

**CENTRAL ELECTRICITY AUTHORITY
G O & D WING
OPERATION PERFORMANCE MONITORING DIVISION
ENERGY GENERATION, PROGRAMME, AND PLANT LOAD FACTOR**

SUB-REPORT 1
PERIOD : Oct-2024
DATE : 02-Dec-24

1. SUMMARY-ALL INDIA

AN OVERVIEW

| Catagory | Monitered Capacity (MW) | Target | GENERATION (GWH) | | | | | | | | | | PLANT LOAD FACTOR (%) | | | | | |
|--------------|-------------------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------|---------------------|--------------------|--------------------|-----------------------|---------------|-----------------------|-------------------|---------|---------------------|--------------------|-------|
| | | | Oct-2024 | | | | | APRIL 2024-Oct-2024 | | | | | Oct-2024 | | | APRIL 2024-Oct-2024 | | |
| | | PROGRAM | ACTUAL | Actual Same Month | % Of Program (4/3) | % Of Last Year (4/5) | PROGRAM | ACTUAL | Actual Same Period | % Of Program (9/8) | % Of Last Year (9/10) | PROGRAM | ACTUAL | Actual Same Month | PROGRAM | ACTUAL | Actual Same Period | |
| | | | | 2023-24 | | | | | 2023-24 | | | | | 2023-24 | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
| THERMAL | 243046.92 | 1444943.00 | 116022.00 | 114101.72 | 117258.64 | 98.34 | 97.31 | 852524.00 | 804275.75 | 771629.04 | 94.34 | 104.23 | 68.91 | 69.11 | 71.72 | 74.50 | 70.01 | 68.62 |
| NUCLEAR | 8180.00 | 55348.00 | 4269.00 | 4768.92 | 4493.54 | 111.71 | 106.13 | 31338.00 | 33095.54 | 27562.06 | 105.61 | 120.08 | 69.08 | 78.36 | 80.74 | 76.48 | 78.78 | 74.72 |
| HYDRO | 46968.17 | 147709.00 | 12894.00 | 14455.88 | 11240.46 | 112.11 | 128.61 | 104761.00 | 109037.18 | 101969.37 | 104.08 | 106.93 | | | | | | |
| BHUTAN IMP | 0.00 | 8000.00 | 809.00 | 843.70 | 508.50 | 104.29 | 165.92 | 5396.00 | 5087.20 | 4644.00 | 94.28 | 109.54 | | | | | | |
| TOTAL | 298195.09 | 1656000.00 | 133994.00 | 134170.22 | 133501.14 | 100.13 | 100.50 | 994019.00 | 951495.67 | 905804.47 | 95.72 | 105.04 | | | | | | |