

## Sub : Monthly Report for JUL 2013

| Power Station/ Unit | Monthly Gen   | Max Gen |
|---------------------|---------------|---------|
| <b>Koradi</b>       |               |         |
| Unit 5              | 66.31         | 157     |
| Unit 6              | 74.43         | 158     |
| Unit 7              | 60.78         | 187     |
| <b>Total</b>        | <b>201.52</b> |         |
| <b>Bhusawal</b>     |               |         |
| Unit 2              | 89.66         | 175     |
| Unit 3              | 84.80         | 170     |
| Unit 4              | 157.72        | 360     |
| Unit 5              | 12.40         | 295     |
| <b>Total</b>        | <b>344.58</b> |         |
| <b>Parli</b>        |               |         |
| Unit 3              | 0.00          | 0       |
| Unit 4              | 0.00          | 0       |
| Unit 5              | 0.00          | 0       |
| Unit 6              | 9.87          | 197     |
| Unit 7              | 52.88         | 243     |
| <b>Total</b>        | <b>62.75</b>  |         |
| <b>Chandrapur</b>   |               |         |
| Unit 1              | 88.70         | 158     |
| Unit 2              | 78.32         | 163     |
| Unit 3              | 63.40         | 192     |
| Unit 4              | 0.00          | 0       |
| Unit 5              | 67.99         | 270     |
| Unit 6              | 91.97         | 340     |
| Unit 7              | 112.42        | 307     |
| <b>Total</b>        | <b>502.80</b> |         |
| <b>Paras</b>        |               |         |
| Unit 3              | 117.19        | 237     |
| Unit 4              | 127.22        | 235     |
| <b>Total</b>        | <b>244.41</b> |         |
| <b>Khaparkheda</b>  |               |         |
| Unit 1              | 63.30         | 180     |
| Unit 2              | 82.02         | 180     |
| Unit 3              | 94.65         | 203     |
| Unit 4              | 114.50        | 208     |
| Unit 5              | 179.92        | 444     |
| <b>Total</b>        | <b>534.40</b> |         |
| <b>Nasik</b>        |               |         |
| Unit 3              | 127.97        | 200     |
| Unit 4              | 25.26         | 185     |
| Unit 5              | 114.79        | 197     |
| <b>Total</b>        | <b>268.02</b> |         |
| <b>Uran</b>         |               |         |
| All Units           | 302.27        | 479     |
| <b>Total</b>        | <b>302.27</b> |         |
| <b>PENCH (MS)</b>   |               |         |
| Pench (MS)          | 10.72         | 27      |
| <b>Total</b>        | <b>10.72</b>  |         |
| <b>Koyna</b>        |               |         |
| Stage 1-2           | 100.36        | 585     |
| Stage 4             | 72.60         | 926     |

| Power Station/ Unit | Monthly Gen    | Max Gen |
|---------------------|----------------|---------|
| Stage 3             | 68.82          | 240     |
| <b>Total</b>        | <b>241.79</b>  |         |
| <b>Hydro</b>        |                |         |
| KDPH                | 13.33          | 37      |
| VTRNA               | 9.72           | 61      |
| TILLARI             | 12.55          | 60      |
| BHTGR/VEER          | 3.23           | 9       |
| BHIRA T.R.          | 13.03          | 82      |
| RNGR+BHTSA          | 5.32           | 20      |
| BHANDARDRA          | 12.52          | 47      |
| ELDARY              | 0.00           | 0       |
| SMLHY PTN           | 23.73          | 58      |
| GHATGHAR            | 27.26          | 251     |
| <b>Total</b>        | <b>120.68</b>  |         |
| <b>Wind</b>         |                |         |
| MalharPeth          | 41.71          |         |
| Vankuswadi          | 60.10          |         |
| ATIT                | 14.52          |         |
| Kale                | 24.92          |         |
| Satara              | 244.83         |         |
| Shirala             | 23.40          |         |
| K Mahankal          | 9.20           |         |
| Supa                | 9.97           |         |
| Vita                | 105.33         |         |
| Dondaicha           | 204.03         |         |
| Sakri               | 32.52          |         |
| Nandurbar           | 18.75          |         |
| Khandke             | 42.03          |         |
| Khaparale           | 37.64          |         |
| <b>Total</b>        | <b>868.95</b>  |         |
| <b>CPP</b>          |                |         |
| JSW JAIGAD          | 681.06         | 1167    |
| WARDHA              | 221.66         | 376     |
| Adani               | 726.50         | 1420    |
| Other CPPs          | 212.01         |         |
| <b>Total</b>        | <b>1841.23</b> |         |
| <b>Tata</b>         |                |         |
| Trombay 4           | 0.00           | 0       |
| Trombay 5           | 276.16         | 504     |
| Trombay 6           | 67.70          | 202     |
| Trombay 7A          | 78.19          | 126     |
| Trombay 7B          | 43.15          | 69      |
| Trombay 8           | 158.37         | 255     |
| TATA Hydro          | 182.57         | 471     |
| <b>Total</b>        | <b>806.14</b>  |         |
| <b>REL</b>          |                |         |
| 1&2                 | 334.90         | 528     |
| <b>Total</b>        | <b>334.90</b>  |         |

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| Particulars                                   | Gen/ Req. (Mus) |
|-----------------------------------------------|-----------------|
| Total Thermal Generation                      | 3116.949        |
| Total Hydro Generation                        | 555.758         |
| Total Gas Generation                          | 302.267         |
| Total Wind Generation                         | 868.954         |
| <b>Total State Generation</b>                 | <b>5984.279</b> |
| <b>InterState Exchanges</b>                   |                 |
| GEB                                           | 312.679         |
| MPEB                                          | 504.190         |
| TAPS (MS)                                     | 121.602         |
| GOA                                           | -139.680        |
| PENCH (Excess)                                | -10.721         |
| <b>Net InterState Exchanges</b>               | <b>2707.103</b> |
| <b>Restricted Energy Requirement (GROSS)</b>  | <b>9392.206</b> |
| <b>Restricted Energy Requirement (EX-BUS)</b> | <b>9036.298</b> |
| <b>Bilateral Power Purchases</b>              |                 |
| IMPORT                                        | 35.207          |
| EXPORT                                        | -2.190          |
| PX                                            | -155.030        |
| INTRA                                         | 781.264         |
| <b>Total Bilateral Purchase by MSEDCL</b>     | <b>659.251</b>  |
| <b>Total Auxiliary Consumption</b>            | <b>355.908</b>  |
| <b>MSPGCL Total</b>                           | <b>283.280</b>  |
| Thermal                                       | 274.380         |
| Hydro                                         | 1.813           |
| Gas                                           | 7.087           |
| <b>TPCL Total</b>                             | <b>41.626</b>   |
| Thermal                                       | 32.150          |
| Hydro                                         | 5.451           |
| Gas                                           | 4.025           |
| <b>REL</b>                                    | <b>31.002</b>   |

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

| Particulars                 | Demand (MW) | Time (Hrs) | Date       | Frequency (Hz) |
|-----------------------------|-------------|------------|------------|----------------|
| Unrestricted Demand(GROSS)  | 15040       | 11         | 02/07/2013 | 49.87          |
| Unrestricted Demand(EX-BUS) | 14544       | 11         | 02/07/2013 | 49.87          |
| Catered Demand(GROSS)       | 14919       | 11         | 02/07/2013 | 49.87          |
| Catered Demand(EX-BUS)      | 14423       | 11         | 02/07/2013 | 49.87          |

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

| Unrestricted Demand | Catered Demand | Load Shedding | Frequency Corr. | Stag. Effect |
|---------------------|----------------|---------------|-----------------|--------------|
| 15040               | 14919          | 53            | 68              | 0            |

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

Thermal+Gas Generation During the Peak 5775

Hydro+Wind Generation During the Peak 4272

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

| Particulars             | Demand (MW) | Time (Hrs) | Date       | Frequency (Hz) |
|-------------------------|-------------|------------|------------|----------------|
| Maximum Demand          | 14972       | 11 Hrs     | 02/07/2013 | 49.87          |
| Minimum Demand          | 10494       | 3 Hrs      | 20/07/2013 | 50.19          |
| Koyna Lake Level in Ft. | 1/AUG/2013  | 2150.9     | 1/AUG/2012 | 2108.8         |