

|                                                                                                                                                               |                   |                                                          |                       |                                            |                   |                       |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------|-----------------------|--------------------------------------------|-------------------|-----------------------|-----------------------|
| <br><b>MAHATRANSCO</b><br>Maharashtra State Electricity Transmission Co. Ltd. |                   | MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD       |                       |                                            |                   |                       |                       |
|                                                                                                                                                               |                   | STATE LOAD DESPATCH CENTRE, KALWA                        |                       |                                            |                   |                       |                       |
|                                                                                                                                                               |                   | Office of The Chief Engineer State Load Despatch Centre  |                       |                                            |                   |                       |                       |
|                                                                                                                                                               |                   | Thane-Belapur Road, P.O. Airoli, Navi Mumbai. PIN-400708 |                       |                                            |                   |                       |                       |
| To : MS WRPC, DGM WRLDC, PGCIL Andheri Mumbai, CE(CEA) New Delhi.                                                                                             |                   |                                                          |                       |                                            | Page 1            |                       |                       |
| Fax No. : 011-26170385, 011-26107416, 011-26108834, 28370193                                                                                                  |                   |                                                          |                       |                                            |                   |                       |                       |
| Monthly Generation Report for August 2021                                                                                                                     |                   |                                                          |                       |                                            |                   |                       |                       |
| Power Station/Unit                                                                                                                                            | Monthly Gen (Mus) | Max Gen (MW)                                             | Auxiliary consumption | Power Station/Unit                         | Monthly Gen (Mus) | Max Gen (MW)          | Auxiliary consumption |
| Koradi                                                                                                                                                        |                   |                                                          |                       | Pench(MS)                                  |                   |                       |                       |
| Unit 6                                                                                                                                                        | 83.00             | 200                                                      | 10.06                 | Koyna                                      |                   |                       |                       |
| Unit 7                                                                                                                                                        | 0.00              | 0                                                        | 0.00                  | Stage 1-2                                  | 91.44             | 510                   | 1.34                  |
| Unit 8                                                                                                                                                        | 336.37            | 646                                                      | 24.95                 | Stage 3                                    | 38.31             | 320                   |                       |
| Unit 9                                                                                                                                                        | 293.36            | 570                                                      | 22.40                 | Stage 4                                    | 49.25             | 1017                  |                       |
| Unit 10                                                                                                                                                       | 320.28            | 570                                                      | 22.28                 | Total                                      | 179               |                       |                       |
| Total                                                                                                                                                         | 1033.01           |                                                          | 79.687                |                                            |                   |                       |                       |
| Bhusawal                                                                                                                                                      |                   |                                                          |                       | Small Hydro                                |                   |                       |                       |
| Unit 3                                                                                                                                                        | 36.10             | 180                                                      | 6.79                  | KDPH                                       | 15.64             | 36                    | 1.7643                |
| Unit 4                                                                                                                                                        | 275.85            | 500                                                      | 17.38                 | VTRNA                                      | 0.60              | 59                    |                       |
| Unit 5                                                                                                                                                        | 304.04            | 500                                                      | 16.913                | TILLARI                                    | 6.22              | 58                    |                       |
| Total                                                                                                                                                         | 615.99            |                                                          | 41.081                | BHTGR/VEER                                 | 0.00              | 0                     |                       |
| Parali                                                                                                                                                        |                   |                                                          |                       | BHIRA T.R                                  | 14.02             | 40                    |                       |
| Unit 4                                                                                                                                                        | 0.00              | 0                                                        | 0.00                  | RNGR+BHTSA                                 | 0                 | 0                     |                       |
| Unit 5                                                                                                                                                        | 0.00              | 0                                                        | 0.00                  | BHANDARDARA                                | 0.00              | 0                     |                       |
| Unit 6                                                                                                                                                        | 80.77             | 250                                                      | 9.91                  | ELDARY                                     | 0.00              | 0                     |                       |
| Unit 7                                                                                                                                                        | 125.53            | 249                                                      | 13.28                 | SMLHY_PTN and small hydro                  | 182.6             | 270                   |                       |
| Unit 8                                                                                                                                                        | 127.53            | 225                                                      | 13.39                 | GHATGHAR                                   | 16.16             | 250                   |                       |
| Total                                                                                                                                                         | 333.83            |                                                          | 36.578                | Total                                      | 235.24            |                       |                       |
| Chandrapur                                                                                                                                                    |                   |                                                          |                       | Wind                                       |                   |                       |                       |
| Unit 3                                                                                                                                                        | 85.76             | 152                                                      | 10.555                | Total                                      | 812.52            |                       |                       |
| Unit 4                                                                                                                                                        | 104.38            | 175                                                      | 10.034                | Total                                      | 812.52            |                       |                       |
| Unit 5                                                                                                                                                        | 245.76            | 402                                                      | 23.807                | IPP/CPP                                    |                   |                       |                       |
| Unit 6                                                                                                                                                        | 238.51            | 415                                                      | 22.648                | APML(All Units)                            | 1761.6            |                       | 99.059                |
| Unit 7                                                                                                                                                        | 222.48            | 415                                                      | 24.251                | JSWEL(All Units)                           | 675.14            |                       | 54.92                 |
| Unit 8                                                                                                                                                        | 305.04            | 480                                                      | 17.330                | VIPL(All Units)                            | 0                 |                       | 0                     |
| Unit 9                                                                                                                                                        | 83.34             | 478                                                      | 7.287                 | RPL AMT(All Units)                         | 776.96            |                       | 56.98                 |
| Total                                                                                                                                                         | 1285.27           |                                                          | 115.912               | SWPGL(All Units)                           | 140.31            |                       | 14.902                |
| Paras                                                                                                                                                         |                   |                                                          |                       | Other                                      | 129.69            |                       |                       |
| Unit 3                                                                                                                                                        | 3.85              | 217                                                      | 2.744                 | Total                                      | 3483.7            |                       | 225.857               |
| Unit 4                                                                                                                                                        | 142.03            | 250                                                      | 15.212                |                                            |                   |                       |                       |
| Total                                                                                                                                                         | 145.88            |                                                          | 17.957                |                                            |                   |                       |                       |
| Khaperkheda                                                                                                                                                   |                   |                                                          |                       | Solar                                      |                   |                       |                       |
| Unit 1                                                                                                                                                        | 70.09             | 165                                                      | 10.939                | Total                                      | 169.483           |                       |                       |
| Unit 2                                                                                                                                                        | 87.89             | 185                                                      | 9.629                 | Total                                      | 169.483           |                       |                       |
| Unit 3                                                                                                                                                        | 107.73            | 212                                                      | 9.074                 | TATA                                       |                   |                       |                       |
| Unit 4                                                                                                                                                        | 102.09            | 210                                                      | 11.195                | Trombay 5                                  | 278.49            | 487                   | 23.897                |
| Unit 5                                                                                                                                                        | 312.78            | 500                                                      | 18.244                | Trombay 6                                  | 0.00              | 0                     |                       |
| Total                                                                                                                                                         | 680.58            |                                                          | 59.080                | Trombay 8                                  | 138.05            | 226                   |                       |
| Nashik                                                                                                                                                        |                   |                                                          |                       | Trombay 7A                                 | 6.95              | 76                    | 0.721                 |
| Unit 3                                                                                                                                                        | 50.88             | 190                                                      | 6.32                  | Trombay 7B                                 | 5.53              | 54                    |                       |
| Unit 4                                                                                                                                                        | 89.52             | 200                                                      | 10.24                 | TATA Hydro                                 | 176.96            | 460                   | 3.414                 |
| Unit 5                                                                                                                                                        | 25.72             | 201                                                      | 3.40                  | Total                                      | 605.98            |                       | 28.032                |
| Total                                                                                                                                                         | 166.12            |                                                          | 19.9580               | AEML (R-INFRA)                             |                   |                       |                       |
| Uran                                                                                                                                                          |                   |                                                          |                       | Adani DTSP 1-2                             | 317.29            | 504                   | 30.940                |
| All Uran                                                                                                                                                      | 162.78            | 435                                                      | 5.066                 | Total                                      | 317.29            |                       | 30.940                |
| Total                                                                                                                                                         | 162.78            |                                                          | 5.066                 | Central Sector Receipt Including Bilateral | 4522.15           | Total aux.consumption | 663.255               |
| PGPL                                                                                                                                                          |                   |                                                          |                       | Total Thermal+Gas ( T+G)                   | 8653.47           | Excluding Pench       |                       |
| Unit 1                                                                                                                                                        | 0.00              | 0                                                        |                       | Mah. Wind injection (W)                    | 812.52            |                       |                       |
| Unit 2                                                                                                                                                        | 0.00              | 0                                                        |                       | Mah.Solar injection (S)                    | 169.483           |                       |                       |
| Total                                                                                                                                                         |                   |                                                          |                       | Hydro ( H)                                 | 591.20            |                       |                       |
| Pench(MS)                                                                                                                                                     | 14.07             | 48                                                       |                       | Total (T+G+H+W+S)                          | 10226.68          |                       |                       |
| Total                                                                                                                                                         | 14.07             |                                                          |                       | Restricted Energy Requirement (Gross) Mus  | 14748.823         |                       |                       |

**Monthly Report for August 2021**

| Particulars                                  | Generation/Requirement ( Mus) |
|----------------------------------------------|-------------------------------|
| Total Thermal Generation                     | 8478.214                      |
| Total Hydro Generation                       | 591.200                       |
| Total Gas Generation                         | 175.260                       |
| Total Solar Generation                       | 169.483                       |
| Total Wind Generation                        | 812.520                       |
| <b>Total State Generation</b>                | <b>10226.677</b>              |
| <b>InterState Exchanges</b>                  |                               |
| GEB                                          | -292.962                      |
| MPEB                                         | 97.138                        |
| CHATTISGARH                                  | 103.230                       |
| GOA                                          | -29.805                       |
| MAHARASHTRA NET                              | 4644.545                      |
| <b>Net InterState Exchanges</b>              | <b>4522.146</b>               |
| <b>Restricted Energy Requirement(Gross)</b>  | <b>14748.823</b>              |
| <b>Restricted Energy Requirement(Ex-Bus)</b> | <b>14085.568</b>              |
| <b>Bilateral Power Purchases</b>             |                               |
| IMPORT                                       | 332.915                       |
| EXPORT                                       | -0.543                        |
| PX                                           | 180.449                       |
| INTRA                                        | 537.233                       |
| <b>Total Bilateral Purchase by MSEDCL</b>    | <b>1050.054</b>               |
| IMPORT                                       | 271.407                       |
| EXPORT                                       | 1.393                         |
| STANDBY FROM MSEDCL                          | 0                             |
| PX                                           | 214.84                        |
| INTRA                                        | 191.21                        |
| <b>Total Bilateral Purchase by Mumbai</b>    | <b>678.85</b>                 |
| <b>Total Auxiliary Consumption</b>           | <b>663.255</b>                |
| <b>MSPGCL Total</b>                          | <b>378.43</b>                 |
| Thermal                                      | 370.253                       |
| Hydro                                        | 3.107                         |
| Gas                                          | 5.066                         |
| <b>TPCL Total</b>                            | <b>28.032</b>                 |
| Thermal                                      | 23.897                        |
| Hydro                                        | 3.414                         |
| Gas                                          | 0.721                         |
| <b>AEML Dahanu</b>                           | <b>30.94</b>                  |

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

| Particulars                 | Demand (MW) | Time (Hrs) | Date       | Frequency (Hz) |
|-----------------------------|-------------|------------|------------|----------------|
| Unrestricted Demand(Gross)  | 24419       | 11         | 10-08-2021 | 50.01          |
| Unrestricted Demand(Ex-Bus) | 23630       | 11         | 10-Aug-21  | 50.01          |
| Catered Demand(Gross)       | 24419       | 11         | 10-Aug-21  | 50.01          |
| Catered Demand(Ex-Bus)      | 23630       | 11         | 10-Aug-21  | 50.01          |

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

| Unrestricted Demand (Including frequency correction of -8.55 MW) | Catered Demand | Load Shedding | Stag. Effect |
|------------------------------------------------------------------|----------------|---------------|--------------|
| 24419                                                            | 24428          | 0             | 0            |
| Thermal+Gas+IPP & Hydro+Wind Generation During the Peak (MW)     |                |               |              |
| Thermal+Gas+IPP Generation During the Peak                       |                |               | 13693        |
| Hydro+Wind+Solar Generation During the Peak                      |                |               | 2289         |

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

| Particulars                    | Demand (MW) | Time (Hrs)  | Date      | Frequency(Hz) |
|--------------------------------|-------------|-------------|-----------|---------------|
| Maximum Demand                 | 24428       | 11          | 10-Aug-21 | 50.01         |
| Minimum Demand                 | 15488       | 4           | 2-Aug-21  | 50.01         |
| <b>Koyna Lake Level in Ft.</b> |             |             |           |               |
| 31-Aug-2021                    |             | 31-Aug-2020 |           |               |
| 2154.4                         |             | 2161        |           |               |