

**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



To : MS WRPC, DGM WRLDC, PGCIL Andheri Mumbai, CE(CEA) New Delhi.

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**Fax Message**
**Page 1**

1/OCT/2015

**Sub : Monthly Report for SEPT 2015**

| Power Station/ Unit | Monthly Gen   | Max Gen | Power Station/ Unit           | Monthly Gen     | Max Gen |
|---------------------|---------------|---------|-------------------------------|-----------------|---------|
| <b>Koradi</b>       |               |         | Stage 3                       | 39.44           | 320     |
| Unit 5              | 82.57         | 160     | <b>Total</b>                  | <b>202.50</b>   |         |
| Unit 6              |               |         | <b>Hydro</b>                  |                 |         |
| Unit 7              | 95.70         | 180     | KDPH                          | 9.76            | 37      |
| <b>Total</b>        | <b>178.28</b> |         | VTRNA                         | 0.31            | 61      |
| <b>Bhusawal</b>     |               |         | TILLARI                       | 0.11            | 58      |
| Unit 2              |               |         | BHTGR/VEER                    | 0.00            | 0       |
| Unit 3              | 121.40        | 180     | BHIRA T.R.                    | 4.98            | 81      |
| Unit 4              | 274.22        | 500     | RNGR+BHTSA                    | 2.02            | 15      |
| Unit 5              | 227.18        | 510     | BHANDARDRA                    | 9.52            | 41      |
| <b>Total</b>        | <b>622.80</b> |         | ELDARY                        | 0.00            | 0       |
| <b>Parli</b>        |               |         | SMLHY PTN                     | 8.80            | 56      |
| Unit 3              | 0.00          | 0       | GHATGHAR                      | 28.57           | 250     |
| Unit 4              | 0.00          | 0       | <b>Total</b>                  | <b>64.08</b>    |         |
| Unit 5              | 0.00          | 0       | <b>Wind</b>                   |                 |         |
| Unit 6              | 0.00          | 0       | Total                         | 362.81          |         |
| Unit 7              | 0.00          | 0       | <b>Total</b>                  | <b>362.81</b>   |         |
| <b>Total</b>        | <b>0.00</b>   |         | <b>CPP</b>                    |                 |         |
| <b>Chandrapur</b>   |               |         | APML(Mus)                     | 1464.76         |         |
| Unit 1              |               |         | JSWEL(Mus)                    | 828.98          |         |
| Unit 2              | 82.72         | 154     | VIPL(Mus)                     | 331.10          |         |
| Unit 3              | 119.10        | 208     | RPLAMT(Mus)                   | 588.63          |         |
| Unit 4              | 12.45         | 200     | WPCL(Mus)                     | 120.52          |         |
| Unit 5              | 223.69        | 425     | Other(Mus)                    | 65.95           |         |
| Unit 6              | 255.67        | 461     | <b>Total</b>                  | <b>3399.95</b>  |         |
| Unit 7              | 251.29        | 432     | <b>SOLAR</b>                  |                 |         |
| <b>Total</b>        | <b>944.93</b> |         | Total                         | 31.38           |         |
| <b>Paras</b>        |               |         | <b>Total</b>                  | <b>31.38</b>    |         |
| Unit 3              | 136.51        | 231     | <b>Tata</b>                   |                 |         |
| Unit 4              | 145.36        | 257     | Trombay 5                     | 319.47          | 495     |
| <b>Total</b>        | <b>281.87</b> |         | Trombay 6                     | 0.00            | 0       |
| <b>Khaparkheda</b>  |               |         | Trombay 7A                    | 72.45           | 127     |
| Unit 1              | 81.82         | 180     | Trombay 7B                    | 35.36           | 71      |
| Unit 2              | 101.20        | 180     | Trombay 8                     | 171.32          | 253     |
| Unit 3              | 106.51        | 187     | TATA Hydro                    | 52.58           | 376     |
| Unit 4              | 105.86        | 181     | <b>Total</b>                  | <b>651.19</b>   |         |
| Unit 5              | 249.71        | 480     | <b>R-INFRA</b>                |                 |         |
| <b>Total</b>        | <b>645.12</b> |         | 1-2                           | 347.34          | 521     |
| <b>Nasik</b>        |               |         | <b>Total</b>                  | <b>347.34</b>   |         |
| Unit 3              | 112.36        | 200     | <b>Central Sector receipt</b> | <b>3196.431</b> |         |
| Unit 4              | 118.11        | 205     | <b>Including Bilateral</b>    |                 |         |
| Unit 5              | 130.26        | 205     |                               |                 |         |
| <b>Total</b>        | <b>360.73</b> |         |                               |                 |         |
| <b>Uran</b>         |               |         |                               |                 |         |
| All Units           | 231.52        | 454     |                               |                 |         |
| <b>Total</b>        | <b>231.52</b> |         |                               |                 |         |
| <b>PENCH (MS)</b>   |               |         |                               |                 |         |
| Pench (MS)          | 20.33         | 60      |                               |                 |         |
| <b>Total</b>        | <b>20.33</b>  |         |                               |                 |         |
| <b>Koyna</b>        |               |         |                               |                 |         |
| Stage 1-2           | 95.00         | 560     |                               |                 |         |
| Stage 4             | 68.07         | 1008    |                               |                 |         |

| Particulars                                  | Gen/ Req. (Mus)  |
|----------------------------------------------|------------------|
| Total Thermal Generation                     | 3871.855         |
| Total Hydro Generation                       | 319.166          |
| Total Gas Generation                         | 339.330          |
| Total Wind Generation                        | 362.811          |
| <b>Total State Generation</b>                | <b>8324.494</b>  |
| <b>InterState Exchanges</b>                  |                  |
| GEB                                          | 124.085          |
| MPEB                                         | 295.835          |
| TAPS (MS)                                    | 111.561          |
| GOA                                          | -216.381         |
| PENCH (Excess)                               | -20.332          |
| <b>Net InterState Exchanges</b>              | <b>3196.431</b>  |
| <b>Restricted Energy Requirement(Gross)</b>  | <b>11520.885</b> |
| <b>Restricted Energy Requirement(Ex-Bus)</b> | <b>11167.417</b> |
| <b>Bilateral Power Purchases</b>             |                  |
| IMPORT                                       | 230.633          |
| EXPORT                                       | -3.995           |
| PX                                           | -53.230          |
| INTRA                                        | 600.067          |
| <b>Total Bilateral Purchase by MSedCL</b>    | <b>773.475</b>   |
| <b>Total Auxiliary Consumption</b>           | <b>353.468</b>   |
| <b>MSPGCL Total</b>                          | <b>286.746</b>   |
| Thermal                                      | 278.776          |
| Hydro                                        | 1.999            |
| Gas                                          | 5.971            |
| <b>TPCL Total</b>                            | <b>35.852</b>    |
| Thermal                                      | 30.637           |
| Hydro                                        | 2.692            |
| Gas                                          | 2.523            |
| <b>R-INFRA</b>                               | <b>30.870</b>    |

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

| Particulars                 | Demand (MW) | Time (Hrs) | Date       | Frequency (Hz) |
|-----------------------------|-------------|------------|------------|----------------|
| Unrestricted Demand(Gross)  | 19736       | 12         | 29/09/2015 | 49.92          |
| Unrestricted Demand(Ex-Bus) | 19177       | 12         | 29/09/2015 | 49.92          |
| Catered Demand(Gross)       | 19473       | 12         | 30/09/2015 | 49.89          |
| Catered Demand(Ex-Bus)      | 18868       | 12         | 30/09/2015 | 49.89          |

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

| Unrestricted Demand | Catered Demand | Load Shedding | Frequency Corr. | Stag. Effect |
|---------------------|----------------|---------------|-----------------|--------------|
| 19736               | 19473          | 208           | 54.52           | 0            |

#### Thermal+Gas+CPP & Hydro+Wind Generation During the Peak (MW)

Thermal+Gas+CPP Generation During the Peak 10964

Hydro+Wind+ Solar Generation During the Peak 2074

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

| Particulars             | Demand (MW) | Time (Hrs) | Date       | Frequency (Hz) |
|-------------------------|-------------|------------|------------|----------------|
| Maximum Demand          | 19681       | 12 Hrs     | 29/09/2015 | 49.92          |
| Minimum Demand          | 11088       | 4 Hrs      | 18/09/2015 | 49.92          |
| Koyna Lake Level in Ft. | 1/OCT/2015  | 2140.6     | 1/OCT/2014 | 2160           |

Chief Engineer(LD), Kalwa