



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**20/Jan/2015**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 20/Jan/2015 TUESDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 129.662        | 2480.226        | 1) Gujrat                      | 0.669          | 29.989          |
| 2) Hydro                 | 6.277          | 137.586         | 2) Madhya Pradesh              | 10.940         | 247.395         |
| 3) Gas                   | 7.585          | 165.229         | 3) Chattisgarh                 | 0.000          | 73.870          |
| <b>Total MSGENCO</b>     | <b>143.524</b> | <b>2783.041</b> | 4) Maharashtra Net             | 97.400         | 1652.457        |
| B) 1) JSW JAIGAD         | 20.695         | 403.997         | (Incl. 765kV Solapur-Raichur)  | -1.760         | -155.394        |
| 2) WPCL                  | 2.838          | 49.798          | 5) Goa                         | -5.893         | -119.845        |
| 3) ADANI                 | 48.430         | 897.760         | 6) TAPS 1&2 Injection          | 0.000          | 31.936          |
| 4) Other CPP / IPP       | 24.495         | 477.436         | 7) RGPPL Injection             | 0.000          | 0.000           |
| 5) Wind Generation       | 5.679          | 91.843          | 8) Pench (Excess)              | -0.552         | -10.187         |
| 6) PENCH (MS)            | 0.552          | 10.187          |                                |                |                 |
| 7) SOLAR                 | 1.023          | 20.719          | <b># Total Cent. Sector</b>    | <b>102.564</b> | <b>1905.615</b> |
| C) 1) TPCL Thermal       | 9.315          | 193.369         | <b>F) Other Exchanges</b>      |                |                 |
| 2) TPCL Hydro            | 5.599          | 91.183          | 1) With TPCL (Excess)          | -27.059        | -510.873        |
| <b>TOTAL TPCL</b>        | <b>14.914</b>  | <b>284.552</b>  | <b>G) Bilateral Power *</b>    |                |                 |
| 3) REL Thermal           | 5.756          | 111.537         | 1) MSEDCL Bilateral            | 26.922         | 416.641         |
| <b>D) STATE</b>          |                |                 | Include PX                     | -0.168         | -98.271         |
| 1) Thermal (A1+C1+C3)    | 144.733        | 2785.132        | 2) MUMBAI Bilateral            | 23.920         | 439.305         |
| 2) Hydro (A2+B6+C2)      | 12.428         | 238.956         | Include PX                     | 3.592          | 62.697          |
| 3) Gas (A3)              | 7.585          | 165.229         | 3) MUMBAI Schedule             | 23.920         | 442.076         |
| 4) Wind (B5)             | 5.679          | 91.843          | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 5) CPP/IPP (B1+B2+B3+B4) | 96.458         | 1828.991        | 1) MSEDCL                      | 322.741        | 6129.523        |
| 6) SOLAR (B7)            | 1.023          | 20.719          | 2) TPCL                        | 29.571         | 559.232         |
| <b>TOTAL STATE</b>       | <b>267.906</b> | <b>5130.870</b> | 3) REL                         | 18.158         | 347.723         |
|                          |                |                 | <b>TOTAL STATE</b>             | <b>370.470</b> | <b>7036.478</b> |

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

| PARTICULARS                     | A. Morning Peak at 12 Hrs | B. Evening Peak at 16 Hrs | C. Night Minimum at 3 Hrs |
|---------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                 | 5859                      | 5678                      | 5303                      |
| MSGENCO Hydro                   | 391                       | 119                       | 137                       |
| MSGENCO Gas                     | 305                       | 297                       | 332                       |
| <b>MSGENCO Total Generation</b> | <b>6555</b>               | <b>6094</b>               | <b>5772</b>               |
| <b>Central Sector Receipt</b>   | <b>5631</b>               | <b>5159</b>               | <b>2393</b>               |
| <b>WIND</b>                     | <b>91</b>                 | <b>305</b>                | <b>367</b>                |
| <b>CPP / IPP</b>                | <b>4350</b>               | <b>4557</b>               | <b>3544</b>               |
| <b>SOLAR</b>                    | <b>165</b>                | <b>101</b>                | <b>0</b>                  |
| <b>Exchange with Mumbai</b>     | <b>-1408</b>              | <b>-1267</b>              | <b>-705</b>               |
| <b>MSEDCL DEMAND MET</b>        | <b>15408</b>              | <b>14973</b>              | <b>11395</b>              |
| <b>Load Shedding</b>            | <b>596</b>                | <b>72</b>                 | <b>71</b>                 |
| <b>MSEDCL DEMAND</b>            | <b>16004</b>              | <b>15045</b>              | <b>11466</b>              |
| <b>TPCL GENERATION</b>          | <b>880</b>                | <b>808</b>                | <b>352</b>                |
| <b>R-INFRA GENERATION</b>       | <b>259</b>                | <b>259</b>                | <b>195</b>                |
| <b>TPCL+R-INFRA DEMAND</b>      | <b>2547</b>               | <b>2334</b>               | <b>1252</b>               |
| <b>STATE DEMAND MET</b>         | <b>17955</b>              | <b>17307</b>              | <b>12647</b>              |
| <b>STATE DEMAND</b>             | <b>18551</b>              | <b>17379</b>              | <b>12718</b>              |
| <b>Frequency (Hz)</b>           | <b>49.94</b>              | <b>49.86</b>              | <b>50.03</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.               | MINIMUM FREQ.               | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz     |
|-----------------------------|-----------------------------|---------------|-------------------------|
| <b>50.3 Hz at 18.03 Hrs</b> | <b>49.6 Hz at 09.11 Hrs</b> | <b>49.93</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 20/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           | 3.82        | 64.42         | 180      | 130      | 165      |
| Unit 7           | 3.70        | 73.99         | 170      | 140      | 155      |
| Total            | 7.52        | 138.41        |          |          | 320      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 1.31        | 27.63         | 170      | 0        | 165      |
| Unit 4           | 10.23       | 184.66        | 505      | 355      | 360      |
| Unit 5           | 9.63        | 181.71        | 500      | 360      | 370      |
| Total            | 21.17       | 394.01        |          |          | 895      |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.74        | 42.74         | 163      | 149      | 168      |
| Unit 5           | 3.61        | 72.07         | 155      | 140      | 164      |
| Unit 6           | 4.94        | 96.84         | 228      | 173      | 180      |
| Unit 7           | 4.32        | 81.29         | 205      | 169      | 174      |
| Total            | 16.61       | 292.93        |          |          | 686      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 3.07        | 61.96         | 131      | 121      | 130      |
| Unit 3           | 4.37        | 54.54         | 206      | 166      | 200      |
| Unit 4           | 0.00        | 74.87         | 0        | 0        | 0        |
| Unit 5           | 9.67        | 181.83        | 450      | 360      | 450      |
| Unit 6           | 9.11        | 167.01        | 405      | 341      | 400      |
| Unit 7           | 9.12        | 177.41        | 458      | 333      | 450      |
| Total            | 35.34       | 717.61        |          |          | 1630     |
| Paras            |             |               |          |          |          |
| Unit 3           | 4.72        | 92.84         | 213      | 181      | 220      |
| Unit 4           | 3.10        | 79.77         | 216      | 0        | 220      |
| Total            | 7.83        | 172.61        |          |          | 440      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.46        | 81.16         | 200      | 160      | 200      |
| Unit 2           | 3.86        | 74.12         | 180      | 140      | 180      |
| Unit 3           | 4.62        | 86.78         | 203      | 184      | 210      |
| Unit 4           | 4.59        | 78.09         | 210      | 170      | 210      |
| Unit 5           | 10.69       | 201.00        | 500      | 400      | 500      |
| Total            | 28.23       | 521.16        |          |          | 1300     |
| Nasik            |             |               |          |          |          |
| Unit 3           | 4.33        | 85.05         | 195      | 165      | 182      |
| Unit 4           | 4.24        | 84.34         | 193      | 163      | 182      |
| Unit 5           | 4.39        | 74.10         | 200      | 167      | 182      |
| Total            | 12.96       | 243.50        |          |          | 546      |
| Uran             |             |               |          |          |          |
| All Units        | 7.58        | 165.23        | 335      | 297      | 325      |
| Total            | 7.58        | 165.23        |          |          | 325      |
| PENCH (MS)       |             |               |          |          |          |
| Pench (MS)       | 0.55        | 10.19         | 26       | 11       |          |
| Total            | 0.55        | 10.19         |          |          |          |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.31        | 50.46         | 375      | 40       | 600      |
| Stage 4          | 0.36        | 9.81          | 200      | 0        | 250      |
| Stage 3          | 0.42        | 13.98         | 126      | 0        | 240      |
| Kovna 12&4 Total | 2.67        | 60.27         |          |          | 850      |

| Generating unit    | Generation   |                |                |          | OLC (MW)     |
|--------------------|--------------|----------------|----------------|----------|--------------|
|                    | Daily (Mus)  | Monthly (Mus)  | Max (MW)       | Min (MW) |              |
| <b>Total</b>       | <b>3.09</b>  | <b>74.25</b>   |                |          | <b>1090</b>  |
| <b>Hydro</b>       |              |                |                |          |              |
| KDPH               | 0.60         | 6.52           | 38             | 19       | 18           |
| VTRNA              | 0.00         | 0.00           | 0              | 0        | 0            |
| TILLARI            | 0.16         | 6.74           | 64             | 0        | 60           |
| BHTGR/VEER         | 0.09         | 1.82           | 4              | 3        | 4            |
| BHIRA T.R.         | 0.33         | 5.01           | 80             | 0        | 80           |
| RNGR+BHTSA         | 0.32         | 6.42           | 14             | 13       | 15           |
| BHANDARDRA         | 0.00         | 0.00           | 0              | 0        | 0            |
| ELDARY             | 0.00         | 0.00           | 0              | 0        | 0            |
| SMLHY PTN          | 0.98         | 20.42          | 49             | 38       | 10           |
| GHATGHAR           | 0.71         | 16.41          | 125            | 0        | 0            |
| <b>Total</b>       | <b>3.18</b>  | <b>63.34</b>   |                |          | <b>187</b>   |
| <b>Wind</b>        |              |                |                |          |              |
| MalharPeth         | 0.21         | 2.43           |                |          |              |
| Vankuswadi         | 0.33         | 4.28           |                |          |              |
| ATIT               | 0.03         | 0.46           |                |          |              |
| Kale               | 0.11         | 1.76           |                |          |              |
| Satara             | 2.14         | 43.36          |                |          |              |
| Shirala            | 0.18         | 2.59           |                |          |              |
| K Mahankal         | 0.01         | 0.22           |                |          |              |
| Supa               | 0.04         | 0.87           |                |          |              |
| Vita               | 0.46         | 12.93          |                |          |              |
| Dondaicha          | 1.20         | 12.38          |                |          |              |
| Sakri              | 0.09         | 1.44           |                |          |              |
| Nandurbar          | 0.60         | 4.52           |                |          |              |
| Khandke            | 0.23         | 2.84           |                |          |              |
| Khaparale          | 0.06         | 1.75           |                |          |              |
| <b>Total</b>       | <b>5.68</b>  | <b>91.84</b>   |                |          |              |
| <b>CPP</b>         |              |                |                |          |              |
| JSW JAIGAD         | 20.70        | 404.00         | 1007           | 762      | 885          |
| WARDHA             | 2.84         | 49.80          | 120            | 115      | 118          |
| Adani              | 48.43        | 897.76         | 2400           | 1670     | 2463         |
| Other CPPs         | 24.50        | 477.44         |                |          | 745          |
| <b>Total</b>       | <b>96.46</b> | <b>1828.99</b> |                |          | <b>4211</b>  |
| <b>SOLAR</b>       |              |                |                |          |              |
| Total              | 1.02         | 20.72          |                |          |              |
| <b>Total</b>       | <b>1.02</b>  | <b>20.72</b>   |                |          |              |
| <b>Tata</b>        |              |                |                |          |              |
| Trombay 4          | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 5          | 0.00         | 21.75          | 0              | 0        | 0            |
| Trombay 6          | 3.64         | 63.02          | 155            | 150      | 500          |
| Trombay 7A         | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 7B         | 0.00         | 0.00           | 0              | 0        | 0            |
| Trombay 8          | 5.67         | 108.61         | 254            | 200      | 250          |
| TATA Hydro         | 5.60         | 91.18          | 471            | 0        | 447          |
| <b>Total</b>       | <b>14.91</b> | <b>284.55</b>  |                |          | <b>1197</b>  |
| <b>REL</b>         |              |                |                |          |              |
| 1&2                | 5.76         | 111.54         | 261            | 194      | 250          |
| <b>Total</b>       | <b>5.76</b>  | <b>111.54</b>  |                |          | <b>250</b>   |
| <b>Cent Sect</b>   |              |                |                |          |              |
| Share              |              |                |                |          | 5469         |
| <b>Total</b>       |              |                |                |          | <b>5469</b>  |
| MS PG CL           | Thermal      | 129.66         | 2480.23        |          | 5817         |
|                    | Thml+Gas     | 137.25         | 2645.46        |          | 6142         |
|                    | Hydro        | 6.28           | 137.59         |          | 1277         |
|                    | <b>Total</b> | <b>143.52</b>  | <b>2783.04</b> |          | <b>7419</b>  |
| <b>State Total</b> |              | <b>267.91</b>  | <b>5130.87</b> |          | <b>18546</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 20/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                  | 5299        | 138  | 330  | 5767   | 474  | 3571         | 0     | 3220        | 2830        | -768         | -901                 | 11765                 | 118                  | 11883                     | 1446                         | 13329           | 49.95         |
| 2                  | 5300        | 132  | 335  | 5767   | 395  | 3543         | 0     | 3031        | 2509        | -736         | -766                 | 11471                 | 71                   | 11542                     | 1313                         | 12855           | 49.95         |
| 3                  | 5303        | 137  | 332  | 5772   | 367  | 3544         | 0     | 2810        | 2393        | -719         | -705                 | 11395                 | 71                   | 11466                     | 1252                         | 12718           | 50.03         |
| 4                  | 5318        | 137  | 334  | 5789   | 299  | 3573         | 0     | 2679        | 2495        | -709         | -704                 | 11472                 | 71                   | 11543                     | 1252                         | 12795           | 50.01         |
| 5                  | 5291        | 137  | 329  | 5757   | 316  | 3551         | 0     | 3125        | 2937        | -714         | -719                 | 11865                 | 73                   | 11938                     | 1271                         | 13209           | 49.90         |
| 6                  | 5305        | 137  | 326  | 5768   | 263  | 3495         | 0     | 4088        | 4001        | -729         | -851                 | 12700                 | 93                   | 12793                     | 1402                         | 14195           | 49.90         |
| 7                  | 5436        | 288  | 327  | 6051   | 263  | 3693         | 1     | 4738        | 4695        | -745         | -1010                | 13717                 | 118                  | 13835                     | 1642                         | 15477           | 49.82         |
| 8                  | 5931        | 433  | 323  | 6687   | 255  | 4146         | 11    | 5164        | 5082        | -839         | -1008                | 15199                 | 130                  | 15329                     | 1823                         | 17152           | 49.85         |
| 9                  | 5692        | 576  | 323  | 6591   | 192  | 4351         | 39    | 5244        | 5179        | -1037        | -1041                | 15335                 | 133                  | 15468                     | 2057                         | 17525           | 49.83         |
| 10                 | 5704        | 894  | 311  | 6909   | 86   | 4363         | 90    | 5409        | 5435        | -1205        | -1230                | 15676                 | 208                  | 15884                     | 2362                         | 18246           | 49.83         |
| 11                 | 5778        | 723  | 308  | 6809   | 103  | 4327         | 120   | 5582        | 5654        | -1345        | -1396                | 15641                 | 207                  | 15848                     | 2506                         | 18354           | 49.87         |
| 12                 | 5859        | 391  | 305  | 6555   | 91   | 4350         | 165   | 5662        | 5631        | -1393        | -1408                | 15408                 | 596                  | 16004                     | 2547                         | 18551           | 49.94         |
| 13                 | 5968        | 239  | 299  | 6506   | 123  | 4322         | 156   | 5544        | 5177        | -1345        | -1372                | 14936                 | 368                  | 15304                     | 2483                         | 17787           | 49.91         |
| 14                 | 5901        | 128  | 300  | 6329   | 147  | 4264         | 154   | 5432        | 5202        | -1207        | -1312                | 14808                 | 120                  | 14928                     | 2336                         | 17264           | 49.92         |
| 15                 | 5763        | 114  | 299  | 6176   | 218  | 4054         | 128   | 5345        | 5198        | -1137        | -1271                | 14526                 | 90                   | 14616                     | 2340                         | 16956           | 49.90         |
| 16                 | 5678        | 119  | 297  | 6094   | 305  | 4557         | 101   | 5311        | 5159        | -1125        | -1267                | 14973                 | 72                   | 15045                     | 2334                         | 17379           | 49.86         |
| 17                 | 5493        | 119  | 302  | 5914   | 287  | 4345         | 48    | 5045        | 4953        | -1051        | -1211                | 14360                 | 77                   | 14437                     | 2337                         | 16774           | 49.87         |
| 18                 | 5138        | 144  | 306  | 5588   | 267  | 4376         | 10    | 4298        | 4140        | -991         | -1384                | 13020                 | 72                   | 13092                     | 2328                         | 15420           | 49.91         |
| 19                 | 4957        | 178  | 312  | 5447   | 322  | 4476         | 0     | 4848        | 4323        | -1090        | -1394                | 13197                 | 70                   | 13267                     | 2364                         | 15631           | 49.96         |
| 20                 | 4922        | 202  | 313  | 5437   | 288  | 4452         | 0     | 4906        | 4761        | -1179        | -1298                | 13664                 | 69                   | 13733                     | 2376                         | 16109           | 50.01         |
| 21                 | 4939        | 134  | 317  | 5390   | 197  | 4137         | 0     | 4599        | 4249        | -1063        | -1239                | 12757                 | 64                   | 12821                     | 2256                         | 15077           | 50.00         |
| 22                 | 4939        | 119  | 320  | 5378   | 169  | 3730         | 0     | 3956        | 3932        | -1025        | -1234                | 11998                 | 63                   | 12061                     | 2021                         | 14082           | 50.01         |
| 23                 | 4900        | 449  | 317  | 5666   | 124  | 3660         | 0     | 3054        | 3355        | -991         | -1244                | 11584                 | 63                   | 11647                     | 1925                         | 13572           | 50.00         |
| 24                 | 4848        | 209  | 320  | 5377   | 128  | 3578         | 0     | 3352        | 3274        | -777         | -1094                | 11274                 | 63                   | 11337                     | 1756                         | 13093           | 50.00         |
| MUs                | 129.66      | 6.28 | 7.58 | 143.52 | 5.68 | 96.46        | 1.02  | 106.44      | 102.56      | -23.92       | -27.06               | 322.74                | 3.08                 | 325.82                    | 47.73                        | 373.55          | 49.93         |

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 20/Jan/2015**

Position as on 6.30 Hrs of 21/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               |               |
| <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        |           | Continued. | 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        |           | Continued. | ID Fan Problem.                  |               |
| Uran Unit 7             | 108      | 28/12/2014   | 04.49        |           | Continued. | Gas Shortage.                    |               |
| CPP JSW (J) U2          | 300      | 02/01/2015   | 20.51        |           | Continued. | W/Dn.                            |               |
| 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                      |               |
| Uran Unit B0            | 120      | 12/01/2015   | 06.35        |           | Continued. | Gas Shortage.                    |               |
| Uran Unit 8             | 108      | 12/01/2015   | 06.40        |           | Continued. | Gas Shortage.                    |               |
| Cent_Sect Tarapur 2     | 160      | 13/01/2015   | 20.06        |           | Continued. | Pump Maintenance.                |               |
| Chandrapur Unit 4       | 210      | 18/01/2015   | 23.03        |           | Continued. | Boiler Parts repairing work      |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 20/Jan/2015**

Position as on 6.30 Hrs of 21/Jan/2015

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date | Sync. Time | Reason of Outage               | Expected Date |
|-------------------------|----------|--------------|--------------|-----------|------------|--------------------------------|---------------|
| Bhusawal Unit 3         | 210      | 20/01/2015   | 08.02        |           | Continued. | Boiler Tube Leakage.           |               |
| Paras Unit 4            | 250      | 20/01/2015   | 15.45        |           | Continued. | GT LV Turret CT Checking Work. |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 20/Jan/2015**

Position as on 6.30 Hrs of 21/Jan/2015

| Name of Line                               | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                                     |
|--------------------------------------------|--------------|--------------|-----------------------------------|--------------------|------------------------------------------------------------------------------------------------------|
| <b>InterState</b>                          |              |              |                                   |                    |                                                                                                      |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                      |
| Koradi-Bhilai                              | 15/01/2015   | 10.27        |                                   | Continued.         | Tower shifting work.                                                                                 |
| Akola-II - Akola-I                         | 20/01/2015   | 08.08        | 20/01/2015                        | 19.24              | Annual Maintainance Work.                                                                            |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                      |
| Tarapur - Borivali                         | 21/11/2014   | 14.51        |                                   | Continued.         | Mumbai Strengthing work.                                                                             |
| Wardha - Deoli (PGCIL)                     | 19/01/2015   | 11.56        |                                   | Continued.         | Q.M.Work,Ready for Charging.                                                                         |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                                      |
| Kolhapur - Mapusa - I                      | 19/01/2015   | 16.21        | 20/01/2015                        | 07.44              | Over Voltage.                                                                                        |
| Kolhapur-Solapur(PGCIL)-I                  | 19/01/2015   | 18.13        | 20/01/2015                        | 06.17              | Over Voltage.                                                                                        |
| Dhule-Sar'Sarovar - I                      | 19/01/2015   | 19.10        | 20/01/2015                        | 06.16              | Over Voltage.                                                                                        |
| Kolhapur-Mapusa-II                         | 20/01/2015   | 17.27        | 21/01/2015                        | 06.52              | Over Voltage.                                                                                        |
| Kolhapur-Solapur (PG) II                   | 20/01/2015   | 21.40        | 21/01/2015                        | 06.19              | Over Voltage.                                                                                        |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                                                      |
| Dabhol-Nagothane-II                        | 13/12/2014   | 00.00        |                                   | Continued.         | Over Voltage                                                                                         |
| <b>IntraState</b>                          |              |              |                                   |                    |                                                                                                      |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                                      |
| 400/220 KV 500 MVA ICT - I @ Warora        | 23/11/2014   | 08.10        |                                   | Continued.         | Leakage in Nitrogen Cylinder of B Ph CTR System.                                                     |
| 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.                                     |
| New Koyna - Karad - I                      | 19/01/2015   | 10.15        | 20/01/2015                        | 08.49              | Q.M.Work,Ready for Charging.                                                                         |
| Akola II- Indiabull (Nandgaonpeth)Main Bay | 19/01/2015   | 11.17        | 20/01/2015                        | 14.40              | Removing of Jumpers of Bus Isolator by Hot Line Method.Bus Isolator Maint.& Alignment Work.Q.M.Work. |
| Bus Coupler @ Padgha                       | 20/01/2015   | 14.08        | 20/01/2015                        | 17.10              | To Attend Hot Spot Work.                                                                             |
| <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.                                           |
| 220/132 KV 200 MVA T/F-II @ Kurkumbh       | 16/01/2015   | 08.25        |                                   | Continued.         | Repl.of conductor.                                                                                   |
| 220/132KV 200MVA ICT-II at Mudshingi       | 16/01/2015   | 10.10        | 16/01/2015                        | Continued.         | Q.M.Work.                                                                                            |
| Pophali - Nerle                            | 20/01/2015   | 08.25        |                                   | Continued.         | Attending D/P Relay Problem.                                                                         |
| Ngotahane-IPCL                             | 20/01/2015   | 08.50        | 20/01/2015                        | 20.51              | Replacement of 220KV CB.                                                                             |
| Wadkhal-IPCL I                             | 20/01/2015   | 09.01        | 20/01/2015                        | 18.02              | Replacement of 220KV CB.                                                                             |
| 220/132 KV 100 MVA ICT - II @ Tulzapur     | 20/01/2015   | 09.42        | 20/01/2015                        | 13.28              | Quarterly Maintainance Work of ICT.                                                                  |
| Karad-Vita-II                              | 20/01/2015   | 09.58        | 20/01/2015                        | 13.17              | Attending Hot Spot.                                                                                  |
| Badnera - Rly TSS - II                     | 20/01/2015   | 10.51        | 20/01/2015                        | 14.35              | Measurment of Tan Delta of CT.                                                                       |
| Karad - Nerle                              | 20/01/2015   | 11.04        | 20/01/2015                        | 17.23              | Attending D/P Relay Problem.                                                                         |
| Ambazari - Abhijeet                        | 20/01/2015   | 11.12        | 20/01/2015                        | 13.15              | Measurment of IR Values of B Ph LA.                                                                  |
| Parli-Usmanabad                            | 20/01/2015   | 11.15        | 20/01/2015                        | 13.12              | Measurment of Tan Delta of CT.                                                                       |
| Parly - Harangool - I                      | 20/01/2015   | 18.02        | 20/01/2015                        | 20.28              | Measurment of Tan Delta of CT.                                                                       |
| Kalwa-Mulund II                            | 21/01/2015   | 00.13        | 21/01/2015                        | 06.36              | Relay Replacement Work.                                                                              |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 20/Jan/2015**

Position as on 6.30 Hrs of 21/Jan/2015

| Name of Line                         | Tripped Date | Tripped Time | Synchronise d Date               | Synchronise d Time | Reason of Outage                         |
|--------------------------------------|--------------|--------------|----------------------------------|--------------------|------------------------------------------|
| <b>Voltage Level : 500KV</b>         |              |              | <b>Outage Type FORCED OUTAGE</b> |                    |                                          |
| HVDC Pole-I                          | 21/01/2015   | 00.53        | 21/01/2015                       | 03.39              | Convertor T/F Tap Changer Checking Work. |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                          |
| 400/220KV 500MVA ICT-II at Warora    | 16/01/2015   | 10.43        |                                  | Continued.         | CTR problem.                             |
| Bableshwar-Taptitanda I              | 18/01/2015   | 19.47        |                                  | Continued.         | Over Voltage                             |
| Karad - Kolhapur - II                | 19/01/2015   | 16.38        | 20/01/2015                       | 07.25              | Over Voltage.                            |
| Karad-Jaigad I                       | 19/01/2015   | 16.44        | 20/01/2015                       | 08.52              | Over Voltage.                            |
| Bhusawal- Aurangabad                 | 19/01/2015   | 17.38        | 20/01/2015                       | 08.54              | Over Voltage.                            |
| Lonikand- Koyna Stage IV             | 19/01/2015   | 21.08        | 20/01/2015                       | 06.23              | Over Voltage.                            |
| Karad - Kolhapur - I                 | 20/01/2015   | 16.34        |                                  | Continued.         | Over Voltage.                            |
| Karad-Jaigad I                       | 20/01/2015   | 16.36        |                                  | Continued.         | Over Voltage.                            |
| Bhusawal- Aurangabad                 | 20/01/2015   | 17.34        |                                  | Continued.         | Over Voltage.                            |
| Lonikand- Koyna Stage IV             | 20/01/2015   | 21.10        | 21/01/2015                       | 06.55              | 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.               |
| Aurangabad - Babaleshwar             | 20/01/2015   | 08.51        |                                  | Continued.         | To Control Aurangabad ICT Loading.       |
| Nasik - Airoli - Knowledge Park      | 20/01/2015   | 10.04        | 20/01/2015                       | 17.11              | ICT Loading @ Babaleshwar.               |
| <b>Voltage Level : 400KV</b>         |              |              | <b>Outage Type TRIPPED</b>       |                    |                                          |
| 765KV Koradi-III -- Tiroda - II      | 24/12/2014   | 15.38        |                                  | Continued.         | Distance Protection                      |
| New Koyna - Dabhol - I               | 02/01/2015   | 03.02        |                                  | 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.                          |
| Telco - Bhosari - II                 | 20/01/2015   | 13.37        | 20/01/2015                       | 17.32              | R Ph CC Burst.                           |
| Bhosari-II - Bhosari - I             | 20/01/2015   | 13.37        | 20/01/2015                       | 14.12              | Tripped.                                 |



# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 21/Jan/2015

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 138         |
| Unit 7             | 210                   | 161         |
|                    | <b>620</b>            | <b>299</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 500                   | 360         |
| Unit 5             | 500                   | 365         |
|                    | <b>1420</b>           | <b>725</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 165         |
| Unit 5             | 210                   | 165         |
| Unit 6             | 250                   | 190         |
| Unit 7             | 250                   | 190         |
|                    | <b>1130</b>           | <b>710</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 130         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1630</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 220         |
| Unit 4             | 250                   | 0           |
|                    | <b>500</b>            | <b>220</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 500         |
|                    | <b>1340</b>           | <b>1300</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                   | 325         |
|                    | <b>852</b>            | <b>325</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                    | 36          |
| VTRNA              | 60                    | 0           |

| Generating unit  | Derated Capacity (MW) | OLC (MW)    |
|------------------|-----------------------|-------------|
| TILLARI          | 60                    | 64          |
| BHTGR/VEER       | 21                    | 4           |
| BHIRA T.R.       | 80                    | 80          |
| RNGR+BHTSA       | 20                    | 14          |
| BHANDARDRA       | 45                    |             |
| ELDARY           | 23                    |             |
| SMLHY PTN        | 12                    | 10          |
| GHATGHAR         | 250                   |             |
|                  | <b>611</b>            | <b>208</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                  | 930         |
| WARDHA           | 405                   | 115         |
| Adani            | 2640                  | 2463        |
| Other CPPs       | 300                   | 745         |
|                  | <b>4545</b>           | <b>4253</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                  | 6096        |
|                  | <b>3455</b>           | <b>6096</b> |