBAI Schedule             | 8.721          | 408.532          |
| 2) Hydro (A2+B5+C2)       | 13.982         | 682.972         | <b>H) ENERGY CATERED (MUs)</b> |                |                  |
| 3) Gas (A3)               | 9.827          | 278.177         | 1) MSEDCL                      | 291.289        | 9321.218         |
| 4) Wind (B4)              | 4.791          | 182.475         | 2) TPCL                        | 30.322         | 1084.182         |
| 5) CPP (B1+B2+B3)         | 49.160         | 1162.507        | 3) REL                         | 16.165         | 559.882          |
| <b>TOTAL STATE</b>        | <b>215.023</b> | <b>7045.188</b> | <b>TOTAL STATE</b>             | <b>337.776</b> | <b>10965.282</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                 | 3973                             | 4161                             | 3964                             |
| MSGENCO Hydro                   | 997                              | 782                              | 201                              |
| MSGENCO Gas                     | 388                              | 436                              | 387                              |
| <b>MSGENCO Total Generation</b> | <b>5358</b>                      | <b>5379</b>                      | <b>4552</b>                      |
| <b>Central Sector Receipt</b>   | <b>6102</b>                      | <b>4791</b>                      | <b>5003</b>                      |
| <b>WIND</b>                     | <b>19</b>                        | <b>200</b>                       | <b>209</b>                       |
| <b>CPP / IPP</b>                | <b>2047</b>                      | <b>2048</b>                      | <b>2043</b>                      |
| <b>Exchange with Mumbai</b>     | <b>-496</b>                      | <b>-386</b>                      | <b>21</b>                        |
| <b>MSEDCL DEMAND MET</b>        | <b>13030</b>                     | <b>12032</b>                     | <b>11828</b>                     |
| <b>Load Shedding</b>            | <b>857</b>                       | <b>675</b>                       | <b>248</b>                       |
| <b>MSEDCL DEMAND</b>            | <b>13887</b>                     | <b>12707</b>                     | <b>12076</b>                     |
| <b>TPCL GENERATION</b>          | <b>1104</b>                      | <b>1089</b>                      | <b>1090</b>                      |
| <b>R-INFRA GENERATION</b>       | <b>526</b>                       | <b>527</b>                       | <b>527</b>                       |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2126</b>                      | <b>2002</b>                      | <b>1596</b>                      |
| <b>STATE DEMAND MET</b>         | <b>15156</b>                     | <b>14034</b>                     | <b>13424</b>                     |
| <b>STATE DEMAND</b>             | <b>16013</b>                     | <b>14709</b>                     | <b>13672</b>                     |
| <b>Frequency (Hz)</b>           | <b>49.89</b>                     | <b>50.10</b>                     | <b>49.94</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.44 Hz at 18.45 Hrs</b> | <b>49.57 Hz at 22.32 Hrs</b> | <b>49.98</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 31/Mar/2013

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 4.27        | 107.62        | 185      | 170      | 172      |
| Unit 7           | 4.25        | 126.52        | 180      | 170      | 180      |
| Total            | 8.52        | 234.14        |          |          | 352      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 98.48         | 0        | 0        | 0        |
| Unit 3           | 3.81        | 113.94        | 165      | 145      | 143      |
| Unit 4           | 0.00        | 210.10        | 0        | 0        | 0        |
| Unit 5           | 4.43        | 96.63         | 330      | 0        |          |
| Total            | 8.24        | 519.15        |          |          | 143      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 4           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 6           | 0.00        | 0.00          | 0        | 0        |          |
| Unit 7           | 0.00        | 0.00          | 0        | 0        |          |
| Total            | 0.00        | 0.00          |          |          |          |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.22        | 101.97        | 139      | 130      | 145      |
| Unit 2           | 3.62        | 90.32         | 158      | 136      | 160      |
| Unit 3           | 4.32        | 146.35        | 191      | 161      | 200      |
| Unit 4           | 4.02        | 139.73        | 183      | 141      | 200      |
| Unit 5           | 9.64        | 300.23        | 415      | 370      | 400      |
| Unit 6           | 10.36       | 240.34        | 440      | 410      | 450      |
| Unit 7           | 9.84        | 300.95        | 425      | 399      | 450      |
| Total            | 45.02       | 1319.90       |          |          | 2005     |
| Paras            |             |               |          |          |          |
| Unit 3           | 6.06        | 160.57        | 261      | 239      | 250      |
| Unit 4           | 6.08        | 171.84        | 262      | 247      | 250      |
| Total            | 12.14       | 332.41        |          |          | 500      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.48        | 117.64        | 195      | 165      | 190      |
| Unit 2           | 0.28        | 115.15        | 138      | 0        | 0        |
| Unit 3           | 4.66        | 123.89        | 203      | 178      | 200      |
| Unit 4           | 4.74        | 144.55        | 206      | 182      | 200      |
| Unit 5           | 0.00        | 305.24        | 0        | 0        | 0        |
| Total            | 14.17       | 806.48        |          |          | 590      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.61        | 100.74        | 200      | 175      | 195      |
| Unit 4           | 1.29        | 125.51        | 180      | 0        | 0        |
| Unit 5           | 4.60        | 115.52        | 197      | 186      | 195      |
| Total            | 10.50       | 341.76        |          |          | 390      |
| Uran             |             |               |          |          |          |
| All Units        | 9.83        | 278.18        | 462      | 384      | 370      |
| Total            | 9.83        | 278.18        |          |          | 370      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.16        | 6.30          | 53       | 0        |          |
| Total            | 0.16        | 6.30          |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 4.30        | 143.76        | 525      | 40       | 600      |
| Stage 4          | 4.23        | 207.17        | 536      | 0        | 250      |
| Stage 3          | 1.90        | 75.82         | 238      | 0        | 240      |
| Kovna 12&4 Total | 8.53        | 350.93        |          |          | 850      |

| Generating unit  | Generation   |                |          |          | OLC (MW)    |
|------------------|--------------|----------------|----------|----------|-------------|
|                  | Daily (Mus)  | Monthly (Mus)  | Max (MW) | Min (MW) |             |
| <b>Total</b>     | <b>10.43</b> | <b>426.75</b>  |          |          | <b>1090</b> |
| <b>Hydro</b>     |              |                |          |          |             |
| KDPH             | 0.76         | 19.04          | 38       | 19       | 18          |
| VTRNA            | 0.59         | 22.69          | 61       | 0        | 60          |
| TILLARI          | 0.36         | 4.82           | 60       | 0        | 60          |
| BHTGR/VEER       | 0.04         | 0.80           | 2        | 1        | 2           |
| BHIRA T.R.       | 0.09         | 6.69           | 41       | 0        | 80          |
| RNGR+BHTSA       | 0.34         | 10.44          | 14       | 14       | 13          |
| BHANDARDRA       | 0.00         | 6.43           | 0        | 0        |             |
| ELDARY           | 0.00         | 0.00           | 0        | 0        |             |
| SMLHY PTN        | 1.03         | 30.02          | 43       | 42       |             |
| GHATGHAR         | 0.00         | 28.18          | 0        | 0        |             |
| <b>Total</b>     | <b>3.20</b>  | <b>129.09</b>  |          |          | <b>233</b>  |
| <b>Wind</b>      |              |                |          |          |             |
| MalharPeth       | 0.23         | 9.65           |          |          |             |
| Vankuswadi       | 0.36         | 14.40          |          |          |             |
| ATIT             | 0.05         | 3.61           |          |          |             |
| Kale             | 0.16         | 4.97           |          |          |             |
| Satara           | 0.11         | 20.68          |          |          |             |
| Shirala          | 0.13         | 6.67           |          |          |             |
| K Mahankal       | 1.16         | 13.25          |          |          |             |
| Supa             | 0.16         | 3.91           |          |          |             |
| Vita             | 1.03         | 21.97          |          |          |             |
| Dondaicha        | 0.57         | 51.68          |          |          |             |
| Sakri            | 0.12         | 7.22           |          |          |             |
| Nandurbar        | 0.09         | 5.24           |          |          |             |
| Khandke          | 0.47         | 11.25          |          |          |             |
| Khaparale        | 0.17         | 7.98           |          |          |             |
| <b>Total</b>     | <b>4.79</b>  | <b>182.48</b>  |          |          |             |
| <b>CPP</b>       |              |                |          |          |             |
| JSW JAIGAD       | 20.76        | 619.04         | 875      | 840      | 785         |
| WARDHA           | 5.48         | 247.70         | 233      | 223      | 230         |
| Adani            | 14.56        | 120.01         | 610      | 600      |             |
| Other CPPs       | 8.36         | 281.20         |          |          |             |
| <b>Total</b>     | <b>49.16</b> | <b>1267.95</b> |          |          | <b>1015</b> |
| <b>Tata</b>      |              |                |          |          |             |
| Trombay 4        | 0.00         | 0.00           | 0        | 0        | 0           |
| Trombay 5        | 11.90        | 358.05         | 501      | 460      | 500         |
| Trombay 6        | 3.58         | 131.39         | 150      | 147      | 500         |
| Trombay 7A       | 2.95         | 89.35          | 127      | 119      | 120         |
| Trombay 7B       | 1.61         | 49.58          | 69       | 66       | 60          |
| Trombay 8        | 6.00         | 173.83         | 252      | 248      | 250         |
| TATA Hydro       | 0.20         | 119.38         | 72       | 0        | 447         |
| <b>Total</b>     | <b>26.24</b> | <b>921.58</b>  |          |          | <b>1877</b> |
| <b>REL</b>       |              |                |          |          |             |
| 1&2              | 12.64        | 383.03         | 528      | 526      | 500         |
| <b>Total</b>     | <b>12.64</b> | <b>383.03</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b> |              |                |          |          |             |
| Share            |              |                |          |          | 4757        |
| <b>Total</b>     |              |                |          |          | <b>4757</b> |

|                    |              |               |                |  |  |              |
|--------------------|--------------|---------------|----------------|--|--|--------------|
| MS<br>PG<br>CL     | Thermal      | 98.58         | 3553.83        |  |  | 3980         |
|                    | Thml+Gas     | 108.41        | 3832.01        |  |  | 4350         |
|                    | Hydro        | 13.63         | 557.29         |  |  | 1323         |
|                    | <b>Total</b> | <b>122.04</b> | <b>4389.30</b> |  |  | <b>5673</b>  |
| <b>State Total</b> |              | <b>215.02</b> | <b>7045.19</b> |  |  | <b>13822</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 31/Mar/2013

| TIME<br>SR.<br>NO. | MSPGCL GEN.  |              |             | TOTAL         | WIND        | CPP /<br>IPP | CS<br>SHARE   | CS<br>RECPT   | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | LOAD<br>SHEDDI<br>NG | MSEDCL<br>DEMAND<br>WITH LS | TPCL + R<br>-INFRA<br>DEMAND | STATE<br>DEMAND | FREQ.<br>(Hz) |
|--------------------|--------------|--------------|-------------|---------------|-------------|--------------|---------------|---------------|--------------|----------------------|-------------------------|----------------------|-----------------------------|------------------------------|-----------------|---------------|
|                    | THM          | HY           | GAS         |               |             |              |               |               |              |                      |                         |                      |                             |                              |                 |               |
| 1                  | 3825         | 1253         | 385         | 5463          | 151         | 2018         | 4990          | 5016          | -401         | -331                 | 12370                   | 158                  | 12528                       | 1941                         | 14469           | 49.84         |
| 2                  | 3916         | 949          | 386         | 5251          | 130         | 2035         | 4932          | 5008          | -325         | -173                 | 12251                   | 239                  | 12490                       | 1781                         | 14271           | 49.89         |
| 3                  | 4010         | 812          | 387         | 5209          | 123         | 2028         | 4707          | 4816          | -283         | -59                  | 12117                   | 260                  | 12377                       | 1673                         | 14050           | 49.93         |
| 4                  | 3997         | 461          | 388         | 4846          | 172         | 2041         | 4712          | 4844          | -281         | 9                    | 11912                   | 274                  | 12186                       | 1603                         | 13789           | 49.96         |
| 5                  | 3964         | 201          | 387         | 4552          | 209         | 2043         | 4716          | 5003          | -281         | 21                   | 11828                   | 248                  | 12076                       | 1596                         | 13672           | 49.94         |
| 6                  | 3983         | 797          | 388         | 5168          | 229         | 2045         | 4634          | 4769          | -281         | -31                  | 12180                   | 379                  | 12559                       | 1646                         | 14205           | 49.89         |
| 7                  | 3999         | 589          | 389         | 4977          | 255         | 2048         | 4584          | 4542          | -281         | -25                  | 11797                   | 1064                 | 12861                       | 1645                         | 14506           | 49.98         |
| 8                  | 4003         | 208          | 389         | 4600          | 185         | 2058         | 4765          | 5150          | -281         | -44                  | 11949                   | 987                  | 12936                       | 1660                         | 14596           | 50.00         |
| 9                  | 3975         | 271          | 389         | 4635          | 156         | 2056         | 5239          | 5517          | -281         | -157                 | 12207                   | 947                  | 13154                       | 1776                         | 14930           | 49.98         |
| 10                 | 3980         | 536          | 389         | 4905          | 129         | 2052         | 5679          | 6104          | -315         | -317                 | 12873                   | 757                  | 13630                       | 1938                         | 15568           | 49.91         |
| 11                 | 3947         | 1075         | 386         | 5408          | 57          | 2056         | 5846          | 6075          | -371         | -477                 | 13119                   | 728                  | 13847                       | 2077                         | 15924           | 49.92         |
| 12                 | 3973         | 997          | 388         | 5358          | 19          | 2047         | 5889          | 6102          | -403         | -496                 | 13030                   | 857                  | 13887                       | 2126                         | 16013           | 49.89         |
| 13                 | 3987         | 644          | 385         | 5016          | 17          | 2054         | 5683          | 6000          | -397         | -563                 | 12524                   | 1025                 | 13549                       | 2171                         | 15720           | 49.96         |
| 14                 | 4011         | 504          | 384         | 4899          | 55          | 2047         | 5372          | 5765          | -380         | -504                 | 12262                   | 904                  | 13166                       | 2116                         | 15282           | 49.97         |
| 15                 | 4097         | 676          | 384         | 5157          | 124         | 2060         | 5423          | 5573          | -329         | -409                 | 12505                   | 698                  | 13203                       | 2019                         | 15222           | 50.02         |
| 16                 | 4110         | 1026         | 415         | 5551          | 173         | 2056         | 5293          | 5422          | -314         | -412                 | 12790                   | 642                  | 13432                       | 2024                         | 15456           | 50.10         |
| 17                 | 4161         | 782          | 436         | 5379          | 200         | 2048         | 4627          | 4791          | -308         | -386                 | 12032                   | 675                  | 12707                       | 2002                         | 14709           | 50.10         |
| 18                 | 4171         | 253          | 442         | 4866          | 252         | 2052         | 4312          | 4085          | -322         | -371                 | 10884                   | 911                  | 11795                       | 1983                         | 13778           | 50.18         |
| 19                 | 4279         | 331          | 444         | 5054          | 213         | 2056         | 4329          | 4267          | -353         | -377                 | 11240                   | 698                  | 11938                       | 1994                         | 13932           | 50.14         |
| 20                 | 4351         | 390          | 448         | 5189          | 247         | 2048         | 4742          | 4683          | -458         | -541                 | 11653                   | 737                  | 12390                       | 2210                         | 14600           | 49.97         |
| 21                 | 4397         | 257          | 455         | 5109          | 359         | 2046         | 4850          | 4747          | -499         | -538                 | 11749                   | 486                  | 12235                       | 2223                         | 14458           | 49.96         |
| 22                 | 4443         | 213          | 459         | 5115          | 484         | 2065         | 4884          | 4641          | -518         | -558                 | 11770                   | 277                  | 12047                       | 2173                         | 14220           | 49.95         |
| 23                 | 4485         | 198          | 462         | 5145          | 447         | 2047         | 4916          | 4850          | -544         | -484                 | 12005                   | 206                  | 12211                       | 2103                         | 14314           | 49.89         |
| 24                 | 4515         | 208          | 462         | 5185          | 405         | 2054         | 4753          | 4983          | -516         | -385                 | 12242                   | 158                  | 12400                       | 2007                         | 14407           | 50.04         |
| <b>MUs</b>         | <b>98.58</b> | <b>13.63</b> | <b>9.83</b> | <b>122.04</b> | <b>4.79</b> | <b>49.16</b> | <b>119.88</b> | <b>122.75</b> | <b>-8.72</b> | <b>-7.61</b>         | <b>291.29</b>           | <b>14.32</b>         | <b>305.60</b>               | <b>46.49</b>                 | <b>352.09</b>   | <b>49.98</b>  |

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 31/Mar/2013**

Position as on 6.30 Hrs of 01/Apr/2013

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                                       | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|--------------------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                                        |               |
| Koradi Unit 5           | 200      | 16/09/2012   | 04.23        |            | Continued. | C.O.H.,Generator Stator Replacement.                   | 12/04/2013    |
| Parli Unit 4            | 210      | 28/11/2012   | 02.37        |            | Continued. | water shortage.                                        |               |
| Koyna Unit 12           | 80       | 29/11/2012   | 08.30        |            | Continued. | A/OH.                                                  |               |
| Cent_Sect Tarapur 2     | 80       | 31/12/2012   | 17.05        |            | Continued. | Refuelling work                                        |               |
| 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 1B               | 230      | 09/10/2012   | 13.56        |            | Continued. | Gas Shortage.                                          |               |
| Dabhol 1X               | 290      | 02/11/2012   | 16.26        |            | Continued. | Gas shortage.                                          |               |
| Dabhol 1A               | 230      | 02/11/2012   | 16.27        |            | Continued. | Gas shortage.                                          |               |
| Dabhol 2B               | 230      | 03/01/2013   | 13.29        |            | Continued. | Gas shortage.                                          |               |
| CPP Adani U1            | 660      | 31/01/2013   | 17:05        |            | Continued. | 400kV Tirora-Warora isolator sparking                  |               |
| CPP WPCL U-4            | 135      | 04/02/2013   | 19.16        |            | Continued. | ID fan vibration problem.                              |               |
| Dabhol 2A               | 230      | 06/02/2013   | 21.32        |            | Continued. | Gas Shortage                                           |               |
| Dabhol 2X               | 290      | 06/02/2013   | 21.32        |            | Continued. | Gas Shortage                                           |               |
| Dabhol 3B               | 230      | 21/02/2013   | 23.08        |            | Continued. | Gas shortage.                                          |               |
| CPP JSW (J) U1          | 300      | 27/02/2013   | 21:15        |            | Continued. | Bearing Vibration Problem.                             |               |
| Cent_Sect Tarapur 1     | 80       | 04/03/2013   | 05.30        |            | Continued. | Pressure Pump Seal Leakage.                            |               |
| Koyna ST - IV 3         | 250      | 28/03/2013   | 13.00        |            | Continued. | Sphercul Valve Oil Tank Water Ingrace Upto 03/04/2013. |               |
| Bhusawal Unit 2         | 210      | 29/03/2013   | 00.45        | 01/04/2013 | 04.30      | I D Fan Problem.                                       |               |
| CPP WPCL U-1            | 135      | 30/03/2013   | 00.10        |            | Continued. | Bottam Ash Problem.                                    |               |
| Khaparkheda Unit 2      | 210      | 30/03/2013   | 10.10        | 31/03/2013 | 21.02      | High Furnace Pressure.                                 |               |
| Nasik Unit 4            | 210      | 30/03/2013   | 15.55        | 31/03/2013 | 15.24      | Air Heater Problem.                                    |               |
| Khaparkheda Unit 5      | 500      | 30/03/2013   | 17.23        |            | Continued. | High Furnance Pressure Tripped on Electrical Fault.    |               |
| Bhusawal Unit 5         | 500      | 30/03/2013   | 22.32        | 31/03/2013 | 01.35      | Drum Level Low.                                        |               |
| Dabhol 3X               | 290      | 31/03/2013   | 12.45        |            | Continued. | Gas Shortage.                                          |               |
| Dabhol 3A               | 230      | 31/03/2013   | 12.49        |            | Continued. | Gas Shortage.                                          |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 31/Mar/2013**

Position as on 6.30 Hrs of 01/Apr/2013

| Name of Line                                      | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                                             |
|---------------------------------------------------|--------------|--------------|-----------------------------------|-------------------|----------------------------------------------------------------------------------------------|
| <b>InterState</b>                                 |              |              |                                   |                   |                                                                                              |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                              |
| Seoni-Wardha-II 765KV.                            | 17/03/2013   | 17.46        | 31/03/2013                        | 12.40             | Over Voltage.                                                                                |
| Kolhapur-Solapur (PG) II                          | 26/03/2013   | 21.57        | 31/03/2013                        | 22.50             | Over Voltage.                                                                                |
| Kolhapur-Mapusa-II                                | 30/03/2013   | 16.35        | 31/03/2013                        | 10.14             | Over Voltage.                                                                                |
| Kolhapur - Mapusa - I                             | 31/03/2013   | 16.10        |                                   | Continued.        | Over Voltage.                                                                                |
| Wardha - Seoni - I                                | 31/03/2013   | 17.19        |                                   | Continued.        | Over Voltage.                                                                                |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                                              |
| Warora - Tiroda - II                              | 18/03/2013   | 16.15        |                                   | Continued.        | Over Voltage,while charging Warora-Tiroda I first time charge.                               |
| Karad - Solapur (PGCIL)                           | 31/03/2013   | 17.07        |                                   | Continued.        | Over Voltage.                                                                                |
| <b>IntraState</b>                                 |              |              |                                   |                   |                                                                                              |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                              |
| Koradi-Khaparkheda-I                              | 14/03/2013   | 10.05        |                                   | Continued.        | Erection of 3 No's of 400KV CT,CT Testing & CB Trials,Tie Bkr @ K'kheda Out.Line in Service. |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                              |
| 220/100KV 200 MVA ICT-I @ Padgha                  | 06/03/2013   | 11.41        |                                   | Continued.        | Isolator replacement work(Up to 30/3/13)                                                     |
| 220/100KV 200MVA ICT-IV at Kalwa                  | 20/03/2013   | 08.24        |                                   | Continued.        | Repl.of LV Bkr,up to 03.04.2013                                                              |
| Padgha-Vasai                                      | 25/03/2013   | 15.12        |                                   | Continued.        | On TBC at Padgha for Bkr repl. work.                                                         |
| Bus Coupler @ Boiser                              | 31/03/2013   | 09.33        |                                   | Continued.        | Bkr Repl.work under JICA.                                                                    |
| Borivali-Tata Borivali 4                          | 31/03/2013   | 10.35        | 31/03/2013                        | 17.14             | GIS Roof work at Tata end.                                                                   |
| 220/132KV 200MVA T/F 6 at Parvati                 | 31/03/2013   | 13.35        | 31/03/2013                        | 13.38             | First time test charge from HV side,kept humming.                                            |
| <b>Voltage Level : 132KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                              |
| Whirlpool - Ismit                                 | 08/03/2013   | 08.45        |                                   | Continued.        | Erection of Tower & D/C String of New Conductor Outage Upto 30/3/2013.                       |
| Jeur - Karjat                                     | 31/03/2013   | 06.40        | 31/03/2013                        | 11.17             | Lilo work at Karmala S/S.                                                                    |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                                              |
| Wardha-Warora-II                                  | 30/03/2013   | 17.59        |                                   | Continued.        | Red Hot on Insulator.                                                                        |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                              |
| 400/220 KV 100 MVA Spare Unit @ Koradi            | 12/07/2012   | 07.11        |                                   | Continued.        | Main Buchholz prot.operated                                                                  |
| 400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II | 02/02/2013   | 10.17        |                                   | Continued.        | Low Oil Pressure Alarm Received.                                                             |
| 400/220KV 500MVA ICT-II at Warora                 | 07/02/2013   | 17.57        |                                   | Continued.        | Handtripped                                                                                  |
| Khadka - Deepnagar - II                           | 07/03/2013   | 06.17        |                                   | Continued.        | Over Voltage.                                                                                |
| Aurangabad-Deepnagar-II                           | 21/03/2013   | 11.15        |                                   | Continued.        | Hand Tripped                                                                                 |
| Bhusawal- Aurangabad                              | 30/03/2013   | 17.04        |                                   | Continued.        | Over Voltage.                                                                                |
| Karad - Kolhapur - II                             | 30/03/2013   | 21.24        | 31/03/2013                        | 07.34             | Over Voltage.                                                                                |
| Karad - Kolhapur - I                              | 31/03/2013   | 16.05        | 01/04/2013                        | 06.52             | Over Voltage.                                                                                |
| New Koyna - Dabhol - I                            | 31/03/2013   | 16.42        |                                   | Continued.        | Over Voltage.                                                                                |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                              |
| Chikhali - Jalna - II                             | 04/02/2013   | 23.36        |                                   | Continued.        | Due to over loading.                                                                         |
| Borivali(M)-Borivali(Rel) 1                       | 12/03/2013   | 04.09        | 31/03/2013                        | 11.54             | Hand Tripped                                                                                 |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 31/Mar/2013**

Position as on 6.30 Hrs of 01/Apr/2013

| Name of Line                                | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                                           |
|---------------------------------------------|--------------|--------------|----------------------------|--------------------|------------------------------------------------------------|
| Borivali(M)-Borivali(Rel)2                  | 12/03/2013   | 04.19        | 31/03/2013                 | 12.07              | Hand Tripped                                               |
| Lonand - Bothe (Surwadi)                    | 25/03/2013   | 19.22        |                            | Continued.         | H/T                                                        |
| <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. |
| Karad - Kolhapur - II                       | 31/03/2013   | 16.33        | 31/03/2013                 | 22.39              | Over Voltage.                                              |
| Jejuri-Koyna STG-IV                         | 31/03/2013   | 16.58        | 31/03/2013                 | 18.58              | Over Voltage.                                              |
| Karad-Jaigad I                              | 31/03/2013   | 17.07        |                            | Continued.         | Over Voltage.                                              |
| <b>Voltage Level : 220KV</b>                |              |              | <b>Outage Type TRIPPED</b> |                    |                                                            |
| Borivali(M)-Borivali(Rel) 1                 | 31/03/2013   | 21.56        |                            | Continued.         | Line diff prot,dist,prot tripped at both ends.             |
| Borivali(M)-Borivali(Rel)2                  | 31/03/2013   | 21.56        | 31/03/2013                 | 22.42              | Tripped at Borivali end.                                   |
| Borivali- Aarey                             | 31/03/2013   | 21.56        |                            | Continued.         | Line diff prot, tripped at both end.                       |
| <b>Voltage Level : 100KV</b>                |              |              | <b>Outage Type TRIPPED</b> |                    |                                                            |
| Kalwa - Nocil - II                          | 31/03/2013   | 11.37        | 31/03/2013                 | 11.50              | Dist Protection.                                           |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 01/Apr/2013

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 170         |
| Unit 7             | 210                   | 185         |
|                    | <b>620</b>            | <b>355</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 60          |
| Unit 3             | 210                   | 160         |
| Unit 4             | 500                   | 0           |
| Unit 5             | 500                   |             |
|                    | <b>1420</b>           | <b>220</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 0           |
|                    | <b>1130</b>           | <b>0</b>    |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 145         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 425         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 425         |
|                    | <b>2340</b>           | <b>1995</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 250         |
| Unit 4             | 250                   | 250         |
|                    | <b>500</b>            | <b>500</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 190         |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 0           |
|                    | <b>1340</b>           | <b>780</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 195         |
| Unit 4             | 210                   | 185         |
| Unit 5             | 210                   | 195         |
|                    | <b>630</b>            | <b>575</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                    | 36          |
| VTRNA              | 60                    | 61          |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 60          |
| BHTGR/VEER       | 21                    | 2           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 14          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 0           |
| SMLHY PTN        | 12                    | 0           |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>253</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                  | 850         |
| WARDHA           | 405                   | 250         |
| Adani            | 660                   | 630         |
| Other CPPs       | 0                     |             |
|                  | <b>2265</b>           | <b>1730</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                  | 6274        |
|                  | <b>3455</b>           | <b>6274</b> |