

**:: Tamil Nadu Transmission Corporation Ltd ::**  
(A Subsidiary of TNEB Ltd.)

**Grid Details**

Date : 01-Sep-20

Day : Tuesday

| Sl. No.              | Details                                    | Total Capacity MW | Lighting Peak MW | Minimum Load MW | Morning Peak MW | Consumption MU |
|----------------------|--|-------------------|------------------|-----------------|-----------------|----------------|
|                      | Date                                       |                   | 31-8-2020        | 1-9-2020        | 1-9-2020        | 31-8-2020      |
|                      | Time Hrs.                                  |                   | 18:35            | 3:35            | 7:55            |                |
|                      | Frequency HZ.                              |                   | 49.80            | 50.00           | 49.99           |                |
| <b>1</b>             | <b>TNEB</b>                                |                   |                  |                 |                 |                |
| <b>a)</b>            | <b>Hydro</b>                               | <b>2321.9</b>     | <b>1497</b>      | <b>934</b>      | <b>641</b>      | <b>28.792</b>  |
| <b>b)</b>            | <b>Thermal</b>                             | <b>4320.0</b>     | <b>2460</b>      | <b>2235</b>     | <b>2215</b>     | <b>55.759</b>  |
| <b>c)</b>            | <b>Gas</b>                                 | <b>516.1</b>      | <b>274</b>       | <b>279</b>      | <b>280</b>      | <b>6.655</b>   |
| <b>2</b>             | <b>Independent Power Plant</b>             |                   |                  |                 |                 |                |
| (i)                  | PPN  | 330.5             | 0                | 0               | 0               | 0.000          |
| (ii)                 | TAQA, ABAN, PENNA                          | 302.8             | 0                | 0               | 170             | 0.000          |
| <b>3</b>             | <b>Captive Power Plant(Intra state)</b>    |                   | <b>570</b>       | <b>529</b>      | <b>551</b>      |                |
| (ii)                 | CPP (Purchase)                             |                   | 0                | 0               | 0               |                |
| (iii)                | CPP (Wheeling) + Third Party *895.00       | 895.00            | 570              | 529             | 551             |                |
| <b>4</b>             | <b>Non-Conventional Energy Schemes</b>     |                   | <b>77</b>        | <b>74</b>       | <b>72</b>       | <b>15.137</b>  |
| (i)                  | Co-Generation *711.00                      |                   | 73               | 70              | 68              |                |
| (ii)                 | Bio mass *265.60                           |                   | 5                | 4               | 5               |                |
|                      |  |                   | <b>1520</b>      | <b>306</b>      | <b>1062</b>     | <b>48.070</b>  |
| (iii)                | Wind *8535.195                             |                   | 1520             | 306             | 111             | 28.279         |
| (iv)                 | Solar (With Roof top) *4179.411            |                   | 0                | 0               | 951             | 19.791         |
| <b>5</b>             | <b>CGS (capacity) - Share for TNEB</b>     | <b>6166.0</b>     | <b>4444</b>      | <b>4179</b>     | <b>4279</b>     | <b>104.561</b> |
| (i)                  | Neyveli TS1 (BILATERAL) 0                  |                   | 35               | 35              | 35              | 0.639          |
| (ii)                 | NTPC (2600) + SIMHADRI (1000) 835          |                   |                  |                 |                 |                |
| (iii)                | Neyveli TS2 (1470) 473                     |                   |                  |                 |                 |                |
| (iv)                 | NeyveliTS1Expansion (420) 227              |                   |                  |                 |                 |                |
| (v)                  | NeyveliTS2Expansion (500) 270              | 6131.0            | 4384             | 4118            | 4219            | 103.323        |
| (vi)                 | New Neyveli TPP (500) 327                  |                   |                  |                 |                 |                |
| (vii)                | Talcher St 2 (2000) 487                    |                   |                  |                 |                 |                |
| (viii)               | VALLUR (1500) 1066                         |                   |                  |                 |                 |                |
| (ix)                 | NTPL (1000) 414                            |                   |                  |                 |                 |                |
| (x)                  | MAPS (440) 331                             |                   |                  |                 |                 |                |
| (xi)                 | KAPS (880) 226                             |                   |                  |                 |                 |                |
| (xii)                | KUDANKULAM ( 2000) 1152                    |                   |                  |                 |                 |                |
| (xiii)               | Kudgi(2400) 323                            |                   |                  |                 |                 |                |
| (xiv)                | Eastern region power (External Assistance) | 35                | 26               | 26              | 25              | 0.598          |
| (ii)                 | <b>Power Purchase ( MTOA + LTOA+STOA)</b>  | <b>2830.0</b>     | 2277             | 2170            | 3090            | 37.317         |
|                      | <b>Total</b>                               | <b>17682.28</b>   | <b>13119</b>     | <b>10707</b>    | <b>12360</b>    | <b>296.291</b> |
| <b>7</b>             | (i) Load Shedding                          |                   | 0                | Nil             | 0               | 0.000          |
|                      | (ii) HT Relief & R&C                       |                   | 0                | 0               | 0               | 0.000          |
| <b>All time High</b> |  | Consumption       | 369.940 MU on    | 12-4-2019       |                 |                |
|                      |  | Demand            | 16151 MW on      | 3-4-2019        | 19:05           | 50.01 Hz       |

**Note:** \* All these items and new projects are not included in total Installed capacity.

# yesterday's solar generation(max): 3105 MW  
(min) : 78 MW