

Sub : Monthly Report for AUG 2013

| Power Station/ Unit | Monthly Gen   | Max Gen |
|---------------------|---------------|---------|
| <b>Koradi</b>       |               |         |
| Unit 5              | 67.78         | 169     |
| Unit 6              | 83.99         | 175     |
| Unit 7              | 20.33         | 165     |
| <b>Total</b>        | <b>172.11</b> |         |
| <b>Bhusawal</b>     |               |         |
| Unit 2              | 75.86         | 160     |
| Unit 3              | 62.80         | 160     |
| Unit 4              | 111.78        | 345     |
| Unit 5              | 4.90          | 270     |
| <b>Total</b>        | <b>255.35</b> |         |
| <b>Parli</b>        |               |         |
| Unit 3              | 0.00          | 0       |
| Unit 4              | 9.61          | 152     |
| Unit 5              | 0.00          | 0       |
| Unit 6              | 137.50        | 241     |
| Unit 7              | 136.79        | 250     |
| <b>Total</b>        | <b>283.90</b> |         |
| <b>Chandrapur</b>   |               |         |
| Unit 1              | 62.74         | 148     |
| Unit 2              | 54.86         | 153     |
| Unit 3              | 62.80         | 171     |
| Unit 4              | 47.95         | 193     |
| Unit 5              | 0.00          | 0       |
| Unit 6              | 149.91        | 390     |
| Unit 7              | 192.06        | 396     |
| <b>Total</b>        | <b>570.33</b> |         |
| <b>Paras</b>        |               |         |
| Unit 3              | 120.26        | 244     |
| Unit 4              | 118.04        | 235     |
| <b>Total</b>        | <b>238.30</b> |         |
| <b>Khaparkhedha</b> |               |         |
| Unit 1              | 25.48         | 155     |
| Unit 2              | 81.90         | 180     |
| Unit 3              | 96.02         | 216     |
| Unit 4              | 95.50         | 212     |
| Unit 5              | 149.44        | 450     |
| <b>Total</b>        | <b>448.35</b> |         |
| <b>Nasik</b>        |               |         |
| Unit 3              | 133.52        | 205     |
| Unit 4              | 42.07         | 191     |
| Unit 5              | 131.83        | 204     |
| <b>Total</b>        | <b>307.42</b> |         |
| <b>Uran</b>         |               |         |
| All Units           | 318.28        | 548     |
| <b>Total</b>        | <b>318.28</b> |         |
| <b>PENCH (MS)</b>   |               |         |
| Pench (MS)          | 14.91         | 53      |
| <b>Total</b>        | <b>14.91</b>  |         |
| <b>Koyna</b>        |               |         |
| Stage 1-2           | 107.38        | 565     |
| Stage 4             | 98.29         | 840     |

| Power Station/ Unit | Monthly Gen    | Max Gen |
|---------------------|----------------|---------|
| Stage 3             | 61.39          | 240     |
| <b>Total</b>        | <b>267.07</b>  |         |
| <b>Hydro</b>        |                |         |
| KDPH                | 21.46          | 40      |
| VTRNA               | 28.05          | 61      |
| TILLARI             | 23.23          | 61      |
| BHTGR/VEER          | 4.95           | 10      |
| BHIRA T.R.          | 12.67          | 82      |
| RNGR+BHTSA          | 13.11          | 21      |
| BHANDARDRA          | 15.99          | 41      |
| ELDARY              | 0.00           | 0       |
| SMLHY PTN           | 37.84          | 64      |
| GHATGHAR            | 20.58          | 250     |
| <b>Total</b>        | <b>177.88</b>  |         |
| <b>Wind</b>         |                |         |
| MalharPeth          | 28.34          |         |
| Vankuswadi          | 49.16          |         |
| ATIT                | 6.60           |         |
| Kale                | 17.14          |         |
| Satara              | 185.15         |         |
| Shirala             | 15.38          |         |
| K Mahankal          | 9.92           |         |
| Supa                | 7.48           |         |
| Vita                | 76.10          |         |
| Dondaicha           | 173.11         |         |
| Sakri               | 27.11          |         |
| Nandurbar           | 16.28          |         |
| Khandke             | 30.69          |         |
| Khaparale           | 29.99          |         |
| <b>Total</b>        | <b>672.43</b>  |         |
| <b>CPP</b>          |                |         |
| JSW JAIGAD          | 657.85         | 1104    |
| WARDHA              | 207.14         | 345     |
| Adani               | 742.10         | 1260    |
| Other CPPs          | 207.08         |         |
| <b>Total</b>        | <b>1814.17</b> |         |
| <b>Tata</b>         |                |         |
| Trombay 4           | 0.00           | 0       |
| Trombay 5           | 313.00         | 505     |
| Trombay 6           | 0.00           | 0       |
| Trombay 7A          | 0.00           | 0       |
| Trombay 7B          | 0.00           | 0       |
| Trombay 8           | 166.99         | 255     |
| TATA Hydro          | 166.63         | 471     |
| <b>Total</b>        | <b>646.62</b>  |         |
| <b>REL</b>          |                |         |
| 1&2                 | 355.85         | 527     |
| <b>Total</b>        | <b>355.85</b>  |         |

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| Particulars                                   | Gen/ Req. (Mus) |
|-----------------------------------------------|-----------------|
| Total Thermal Generation                      | 3111.597        |
| Total Hydro Generation                        | 626.490         |
| Total Gas Generation                          | 318.280         |
| Total Wind Generation                         | 672.426         |
| <b>Total State Generation</b>                 | <b>5830.050</b> |
| <b>InterState Exchanges</b>                   |                 |
| GEB                                           | 342.633         |
| MPEB                                          | 603.562         |
| TAPS (MS)                                     | 218.168         |
| GOA                                           | -154.806        |
| PENCH (Excess)                                | -14.914         |
| <b>Net InterState Exchanges</b>               | <b>3080.835</b> |
| <b>Restricted Energy Requirement (Gross)</b>  | <b>9623.565</b> |
| <b>Restricted Energy Requirement (Ex-bus)</b> | <b>9257.391</b> |
| <b>Bilateral Power Purchases</b>              |                 |
| IMPORT                                        | 21.235          |
| EXPORT                                        | -1.005          |
| PX                                            | -51.335         |
| INTRA                                         | 304.764         |
| <b>Total Bilateral Purchase by MSEDCL</b>     | <b>273.659</b>  |
| <b>Total Auxiliary Consumption</b>            | <b>366.174</b>  |
| <b>MSPGCL Total</b>                           | <b>299.127</b>  |
| Thermal                                       | 289.874         |
| Hydro                                         | 2.003           |
| Gas                                           | 7.250           |
| <b>TPCL Total</b>                             | <b>34.993</b>   |
| Thermal                                       | 30.713          |
| Hydro                                         | 3.904           |
| Gas                                           | 0.376           |
| <b>REL</b>                                    | <b>32.054</b>   |

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

| Particulars                 | Demand (MW) | Time (Hrs) | Date       | Frequency (Hz) |
|-----------------------------|-------------|------------|------------|----------------|
| Unrestricted Demand(Gross)  | 16177       | 12         | 28/08/2013 | 50.03          |
| Unrestricted Demand(Ex-bus) | 15706       | 12         | 28/08/2013 | 50.03          |
| Catered Demand(Gross)       | 15619       | 12         | 28/08/2013 | 50.03          |
| Catered Demand(Ex-bus)      | 15148       | 12         | 28/08/2013 | 50.03          |

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

| Unrestricted Demand | Catered Demand | Load Shedding | Frequency Corr. | Stag. Effect |
|---------------------|----------------|---------------|-----------------|--------------|
| 16177               | 15619          | 574           | -16.40          | 0            |

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

Thermal+Gas Generation During the Peak

6891

Hydro+Wind Generation During the Peak

2475

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

| Particulars             | Demand (MW) | Time (Hrs) | Date       | Frequency (Hz) |
|-------------------------|-------------|------------|------------|----------------|
| Maximum Demand          | 16193       | 12 Hrs     | 28/08/2013 | 50.03          |
| Minimum Demand          | 9954        | 3 Hrs      | 02/08/2013 | 50.07          |
| Koyna Lake Level in Ft. | 1/SEP/2013  | 2161.3     | 1/SEP/2012 | 2157.1         |

Chief Engineer(LD), Kalwa