

Sub : Monthly Report for MAY 2014

| Power Station/ Unit | Monthly Gen    | Max Gen |
|---------------------|----------------|---------|
| <b>Koradi</b>       |                |         |
| Unit 5              | 0.00           | 0       |
| Unit 6              | 101.04         | 175     |
| Unit 7              | 98.09          | 207     |
| <b>Total</b>        | <b>199.14</b>  |         |
| <b>Bhusawal</b>     |                |         |
| Unit 2              | 90.24          | 170     |
| Unit 3              | 83.09          | 165     |
| Unit 4              | 260.01         | 500     |
| Unit 5              | 213.83         | 430     |
| <b>Total</b>        | <b>647.16</b>  |         |
| <b>Parli</b>        |                |         |
| Unit 3              | 0.00           | 0       |
| Unit 4              | 47.08          | 178     |
| Unit 5              | 97.58          | 172     |
| Unit 6              | 144.02         | 250     |
| Unit 7              | 116.56         | 250     |
| <b>Total</b>        | <b>405.24</b>  |         |
| <b>Chandrapur</b>   |                |         |
| Unit 1              | 101.41         | 148     |
| Unit 2              | 101.02         | 171     |
| Unit 3              | 51.76          | 188     |
| Unit 4              | 136.70         | 210     |
| Unit 5              | 222.21         | 467     |
| Unit 6              | 274.89         | 425     |
| Unit 7              | 260.38         | 419     |
| <b>Total</b>        | <b>1148.36</b> |         |
| <b>Paras</b>        |                |         |
| Unit 3              | 126.18         | 242     |
| Unit 4              | 148.22         | 257     |
| <b>Total</b>        | <b>274.40</b>  |         |
| <b>Khaparkheda</b>  |                |         |
| Unit 1              | 109.48         | 190     |
| Unit 2              | 80.92          | 190     |
| Unit 3              | 105.26         | 214     |
| Unit 4              | 108.82         | 210     |
| Unit 5              | 263.71         | 502     |
| <b>Total</b>        | <b>668.19</b>  |         |
| <b>Nasik</b>        |                |         |
| Unit 3              | 124.74         | 200     |
| Unit 4              | 128.74         | 199     |
| Unit 5              | 102.54         | 202     |
| <b>Total</b>        | <b>356.03</b>  |         |
| <b>Uran</b>         |                |         |
| All Units           | 390.52         | 620     |
| <b>Total</b>        | <b>390.52</b>  |         |
| <b>PENCH (MS)</b>   |                |         |
| Pench (MS)          | 5.83           | 54      |
| <b>Total</b>        | <b>5.83</b>    |         |
| <b>Kovna</b>        |                |         |

| Power Station/ Unit | Monthly Gen    | Max Gen |
|---------------------|----------------|---------|
| Stage 3             | 54.46          | 320     |
| <b>Total</b>        | <b>293.26</b>  |         |
| <b>Hydro</b>        |                |         |
| KDPH                | 8.61           | 25      |
| VTRNA               | 35.05          | 61      |
| TILLARI             | 14.01          | 65      |
| BHTGR/VEER          | 1.37           | 8       |
| BHIRA T.R.          | 8.44           | 41      |
| RNGR+BHTSA          | 7.25           | 13      |
| BHANDARDRA          | 9.59           | 34      |
| ELDARY              | 2.96           | 15      |
| SMLHY PTN           | 18.36          | 39      |
| GHATGHAR            | 28.03          | 258     |
| <b>Total</b>        | <b>133.68</b>  |         |
| <b>Wind</b>         |                |         |
| MalharPeth          | 7.35           |         |
| Vankuswadi          | 15.87          |         |
| ATIT                | 1.78           |         |
| Kale                | 4.31           |         |
| Satara              | 136.11         |         |
| Shirala             | 7.98           |         |
| K Mahankal          | 1.02           |         |
| Supa                | 4.34           |         |
| Vita                | 34.70          |         |
| Dondaicha           | 146.87         |         |
| Sakri               | 19.60          |         |
| Nandurbar           | 14.10          |         |
| Khandke             | 9.48           |         |
| Khaparale           | 17.99          |         |
| <b>Total</b>        | <b>421.51</b>  |         |
| <b>CPP</b>          |                |         |
| JSW JAIGAD          | 666.12         | 1219    |
| WARDHA              | 82.93          | 124     |
| Adani               | 1213.56        | 1890    |
| Other CPPs          | 691.44         |         |
| <b>Total</b>        | <b>2654.05</b> |         |
| <b>SOLAR</b>        |                |         |
| Total               | 31.66          |         |
| <b>Total</b>        | <b>31.66</b>   |         |
| <b>Tata</b>         |                |         |
| Trombay 4           | 0.00           | 0       |
| Trombay 5           | 327.82         | 502     |
| Trombay 6           | 121.29         | 328     |
| Trombay 7A          | 82.99          | 127     |
| Trombay 7B          | 48.36          | 70      |
| Trombay 8           | 0.00           | 0       |
| TATA Hydro          | 132.68         | 471     |
| <b>Total</b>        | <b>713.15</b>  |         |
| <b>REL</b>          |                |         |
| 1&2                 | 380.03         | 524     |
| <b>Total</b>        | <b>380.03</b>  |         |

| Particulars                                   | Gen/ Req. (Mus)  |
|-----------------------------------------------|------------------|
| Total Thermal Generation                      | 4659.020         |
| Total Hydro Generation                        | 565.464          |
| Total Gas Generation                          | 390.524          |
| Total Wind Generation                         | 421.507          |
| <b>Total State Generation</b>                 | <b>8722.220</b>  |
| <b>InterState Exchanges</b>                   |                  |
| GEB                                           | 211.542          |
| MPEB                                          | 628.311          |
| TAPS (MS)                                     | 229.173          |
| GOA                                           | -216.597         |
| PENCH (Excess)                                | -5.833           |
| <b>Net InterState Exchanges</b>               | <b>3883.161</b>  |
| <b>Restricted Energy Requirement</b>          | <b>12605.348</b> |
| <b>Restricted Energy Requirement (Ex-Bus)</b> | <b>12165.518</b> |
| <b>Bilateral Power Purchases</b>              |                  |
| IMPORT                                        | 274.338          |
| EXPORT                                        | -0.239           |
| PX                                            | 120.732          |
| INTRA                                         | 448.631          |
| <b>Total Bilateral Purchase by MSEDCL</b>     | <b>843.461</b>   |
| <b>Total Auxiliary Consumption</b>            | <b>439.830</b>   |
| <b>MSPGCL Total</b>                           | <b>374.174</b>   |
| Thermal                                       | 363.072          |
| Hydro                                         | 2.199            |
| Gas                                           | 8.903            |
| <b>TPCL Total</b>                             | <b>32.058</b>    |
| Thermal                                       | 25.916           |
| Hydro                                         | 3.156            |
| Gas                                           | 2.986            |
| <b>REL</b>                                    | <b>33.598</b>    |

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

| Particulars                 | Demand (MW) | Time (Hrs) | Date       | Frequency (Hz) |
|-----------------------------|-------------|------------|------------|----------------|
| Unrestricted Demand(Gross)  | 20137       | 13         | 07/05/2014 | 49.98          |
| Unrestricted Demand(Ex-Bus) | 19452       | 13         | 07/05/2014 | 49.98          |
| Catered Demand(Gross)       | 19326       | 15         | 07/05/2014 | 49.97          |
| Catered Demand(Ex-Bus)      | 18636       | 15         | 07/05/2014 | 49.97          |

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

| Unrestricted Demand | Catered Demand | Load Shedding | Frequency Corr. | Stag. Effect |
|---------------------|----------------|---------------|-----------------|--------------|
| 20137               | 19237          | 887           | 13.47           | 0            |

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

|                                             |       |
|---------------------------------------------|-------|
| Thermal+Gas Generation During the Peak      | 11307 |
| Hydro+Wind+Solar Generation During the Peak | 1212  |

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

| Particulars             | Demand (MW) | Time (Hrs) | Date       | Frequency (Hz) |
|-------------------------|-------------|------------|------------|----------------|
| Maximum Demand          | 20124       | 13 Hrs     | 07/05/2014 | 49.98          |
| Minimum Demand          | 14385       | 19 Hrs     | 01/05/2014 | 50.10          |
| Koyna Lake Level in Ft. | 1/JUN/2014  | 2045.7     | 1/JUN/2013 | 2084.1         |

Chief Engineer(LD), Kalwa