

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD.**  
STATE LOAD DESPATCH CENTRE, KALWA



Office of The Chief Engineer  
State Load Dispatch Center  
Thane-Belapur Road, P.O. Airoli,  
Navi Mumbai Pin - 400 705



**Fax Message**

**Page 1**

1/JAN/2018

To : 1) CE(CEA) New Delhi 2) MS WRPC 3) DGM WRLDC, POSOCO Andheri Mumbai,

Fax No. : 011-26170385, 011-26107416, 011-26108834, 28370193

| Power Station/ Unit | Monthly Gen    | Max Gen | Power Station/ Unit                               | Monthly Gen     | Max Gen |
|---------------------|----------------|---------|---------------------------------------------------|-----------------|---------|
| <b>Koradi</b>       |                |         | Pench (MS)                                        | 9.17            | 53      |
| Unit 6              | 0.00           | 0       | <b>Total</b>                                      | <b>9.17</b>     |         |
| Unit 7              | 51.01          | 170     | <b>Koyna</b>                                      |                 |         |
| Unit 8              | 194.48         | 660     | Stage 1-2                                         | 63.26           | 480     |
| Unit 9              | 232.29         | 651     | Stage 4                                           | 6.08            | 426     |
| Unit 10             | 202.02         | 665     | Stage 3                                           | 15.96           | 190     |
| <b>Total</b>        | <b>679.81</b>  |         | <b>Total</b>                                      | <b>85.30</b>    |         |
| <b>Bhusawal</b>     |                |         | <b>Hydro</b>                                      |                 |         |
| Unit 3              | 88.26          | 205     | KDPH                                              | 7.93            | 37      |
| Unit 4              | 267.85         | 505     | VTRNA                                             | 10.23           | 61      |
| Unit 5              | 270.10         | 510     | TILLARI                                           | 10.72           | 63      |
| <b>Total</b>        | <b>626.22</b>  |         | BHTGR/VEER                                        | 0.00            | 0       |
| <b>Parli</b>        |                |         | BHIRA T.R.                                        | 6.62            | 80      |
| Unit 4              | 0.00           | 0       | RNGR+BHTSA                                        | 12.21           | 17      |
| Unit 5              | 0.00           | 0       | BHANDARDRA                                        | 0.00            | 0       |
| Unit 6              | 139.33         | 250     | ELDARY                                            | 2.05            | 12      |
| Unit 7              | 12.88          | 191     | SMLHY PTN                                         | 13.93           | 60      |
| Unit 8              | 119.55         | 182     | GHATGHAR                                          | 22.48           | 125     |
| <b>Total</b>        | <b>271.76</b>  |         | <b>Total</b>                                      | <b>86.17</b>    |         |
| <b>Chandrapur</b>   |                |         | <b>Wind</b>                                       |                 |         |
| Unit 3              | 8.28           | 188     | Total                                             | 323.72          |         |
| Unit 4              | 10.22          | 187     | <b>Total</b>                                      | <b>323.72</b>   |         |
| Unit 5              | 179.51         | 470     | <b>CPP</b>                                        |                 |         |
| Unit 6              | 244.01         | 400     | APML(Mus)                                         | 1526.83         |         |
| Unit 7              | 301.95         | 465     | JSWEL(Mus)                                        | 520.15          |         |
| Unit 8              | 143.56         | 465     | VIPL(Mus)                                         | 356.71          |         |
| Unit 9              | 301.24         | 469     | RPLAMT(Mus)                                       | 253.27          |         |
| <b>Total</b>        | <b>1188.77</b> |         | WPCL(Mus)                                         | 127.06          |         |
| <b>Paras</b>        |                |         | Other(Mus)                                        | 411.44          |         |
| Unit 3              | 0.00           | 0       | <b>Total</b>                                      | <b>3195.46</b>  |         |
| Unit 4              | 149.23         | 260     | <b>SOLAR</b>                                      |                 |         |
| <b>Total</b>        | <b>149.23</b>  |         | Total                                             | 91.40           |         |
| <b>Khaparkheda</b>  |                |         | <b>Total</b>                                      | <b>91.40</b>    |         |
| Unit 1              | 49.07          | 170     | <b>Tata</b>                                       |                 |         |
| Unit 2              | 117.28         | 190     | Trombay 5                                         | 246.06          | 491     |
| Unit 3              | 0.00           | 0       | Trombay 6                                         | 0.00            | 0       |
| Unit 4              | 60.02          | 180     | Trombay 7A                                        | 74.74           | 117     |
| Unit 5              | 301.04         | 500     | Trombay 7B                                        | 46.20           | 69      |
| <b>Total</b>        | <b>527.41</b>  |         | Trombay 8                                         | 90.96           | 249     |
| <b>Nasik</b>        |                |         | TATA Hydro                                        | 130.21          | 459     |
| Unit 3              | 104.49         | 203     | <b>Total</b>                                      | <b>588.17</b>   |         |
| Unit 4              | 83.23          | 202     | <b>R-INFRA</b>                                    |                 |         |
| Unit 5              | 49.55          | 200     | DTPS U-1&2                                        | 282.66          | 506     |
| <b>Total</b>        | <b>237.28</b>  |         | <b>Total</b>                                      | <b>282.66</b>   |         |
| <b>Uran</b>         |                |         | <b>Central Sector receipt Including Bilateral</b> |                 |         |
| All Units           | 305.35         | 535     |                                                   | <b>4002.294</b> |         |
| <b>Total</b>        | <b>305.35</b>  |         |                                                   |                 |         |
| <b>PGPL</b>         |                |         |                                                   |                 |         |
| Unit 1              | 0.00           | 0       |                                                   |                 |         |
| Unit 2              | 0.00           | 0       |                                                   |                 |         |
| <b>Total</b>        | <b>0.00</b>    |         |                                                   |                 |         |
| <b>PENCH (MS)</b>   |                |         |                                                   |                 |         |

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD.**
**STATE LOAD DESPATCH CENTRE, KALWA**


Office of The Chief Engineer  
State Load Dispatch Center  
Thane-Belapur Road, P.O. Airoli,  
Navi Mumbai Pin - 400 708


**Fax Message**
**Page 2**

1/JAN/2018

To : 1) CE(CEA) New Delhi 2) MS WRPC 3) DGM WRLDC, POSOCO Andheri Mumbai,

Fax No. : 011-26170385, 011-26107416, 011-26108834, 28370193

**Sub : Monthly Report for DEC 2017**

| Particulars                                   | Gen/ Req. (Mus)  |
|-----------------------------------------------|------------------|
| Total Thermal Generation                      | 4300.147         |
| Total Hydro Generation                        | 301.683          |
| Total Gas Generation                          | 426.297          |
| Total Wind Generation                         | 323.724          |
| <b>Total State Generation</b>                 | <b>8638.714</b>  |
| <b>InterState Exchanges</b>                   |                  |
| GEB                                           | 18.886           |
| MPEB                                          | 395.529          |
| TAPS (MS)                                     | 0.000            |
| GOA                                           | -27.940          |
| PENCH (Excess)                                | 0.000            |
| <b>Net InterState Exchanges</b>               | <b>4002.294</b>  |
| <b>Restricted Energy Requirement (Gross)</b>  | <b>12641.009</b> |
| <b>Restricted Energy Requirement (Ex-Bus)</b> | <b>12284.688</b> |
| <b>Bilateral Power Purchases</b>              |                  |
| IMPORT                                        | 540.915          |
| EXPORT                                        | -21.538          |
| PX                                            | 19.638           |
| INTRA                                         | 391.152          |
| <b>Total Bilateral Purchase by MSEDCL</b>     | <b>930.167</b>   |
| <b>Total Auxiliary Consumption</b>            | <b>356.321</b>   |
| <b>MSPGCL Total</b>                           | <b>300.198</b>   |
| Thermal                                       | 290.711          |
| Hydro                                         | 1.286            |
| Gas                                           | 8.201            |
| <b>TPCL Total</b>                             | <b>28.090</b>    |
| Thermal                                       | 22.646           |
| Hydro                                         | 2.077            |
| Gas                                           | 3.367            |
| <b>R-INFRA</b>                                | <b>28.033</b>    |

**MAXIMUM UNRESTRICTED & CATERED DEMAND DURING THE MONTH**

| Particulars                  | Demand (MW) | Time (Hrs) | Date     | Frequency (Hz) |
|------------------------------|-------------|------------|----------|----------------|
| Unrestricted Demand (Gross)  | 20416       | 12         | 26-12-17 | 49.98          |
| Unrestricted Demand (Ex-Bus) | 19754       | 12         | 26-12-17 | 49.98          |
| Catered Demand (Gross)       | 20402       | 12         | 26-12-17 | 49.98          |
| Catered Demand (Ex-Bus)      | 19740       | 12         | 26-12-17 | 49.98          |

**Breakup of Unrestricted Demand in (MW)**

| Unrestricted Demand | Catered Demand | Load Shedding | Frequency Corr. | Stag. Effect |
|---------------------|----------------|---------------|-----------------|--------------|
| 20416               | 20402          | 0             | 14.28           | 0            |

**Thermal+Gas+IPP & Hydro+Wind+Solar Generation During the Peak (MW)**

|                                             |       |
|---------------------------------------------|-------|
| Thermal+Gas+IPP Generation During the Peak  | 12294 |
| Hydro+Wind+Solar Generation During the Peak | 1509  |

**StateWise Demand & Koyna Lake Level During the month**

| Particulars             | Demand (MW) | Time (Hrs) | Date       | Frequency (Hz) |
|-------------------------|-------------|------------|------------|----------------|
| Maximum Demand          | 20402       | 12 Hrs     | 26-12-2017 | 49.98          |
| Minimum Demand          | 12875       | 1 Hrs      | 06-12-2017 | 50.03          |
| Koyna Lake Level in Ft. | 1/JAN/2018  | 2154.4     | 1/JAN/2017 | 2154.7         |

**Chief Engineer(LD), Kalwa**