



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**25/Jan/2015**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 25/Jan/2015 SUNDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 108.772        | 3046.164        | 1) Gujrat                      | 5.770          | 46.008          |
| 2) Hydro                 | 8.967          | 178.546         | 2) Madhya Pradesh              | 13.411         | 316.911         |
| 3) Gas                   | 7.412          | 206.324         | 3) Chattisgarh                 | 6.160          | 96.500          |
| <b>Total MSGENCO</b>     | <b>125.151</b> | <b>3431.034</b> | 4) Maharashtra Net             | 85.668         | 2138.380        |
| B) 1) JSW JAIGAD         | 19.622         | 510.087         | (Incl. 765kV Solapur-Raichur)  | -4.767         | -176.536        |
| 2) WPCL                  | 2.092          | 62.914          | 5) Goa                         | -5.399         | -150.662        |
| 3) ADANI                 | 43.640         | 1117.110        | 6) TAPS 1&2 Injection          | 3.718          | 45.266          |
| 4) Other CPP / IPP       | 27.552         | 606.005         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 5) Wind Generation       | 5.562          | 113.787         | 8) Pench (Excess)              | -0.451         | -12.726         |
| 6) PENCH (MS)            | 0.451          | 12.726          |                                |                |                 |
| 7) SOLAR                 | 0.745          | 25.182          | <b># Total Cent. Sector</b>    | <b>108.877</b> | <b>2479.677</b> |
| C) 1) TPCL Thermal       | 9.153          | 239.801         | <b>F) Other Exchanges</b>      |                |                 |
| 2) TPCL Hydro            | 1.902          | 115.277         | 1) With TPCL (Excess)          | -22.899        | -637.989        |
| <b>TOTAL TPCL</b>        | <b>11.055</b>  | <b>355.078</b>  | <b>G) Bilateral Power *</b>    |                |                 |
| 3) REL Thermal           | 5.604          | 140.597         | 1) MSEDCL Bilateral            | 18.651         | 533.701         |
| <b>D) STATE</b>          |                |                 | Include PX                     | -1.443         | -109.764        |
| 1) Thermal (A1+C1+C3)    | 123.529        | 3426.562        | 2) MUMBAI Bilateral            | 19.393         | 548.788         |
| 2) Hydro (A2+B6+C2)      | 11.320         | 306.549         | Include PX                     | 1.143          | 78.061          |
| 3) Gas (A3)              | 7.412          | 206.324         | 3) MUMBAI Schedule             | 19.393         | 551.560         |
| 4) Wind (B5)             | 5.562          | 113.787         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 5) CPP/IPP (B1+B2+B3+B4) | 92.906         | 2296.116        | 1) MSEDCL                      | 310.793        | 7720.533        |
| 6) SOLAR (B7)            | 0.745          | 25.182          | 2) TPCL                        | 24.371         | 699.908         |
| <b>TOTAL STATE</b>       | <b>241.474</b> | <b>6374.520</b> | 3) REL                         | 15.190         | 433.747         |
|                          |                |                 | <b>TOTAL STATE</b>             | <b>350.354</b> | <b>8854.188</b> |

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

| PARTICULARS                     | A. Morning Peak at 12 Hrs | B. Evening Peak at 14 Hrs | C. Night Minimum at 4 Hrs |
|---------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                 | 4949                      | 4962                      | 4338                      |
| MSGENCO Hydro                   | 242                       | 267                       | 132                       |
| MSGENCO Gas                     | 297                       | 297                       | 322                       |
| <b>MSGENCO Total Generation</b> | <b>5488</b>               | <b>5526</b>               | <b>4792</b>               |
| <b>Central Sector Receipt</b>   | <b>6503</b>               | <b>5584</b>               | <b>3572</b>               |
| <b>WIND</b>                     | <b>256</b>                | <b>174</b>                | <b>172</b>                |
| <b>CPP / IPP</b>                | <b>3904</b>               | <b>3978</b>               | <b>3568</b>               |
| <b>SOLAR</b>                    | <b>113</b>                | <b>106</b>                | <b>0</b>                  |
| <b>Exchange with Mumbai</b>     | <b>-1106</b>              | <b>-979</b>               | <b>-674</b>               |
| <b>MSEDCL DEMAND MET</b>        | <b>15183</b>              | <b>14415</b>              | <b>11443</b>              |
| <b>Load Shedding</b>            | <b>68</b>                 | <b>94</b>                 | <b>59</b>                 |
| <b>MSEDCL DEMAND</b>            | <b>15251</b>              | <b>14509</b>              | <b>11502</b>              |
| <b>TPCL GENERATION</b>          | <b>557</b>                | <b>557</b>                | <b>379</b>                |
| <b>R-INFRA GENERATION</b>       | <b>260</b>                | <b>260</b>                | <b>192</b>                |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>1923</b>               | <b>1796</b>               | <b>1245</b>               |
| <b>STATE DEMAND MET</b>         | <b>17106</b>              | <b>16211</b>              | <b>12688</b>              |
| <b>STATE DEMAND</b>             | <b>17174</b>              | <b>16305</b>              | <b>12747</b>              |
| <b>Frequency (Hz)</b>           | <b>49.88</b>              | <b>50.02</b>              | <b>49.97</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz |
|-----------------------|-----------------------|---------------|---------------------|
| 50.45 Hz at 23.58 Hrs | 49.53 Hz at 08.17 Hrs | 49.98         | 0 % of Time(min)    |

\* 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 25/Jan/2015

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 3.51        | 82.55         | 155      | 135      | 142      |
| Unit 7           | 3.61        | 82.50         | 160      | 132      | 136      |
| Total            | 7.12        | 165.05        |          |          | 278      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 0.00        | 27.63         | 0        | 0        | 0        |
| Unit 4           | 10.76       | 236.71        | 500      | 360      | 348      |
| Unit 5           | 5.50        | 227.05        | 500      | 0        | 348      |
| Total            | 16.26       | 491.39        |          |          | 696      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.38        | 60.63         | 155      | 129      | 150      |
| Unit 5           | 3.58        | 90.08         | 155      | 143      | 150      |
| Unit 6           | 5.22        | 122.60        | 250      | 196      | 200      |
| Unit 7           | 5.18        | 106.80        | 250      | 191      | 200      |
| Total            | 17.36       | 380.11        |          |          | 700      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 3.10        | 77.15         | 132      | 123      | 130      |
| Unit 3           | 4.50        | 76.62         | 203      | 177      | 200      |
| Unit 4           | 4.37        | 92.54         | 199      | 138      | 200      |
| Unit 5           | 9.95        | 231.11        | 450      | 365      | 450      |
| Unit 6           | 1.05        | 200.96        | 295      | 0        | 0        |
| Unit 7           | 7.54        | 196.86        | 465      | 0        | 450      |
| Total            | 30.51       | 875.24        |          |          | 1430     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.67        | 116.40        | 224      | 181      | 201      |
| Unit 4           | 2.29        | 82.63         | 205      | 0        | 0        |
| Total            | 6.96        | 199.03        |          |          | 201      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.23        | 103.21        | 185      | 165      | 200      |
| Unit 2           | 3.68        | 92.30         | 175      | 140      | 180      |
| Unit 3           | 4.78        | 110.42        | 210      | 183      | 210      |
| Unit 4           | 4.56        | 100.82        | 206      | 171      | 210      |
| Unit 5           | 0.00        | 220.12        | 0        | 0        | 0        |
| Total            | 17.25       | 626.88        |          |          | 800      |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.48        | 106.88        | 200      | 170      | 200      |
| Unit 4           | 4.36        | 105.47        | 194      | 168      | 200      |
| Unit 5           | 4.49        | 96.11         | 200      | 174      | 200      |
| Total            | 13.32       | 308.46        |          |          | 600      |
| Uran             |             |               |          |          |          |
| All Units        | 7.41        | 206.32        | 373      | 268      | 470      |
| Total            | 7.41        | 206.32        |          |          | 470      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.45        | 12.73         | 27       | 10       |          |
| Total            | 0.45        | 12.73         |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 3.93        | 65.57         | 510      | 40       | 600      |
| Stage 4          | 0.58        | 13.81         | 273      | 0        | 250      |
| Stage 3          | 0.94        | 18.16         | 160      | 0        | 320      |
| Kovna 12&4 Total | 4.50        | 79.38         |          |          | 850      |

| Generating unit    | Generation   |                |                |          | OLC (MW)     |
|--------------------|--------------|----------------|----------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus)  | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>5.45</b>  | <b>97.55</b>   |                |          | <b>1170</b>  |
| <b>Hydro</b>       |              |                |                |          |              |
| KDPH               | 0.45         | 8.71           | 19             | 18       | 19           |
| VTRNA              | 0.00         | 0.00           | 0              | 0        | 0            |
| TILLARI            | 0.00         | 6.74           | 0              | 0        | 0            |
| BHTGR/VEER         | 0.08         | 2.25           | 4              | 3        | 4            |
| BHIRA T.R.         | 0.23         | 6.67           | 80             | 0        | 80           |
| RNGR+BHTSA         | 0.38         | 8.26           | 16             | 15       | 15           |
| BHANDARDRA         | 0.00         | 0.00           | 0              | 0        | 0            |
| ELDARY             | 0.31         | 1.14           | 14             | 11       |              |
| SMLHY PTN          | 1.08         | 25.68          | 53             | 42       | 23           |
| GHATGHAR           | 0.99         | 21.54          | 125            | 0        |              |
| <b>Total</b>       | <b>3.52</b>  | <b>81.00</b>   |                |          | <b>141</b>   |
| <b>Wind</b>        |              |                |                |          |              |
| MalharPeth         | 0.06         | 2.86           |                |          |              |
| Vankuswadi         | 0.11         | 5.03           |                |          |              |
| ATIT               | 0.01         | 0.52           |                |          |              |
| Kale               | 0.04         | 2.06           |                |          |              |
| Satara             | 2.12         | 52.38          |                |          |              |
| Shirala            | 0.05         | 2.94           |                |          |              |
| K Mahankal         | 0.02         | 0.30           |                |          |              |
| Supa               | 0.07         | 1.37           |                |          |              |
| Vita               | 0.43         | 15.69          |                |          |              |
| Dondaicha          | 1.44         | 16.43          |                |          |              |
| Sakri              | 0.21         | 1.99           |                |          |              |
| Nandurbar          | 0.64         | 6.14           |                |          |              |
| Khandke            | 0.28         | 3.82           |                |          |              |
| Khaparale          | 0.09         | 2.28           |                |          |              |
| <b>Total</b>       | <b>5.56</b>  | <b>113.79</b>  |                |          |              |
| <b>CPP</b>         |              |                |                |          |              |
| JSW JAIGAD         | 19.62        | 510.09         | 870            | 741      | 783          |
| WARDHA             | 2.09         | 62.91          | 118            | -10      | 118          |
| Adani              | 43.64        | 1117.11        | 1970           | 1690     | 2000         |
| Other CPPs         | 27.55        | 606.00         |                |          | 745          |
| <b>Total</b>       | <b>92.91</b> | <b>2296.12</b> |                |          | <b>3646</b>  |
| <b>SOLAR</b>       |              |                |                |          |              |
| Total              | 0.74         | 25.18          |                |          |              |
| <b>Total</b>       | <b>0.74</b>  | <b>25.18</b>   |                |          |              |
| <b>Tata</b>        |              |                |                |          |              |
| Trombay 4          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 5          | 0.00         | 21.75          | 0              | 0        | 0            |
| Trombay 6          | 3.61         | 81.12          | 152            | 150      | 500          |
| Trombay 7A         | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 7B         | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 8          | 5.54         | 136.94         | 251            | 198      | 250          |
| TATA Hydro         | 1.90         | 115.28         | 282            | 0        | 447          |
| <b>Total</b>       | <b>11.06</b> | <b>355.08</b>  |                |          | <b>1197</b>  |
| <b>REL</b>         |              |                |                |          |              |
| 1&2                | 5.60         | 140.60         | 260            | 191      | 250          |
| <b>Total</b>       | <b>5.60</b>  | <b>140.60</b>  |                |          | <b>250</b>   |
| <b>Cent Sect</b>   |              |                |                |          |              |
| Share              |              |                |                |          | 5637         |
| <b>Total</b>       |              |                |                |          | <b>5637</b>  |
| MS<br>PG<br>CL     | Thermal      | 108.77         | 3046.16        |          | 4705         |
|                    | Thml+Gas     | 116.18         | 3252.49        |          | 5175         |
|                    | Hydro        | 8.97           | 178.55         |          | 1311         |
|                    | <b>Total</b> | <b>125.15</b>  | <b>3431.03</b> |          | <b>6486</b>  |
| <b>State Total</b> |              | <b>241.47</b>  | <b>6374.52</b> |          | <b>17216</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 25/Jan/2015

| TIME<br>SR.<br>NO. | MSPGCL GEN. |      |      | TOTAL  | WIND | CPP /<br>IPP | SOLAR | CS<br>SHARE | CS<br>RECPT | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEM.<br>MET | LOAD<br>SHEDDI<br>NG | MSEDCL<br>DEM.<br>WITH LS | TPCL + R<br>-INFRA<br>DEMAND | STATE<br>DEMAND | FREQ.<br>(Hz) |
|--------------------|-------------|------|------|--------|------|--------------|-------|-------------|-------------|--------------|----------------------|-----------------------|----------------------|---------------------------|------------------------------|-----------------|---------------|
|                    | THM         | HY   | GAS  |        |      |              |       |             |             |              |                      |                       |                      |                           |                              |                 |               |
| 1                  | 4297        | 147  | 373  | 4817   | 204  | 3606         | 0     | 3556        | 4030        | -722         | -933                 | 11737                 | 112                  | 11849                     | 1482                         | 13331           | 49.96         |
| 2                  | 4318        | 132  | 318  | 4768   | 245  | 3555         | 0     | 3429        | 4043        | -709         | -807                 | 11819                 | 55                   | 11874                     | 1359                         | 13233           | 50.00         |
| 3                  | 4329        | 142  | 316  | 4787   | 147  | 3566         | 0     | 3370        | 4000        | -692         | -735                 | 11778                 | 59                   | 11837                     | 1287                         | 13124           | 49.97         |
| 4                  | 4338        | 132  | 322  | 4792   | 172  | 3568         | 0     | 3200        | 3572        | -687         | -674                 | 11443                 | 59                   | 11502                     | 1245                         | 12747           | 49.97         |
| 5                  | 4343        | 133  | 322  | 4798   | 189  | 3573         | 0     | 3118        | 3920        | -693         | -706                 | 11787                 | 60                   | 11847                     | 1257                         | 13104           | 49.93         |
| 6                  | 4377        | 133  | 320  | 4830   | 188  | 3582         | 0     | 3737        | 4485        | -711         | -804                 | 12291                 | 75                   | 12366                     | 1356                         | 13722           | 49.96         |
| 7                  | 4456        | 133  | 321  | 4910   | 166  | 3588         | 0     | 4677        | 5217        | -731         | -874                 | 13019                 | 103                  | 13122                     | 1427                         | 14549           | 49.96         |
| 8                  | 4384        | 167  | 321  | 4872   | 173  | 3614         | 7     | 4671        | 6207        | -701         | -808                 | 14078                 | 109                  | 14187                     | 1494                         | 15681           | 49.81         |
| 9                  | 4388        | 503  | 316  | 5207   | 126  | 3793         | 22    | 5132        | 6304        | -672         | -759                 | 14718                 | 107                  | 14825                     | 1631                         | 16456           | 49.67         |
| 10                 | 4747        | 415  | 312  | 5474   | 196  | 3931         | 51    | 5180        | 5773        | -753         | -1000                | 14452                 | 72                   | 14524                     | 1813                         | 16337           | 49.77         |
| 11                 | 4889        | 371  | 303  | 5563   | 208  | 3889         | 96    | 5267        | 6367        | -839         | -1100                | 15048                 | 63                   | 15111                     | 1917                         | 17028           | 49.87         |
| 12                 | 4949        | 242  | 297  | 5488   | 256  | 3904         | 113   | 5311        | 6503        | -866         | -1106                | 15183                 | 68                   | 15251                     | 1923                         | 17174           | 49.88         |
| 13                 | 5162        | 228  | 296  | 5686   | 199  | 3936         | 140   | 5076        | 6082        | -849         | -1043                | 15025                 | 134                  | 15159                     | 1889                         | 17048           | 49.96         |
| 14                 | 4962        | 267  | 297  | 5526   | 174  | 3978         | 106   | 4746        | 5584        | -879         | -979                 | 14415                 | 94                   | 14509                     | 1796                         | 16305           | 50.02         |
| 15                 | 4695        | 337  | 297  | 5329   | 189  | 4012         | 99    | 4827        | 5283        | -843         | -903                 | 14021                 | 81                   | 14102                     | 1719                         | 15821           | 50.04         |
| 16                 | 4636        | 348  | 298  | 5282   | 183  | 4019         | 67    | 4834        | 4973        | -825         | -828                 | 13707                 | 64                   | 13771                     | 1660                         | 15431           | 49.97         |
| 17                 | 4607        | 738  | 275  | 5620   | 304  | 4029         | 30    | 4346        | 4329        | -810         | -840                 | 13499                 | 68                   | 13567                     | 1634                         | 15201           | 50.03         |
| 18                 | 4505        | 714  | 274  | 5493   | 401  | 4045         | 14    | 3795        | 2891        | -788         | -961                 | 11904                 | 74                   | 11978                     | 1661                         | 13639           | 50.06         |
| 19                 | 4172        | 694  | 268  | 5134   | 349  | 4083         | 0     | 4058        | 3779        | -912         | -1183                | 12189                 | 73                   | 12262                     | 1849                         | 14111           | 50.02         |
| 20                 | 4319        | 1071 | 297  | 5687   | 331  | 4087         | 0     | 4373        | 3779        | -1043        | -1257                | 12654                 | 80                   | 12734                     | 1984                         | 14718           | 49.99         |
| 21                 | 4416        | 785  | 316  | 5517   | 380  | 4042         | 0     | 4057        | 3264        | -1003        | -1258                | 11970                 | 69                   | 12039                     | 1942                         | 13981           | 50.13         |
| 22                 | 4484        | 222  | 312  | 5018   | 317  | 4167         | 0     | 4254        | 3628        | -898         | -1219                | 11936                 | 68                   | 12004                     | 1853                         | 13857           | 50.13         |
| 23                 | 4626        | 557  | 320  | 5503   | 258  | 4166         | 0     | 3553        | 2867        | -903         | -1138                | 11667                 | 60                   | 11727                     | 1766                         | 13493           | 50.08         |
| 24                 | 4373        | 356  | 321  | 5050   | 207  | 4173         | 0     | 3706        | 1997        | -864         | -984                 | 10453                 | 60                   | 10513                     | 1614                         | 12127           | 50.30         |
| MUs                | 108.77      | 8.97 | 7.41 | 125.15 | 5.56 | 92.91        | 0.74  | 102.27      | 108.88      | -19.39       | -22.90               | 310.79                | 1.87                 | 312.66                    | 39.56                        | 352.22          | 49.98         |

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 25/Jan/2015**

Position as on 6.30 Hrs of 26/Jan/2015

| 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                   |               |
| Cent_Sect Tarapur 1     | 160      | 12/10/2014   | 22.39        |            | Continued. | Refuelling work.(60Days)         |               |
| Hydro GhatgharU2        | 125      | 23/12/2014   | 08.30        |            | Continued. | Annual Overhaul                  |               |
| Tata Trombay 5          | 500      | 03/01/2015   | 20.30        |            | Continued. | Annual Maintenance               |               |
| Bhusawal Unit 3         | 210      | 20/01/2015   | 08.02        |            | Continued. | Annual Overhaul                  | 10/02/2015    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                  |               |
| Dabhol 1B               | 230      | 28/05/2013   | 22.02        |            | Continued. | Gas shortage.                    |               |
| Dabhol 3A               | 230      | 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                     |               |
| Dabhol 2B               | 230      | 08/08/2013   | 15.03        |            | Continued. | Gas Shortage                     |               |
| Dabhol 3X               | 290      | 29/12/2013   | 05.47        |            | Continued. | Gas Shortage                     |               |
| Dabhol 3B               | 230      | 29/12/2013   | 06.14        |            | Continued. | Gas Shortage                     |               |
| CPP WPCL U-2            | 135      | 18/02/2014   | 00.02        |            | Continued. | Ash Conveying problem            |               |
| CPP Dhariwal            | 300      | 28/05/2014   | 02.27        |            | Continued. | PA Fan Vibration Problem. (U-1). |               |
| Koradi Unit 5           | 200      | 17/06/2014   | 11.53        |            | Continued. | economic shutdown                |               |
| Chandrapur Unit 1       | 210      | 28/08/2014   | 07.15        |            | Continued. | economic shutdown                |               |
| Bhusawal Unit 2         | 210      | 13/09/2014   | 12.43        |            | Continued. | Economic shutdown                |               |
| CPP WPCL U-1            | 135      | 30/10/2014   | 00.43        |            | Continued. | ESP Bag Filter Damaged           |               |
| CPP IPL U-2             | 270      | 30/10/2014   | 16.16        | 25/01/2015 | 15.07      | Gen.Diff.Protection operated     |               |
| Tata Trombay 7B         | 60       | 11/12/2014   | 20.39        |            | Continued. | Rotor Fault.                     | 25/02/2015    |
| Tata Trombay 7A         | 120      | 11/12/2014   | 21.51        |            | Continued. | Rotor Fault.                     | 25/02/2015    |
| Cent_Sect TARAPUR-4     | 540      | 19/12/2014   | 19.04        |            | Continued. | W/Dn.                            |               |
| CPP WPCL U-3            | 135      | 25/12/2014   | 14.02        | 26/01/2015 | 00.55      | ID Fan Problem.                  |               |
| Uran Unit 7             | 108      | 28/12/2014   | 04.49        |            | Continued. | Gas Shortage.                    |               |
| REL 2                   | 250      | 04/01/2015   | 01.55        |            | Continued. | Stator E/F.                      |               |
| CPP Adani U-4           | 660      | 04/01/2015   | 03.24        |            | Continued. | MOV Leakage                      |               |
| Paras Unit 4            | 250      | 22/01/2015   | 16.19        | 25/01/2015 | 11.27      | BLR T/L.                         |               |
| Khaparkheda Unit 5      | 500      | 22/01/2015   | 19.15        |            | Continued. | Water Wall Tube Leakage.         |               |
| Uran Unit 8             | 108      | 24/01/2015   | 00.34        | 26/01/2015 | 08.43      | Generator Impedance Protection   |               |
| Uran Unit B0            | 120      | 24/01/2015   | 00.34        |            | Continued. | Generator Impedance Protection   |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 25/Jan/2015**

Position as on 6.30 Hrs of 26/Jan/2015

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage       | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|------------------------|---------------|
| Chandrapur Unit 6       | 500      | 24/01/2015   | 13.25        | 25/01/2015 | 17.12      | Air Heater Jammed      |               |
| Bhusawal Unit 5         | 500      | 25/01/2015   | 13.50        |            | Continued. | Boiler Tube Leakage    |               |
| Chandrapur Unit 6       | 500      | 25/01/2015   | 17.15        | 25/01/2015 | 19.40      | RPP operated           |               |
| Chandrapur Unit 7       | 500      | 25/01/2015   | 17.56        | 25/01/2015 | 21.44      | Turbine Vibration High |               |
| CPP WPCL U-4            | 135      | 25/01/2015   | 22.27        |            | Continued. | ID Fan problem         |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 25/Jan/2015**

Position as on 6.30 Hrs of 26/Jan/2015

| Name of Line                          | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                                   |
|---------------------------------------|--------------|--------------|-----------------------------------|-------------------|------------------------------------------------------------------------------------|
| <b>InterState</b>                     |              |              |                                   |                   |                                                                                    |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                    |
| Tarapur - Borivali                    | 21/11/2014   | 14.51        |                                   | Continued.        | Mumbai Strengthening work.                                                         |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                                    |
| Kolhapur - Mapusa - I                 | 24/01/2015   | 16.42        | 25/01/2015                        | 09.51             | Over Voltage                                                                       |
| Dhule-Sar'Sarovar - II                | 24/01/2015   | 20.38        | 25/01/2015                        | 09.12             | Over Voltage                                                                       |
| Kolhapur - Mapusa - II                | 25/01/2015   | 15.10        | 26/01/2015                        | 07.18             | Over Voltage                                                                       |
| Kolhapur-Solapur(PGCIL)-I             | 25/01/2015   | 17.17        | 26/01/2015                        | 06.29             | Over Voltage                                                                       |
| Dhule-Sar'Sarovar - I                 | 25/01/2015   | 17.28        | 26/01/2015                        | 06.39             | Over Voltage                                                                       |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> TRIPPED        |                   |                                                                                    |
| Dabhol-Nagothane-II                   | 25/01/2015   | 01.50        | 25/01/2015                        | 09.36             | Over Voltage                                                                       |
| Dabhol-Nagothane - II                 | 25/01/2015   | 18.00        |                                   | Continued.        | Over Voltage                                                                       |
| Karad - Solapur (PGCIL)               | 26/01/2015   | 16.33        |                                   | Continued.        | Over Voltage.                                                                      |
| <b>IntraState</b>                     |              |              |                                   |                   |                                                                                    |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                    |
| 400/220 KV 105 MVA Spare ICT @ Akola. | 06/01/2015   | 09.50        |                                   | Continued.        | Oil Filtration of Main Tank & OLTC Due to Rise in Water Content.                   |
| Padgha - Nagothane - I                | 21/01/2015   | 01.02        | 25/01/2015                        | 12.05             | Taken on T.B.C.due to main breaker prob.RFC 23.01Hrs/24-1-2015                     |
| Padgha - Kalwa- I                     | 25/01/2015   | 09.22        |                                   | Continued.        | Conversion SSN to DSN(RFC 21.00Hrs)                                                |
| Dabhol - Nagothane - I                | 25/01/2015   | 09.58        | 26/01/2015                        | 10.57             | Cold Washing work(RFC 19.20Hrs)                                                    |
| Aurangabad - Taptithanda              | 26/01/2015   | 09.04        | 26/01/2015                        | 20.32             | For Stringing Work of 765KV Wardha-Aurangabad PG-I.                                |
| Padgha - Padgha HVDC - I              | 26/01/2015   | 09.17        | 26/01/2015                        | 19.25             | Maint.Work.                                                                        |
| Deepnagar-Tapitatanda                 | 26/01/2015   | 09.33        |                                   | Continued.        | For Stringing Work of 765KV Wardha-Aurangabad PG-I.(Ready for Charging @21.24 Hrs) |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                                                                    |
| Ghodbandar - Bhoisor (MSETCL)         | 25/11/2014   | 11.36        |                                   | Continued.        | Erection & Stringing Work.                                                         |
| TBC @ 400 KV Parli-II                 | 07/01/2015   | 15.48        |                                   | Continued.        | Shifting of CR Panel from 220KV Girawali C/R to 400KV C/R.                         |
| Borivali - Salset - I                 | 25/01/2015   | 11.26        | 25/01/2015                        | 14.04             | Closer Inspection                                                                  |
| Babaleshwar - Babaleshwar - II        | 25/01/2015   | 17.05        | 25/01/2015                        | 18.28             | Red Hot                                                                            |
| Dahanu-Bhoisor                        | 26/01/2015   | 08.45        | 26/01/2015                        | 16.40             | Maint.Work.                                                                        |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                                                                    |
| 400/220KV 500MVA ICT-II at Warora     | 16/01/2015   | 10.43        |                                   | Continued.        | CTR problem.                                                                       |
| Karad - Kolhapur - I                  | 24/01/2015   | 16.11        | 25/01/2015                        | 07.31             | Over Voltage                                                                       |
| Karad-Jaigad I                        | 24/01/2015   | 16.42        | 25/01/2015                        | 09.20             | Over Voltage                                                                       |
| Bhusawal- Aurangabad                  | 24/01/2015   | 20.08        | 25/01/2015                        | 10.30             | Over Voltage                                                                       |
| Babaleshwar-Taptitanda I              | 24/01/2015   | 20.24        |                                   | Continued.        | Over Voltage                                                                       |
| Lonikand- Koyana Stage IV             | 24/01/2015   | 21.11        | 25/01/2015                        | 07.27             | Over Voltage                                                                       |
| Karad - Kolhapur - II                 | 25/01/2015   | 16.11        |                                   | Continued.        | Over Voltage                                                                       |
| Karad-Jaigad I                        | 25/01/2015   | 16.30        |                                   | Continued.        | Over Voltage                                                                       |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 25/Jan/2015**

Position as on 6.30 Hrs of 26/Jan/2015

| Name of Line                         | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                       |
|--------------------------------------|--------------|--------------|---------------------------------|--------------------|----------------------------------------|
| Bhusawal- Aurangabad                 | 25/01/2015   | 17.43        | 26/01/2015                      | 08.28              | Over Voltage                           |
| Lonikand- Koyna Stage IV             | 25/01/2015   | 18.20        | 26/01/2015                      | 10.20              | Over Voltage                           |
| Karad - Lonikand                     | 25/01/2015   | 21.32        | 26/01/2015                      | 11.18              | Over Voltage                           |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                        |
| BBLSR-Waluj                          | 20/01/2015   | 08.51        |                                 | Continued.         | For Loading of Walunj ICT.             |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                    |                                        |
| 765KV Koradi-III -- Tiroda - II      | 24/12/2014   | 15.38        | 25/01/2015                      | 11.37              | Distance Protection                    |
| Padgha - Nagothane- II               | 25/01/2015   | 01.50        |                                 | Continued.         | Over Voltage                           |
| 765KV Koradi-III -- Tiroda - II      | 25/01/2015   | 13.08        |                                 | Continued.         | Bus Bar prot.Operated                  |
| Dabhol - New Koyna - I               | 25/01/2015   | 18.00        |                                 | Continued.         | Over Voltage                           |
| Dabhol - Nagothane - I               | 26/01/2015   | 16.31        | 26/01/2015                      | 18.46              | Over Voltage.                          |
| New Koyna - Koyna Stage IV - II      | 26/01/2015   | 16.33        |                                 | Continued.         | Over Voltage.                          |
| Lonikand-Karad                       | 26/01/2015   | 16.38        |                                 | Continued.         | Over Voltage.                          |
| Karad - Kolhapur - II                | 26/01/2015   | 18.02        |                                 | Continued.         | Over Voltage.                          |
| Dabhol - Nagothane - I               | 26/01/2015   | 23.47        |                                 | Continued.         | Over Voltage.                          |
| <b>Voltage Level : 220KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                    |                                        |
| 220/110KV 200MVA ICT-III at Borivali | 21/09/2014   | 09.16        |                                 | Continued.         | monkey fault                           |
| 220/132KV 100 MVA,ICT-I at Jeur      | 31/12/2014   | 21.28        |                                 | Continued.         | Diff.Prot.Optd.                        |
| Apta-Kalwa                           | 26/01/2015   | 14.57        | 26/01/2015                      | 16.19              | Over Voltage.                          |
| Apta-Taloja                          | 26/01/2015   | 14.57        | 26/01/2015                      | 16.10              | Over Voltage.                          |
| <b>Voltage Level : 132KV</b>         |              |              | <b>Outage Type TRIPPED</b>      |                    |                                        |
| Kurdwadi - Paranda                   | 25/01/2015   | 10.50        | 25/01/2015                      | 12.26              | Wave Trap Jumper open at Kurudwadi end |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 26/Jan/2015

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 148         |
| Unit 7             | 210                   | 162         |
|                    | <b>620</b>            | <b>310</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 500                   | 348         |
| Unit 5             | 500                   | 0           |
|                    | <b>1420</b>           | <b>348</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 168         |
| Unit 5             | 210                   | 168         |
| Unit 6             | 250                   | 200         |
| Unit 7             | 250                   | 200         |
|                    | <b>1130</b>           | <b>736</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 130         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 350         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1780</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 220         |
| Unit 4             | 250                   | 220         |
|                    | <b>500</b>            | <b>440</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 0           |
|                    | <b>1340</b>           | <b>800</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 200         |
|                    | <b>630</b>            | <b>600</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 470         |
|                    | <b>852</b>            | <b>470</b>  |
| <b>PENCH (MS)</b>  |                       |             |
| Pench (MS)         | 53                    |             |
|                    | <b>53</b>             |             |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 19          |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 0           |
| BHTGR/VEER       | 21                    | 3           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 16          |
| BHANDARDRA       | 45                    | 0           |
| ELDARY           | 23                    | 12          |
| SMLHY PTN        | 12                    | 11          |
| GHATGHAR         | 250                   | 0           |
|                  | <b>611</b>            | <b>141</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                  | 924         |
| WARDHA           | 405                   | 112         |
| Adani            | 2640                  | 2000        |
| Other CPPs       | 300                   | 990         |
|                  | <b>4545</b>           | <b>4026</b> |
| <b>SOLAR</b>     |                       |             |
| Total            | 0                     |             |
|                  | <b>0</b>              |             |
| <b>Tata</b>      |                       |             |
| Trombay 4        | 150                   | 0           |
| Trombay 5        | 500                   | 0           |
| Trombay 6        | 500                   | 500         |
| Trombay 7A       | 120                   | 0           |
| Trombay 7B       | 60                    | 0           |
| Trombay 8        | 250                   | 250         |
| TATA Hydro       | 444                   | 447         |
|                  | <b>2024</b>           | <b>1197</b> |
| <b>REL</b>       |                       |             |
| 1&2              | 500                   | 250         |
|                  | <b>500</b>            | <b>250</b>  |
| <b>Cent Sect</b> |                       |             |
| Share            | 3455                  | 4503        |
|                  | <b>3455</b>           | <b>4503</b> |