

**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**

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1/MAY/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

**Monthly Report Apr-2018**

| Power Station/ Unit | Monthly Gen   | Max Gen | Power Station/ Unit                               | Monthly Gen     | Max Gen |
|---------------------|---------------|---------|---------------------------------------------------|-----------------|---------|
| <b>Koradi</b>       |               |         | Pench (MS)                                        | 2.07            | 50      |
| Unit 6              | 0.00          | 0       | <b>Total</b>                                      | <b>2.07</b>     |         |
| Unit 7              | 0.00          | 0       | <b>Koyna</b>                                      |                 |         |
| Unit 8              | 229.55        | 504     | Stage 1-2                                         | 134.00          | 565     |
| Unit 9              | 291.70        | 590     | Stage 4                                           | 217.45          | 1018    |
| Unit 10             | 286.91        | 660     | Stage 3                                           | 76.72           | 320     |
| <b>Total</b>        | <b>808.16</b> |         | <b>Total</b>                                      | <b>428.18</b>   |         |
| <b>Bhusawal</b>     |               |         | <b>Hydro</b>                                      |                 |         |
| Unit 3              | 129.14        | 200     | KDPH                                              | 25.81           | 36      |
| Unit 4              | 332.26        | 500     | VTRNA                                             | 27.13           | 61      |
| Unit 5              | 337.38        | 500     | TILLARI                                           | 11.48           | 62      |
| <b>Total</b>        | <b>798.79</b> |         | BHTGR/VEER                                        | 0.00            | 0       |
| <b>Parli</b>        |               |         | BHIRA T.R.                                        | 7.49            | 81      |
| Unit 4              | 0.00          | 0       | RNGR+BHTSA                                        | 8.54            | 14      |
| Unit 5              | 0.00          | 0       | BHANDARDRA                                        | 14.66           | 41      |
| Unit 6              | 153.37        | 250     | ELDARY                                            | 0.00            | 0       |
| Unit 7              | 159.08        | 256     | SMLHY PTN                                         | 17.18           | 56      |
| Unit 8              | 124.26        | 242     | GHATGHAR                                          | 11.09           | 250     |
| <b>Total</b>        | <b>436.71</b> |         | <b>Total</b>                                      | <b>123.39</b>   |         |
| <b>Chandrapur</b>   |               |         | <b>Wind</b>                                       |                 |         |
| Unit 3              | 0.00          | 0       | Total                                             | 403.48          |         |
| Unit 4              | 0.00          | 0       | <b>Total</b>                                      | <b>403.48</b>   |         |
| Unit 5              | 98.72         | 470     | <b>CPP</b>                                        |                 |         |
| Unit 6              | 0.00          | 0       | APML(Mus)                                         | 1354.02         |         |
| Unit 7              | 318.03        | 460     | JSWEL(Mus)                                        | 690.00          |         |
| Unit 8              | 239.16        | 470     | VIPL(Mus)                                         | 183.68          |         |
| Unit 9              | 277.30        | 490     | RPLAMT(Mus)                                       | 733.49          |         |
| <b>Total</b>        | <b>933.21</b> |         | WPCL(Mus)                                         | 150.95          |         |
| <b>Paras</b>        |               |         | Other(Mus)                                        | 365.02          |         |
| Unit 3              | 172.18        | 255     | <b>Total</b>                                      | <b>3477.16</b>  |         |
| Unit 4              | 131.14        | 256     | <b>SOLAR</b>                                      |                 |         |
| <b>Total</b>        | <b>303.32</b> |         | Total                                             | 173.86          |         |
| <b>Khaparkheda</b>  |               |         | <b>Total</b>                                      | <b>173.86</b>   |         |
| Unit 1              | 102.60        | 180     | <b>Tata</b>                                       |                 |         |
| Unit 2              | 129.92        | 200     | Trombay 5                                         | 312.03          | 490     |
| Unit 3              | 98.88         | 205     | Trombay 6                                         | 0.00            | 0       |
| Unit 4              | 134.26        | 213     | Trombay 7A                                        | 76.86           | 120     |
| Unit 5              | 317.39        | 505     | Trombay 7B                                        | 45.69           | 68      |
| <b>Total</b>        | <b>783.06</b> |         | Trombay 8                                         | 158.53          | 243     |
| <b>Nasik</b>        |               |         | TATA Hydro                                        | 135.19          | 459     |
| Unit 3              | 41.67         | 200     | <b>Total</b>                                      | <b>728.30</b>   |         |
| Unit 4              | 69.04         | 195     | <b>R-INFRA</b>                                    |                 |         |
| Unit 5              | 130.03        | 202     | DTPS U-1&2                                        | 339.38          | 503     |
| <b>Total</b>        | <b>240.74</b> |         | <b>Total</b>                                      | <b>339.38</b>   |         |
| <b>Uran</b>         |               |         | <b>Central Sector receipt Including Bilateral</b> |                 |         |
| All Units           | 295.47        | 470     |                                                   | <b>4435.941</b> |         |
| <b>Total</b>        | <b>295.47</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>   |               |         |                                                   |                 |         |

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Sub : Monthly Report for APR 2018

| Particulars                                   | Gen/ Req. (Mus)  |
|-----------------------------------------------|------------------|
| Total Thermal Generation                      | 5113.942         |
| Total Hydro Generation                        | 686.757          |
| Total Gas Generation                          | 418.015          |
| Total Wind Generation                         | 403.485          |
| <b>Total State Generation</b>                 | <b>10273.223</b> |
| <b>InterState Exchanges</b>                   |                  |
| GEB                                           | -70.628          |
| MPEB                                          | 505.894          |
| TAPS (MS)                                     | 0.000            |
| GOA                                           | -15.444          |
| PENCH (Excess)                                | 0.000            |
| <b>Net InterState Exchanges</b>               | <b>4435.941</b>  |
| <b>Restricted Energy Requirement (Gross)</b>  | <b>14709.176</b> |
| <b>Restricted Energy Requirement (Ex-Bus)</b> | <b>14301.131</b> |
| <b>Bilateral Power Purchases</b>              |                  |
| IMPORT                                        | 327.459          |
| EXPORT                                        | -14.264          |
| PX                                            | 72.718           |
| INTRA                                         | 663.707          |
| <b>Total Bilateral Purchase by MSEDCL</b>     | <b>1049.621</b>  |
| <b>Total Auxiliary Consumption</b>            | <b>408.045</b>   |
| <b>MSPGCL Total</b>                           | <b>344.241</b>   |
| Thermal                                       | 331.916          |
| Hydro                                         | 4.136            |
| Gas                                           | 8.189            |
| <b>TPCL Total</b>                             | <b>31.957</b>    |
| Thermal                                       | 26.708           |
| Hydro                                         | 2.021            |
| Gas                                           | 3.228            |
| <b>R-INFRA</b>                                | <b>31.847</b>    |

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

| Particulars                  | Demand (MW) | Time (Hrs) | Date     | Frequency (Hz) |
|------------------------------|-------------|------------|----------|----------------|
| Unrestricted Demand (Gross)  | 23775       | 17         | 23-04-18 | 49.93          |
| Unrestricted Demand (Ex-Bus) | 23002       | 17         | 23-04-18 | 49.93          |
| Catered Demand (Gross)       | 23717       | 17         | 23-04-18 | 49.93          |
| Catered Demand (Ex-Bus)      | 22944       | 17         | 23-04-18 | 49.93          |

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

| Unrestricted Demand | Catered Demand | Load Shedding | Frequency Corr. | Stag. Effect |
|---------------------|----------------|---------------|-----------------|--------------|
| 23775               | 23717          | 0             | 58.11           | 0            |

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

Thermal+Gas+Solar Generation During the Peak 13928

Hydro+Wind+Solar Generation During the Peak 3044

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

| Particulars             | Demand (MW) | Time (Hrs) | Date       | Frequency (Hz) |
|-------------------------|-------------|------------|------------|----------------|
| Maximum Demand          | 23717       | 17 Hrs     | 23-04-2018 | 49.93          |
| Minimum Demand          | 17373       | 22 Hrs     | 08-04-2018 | 49.96          |
| Koyna Lake Level in Ft. | 1/MAY/2018  | 2106.2     | 1/MAY/2017 | 2072.3         |

Chief Engineer(LD), Kalwa