

**CENTRAL ELECTRICITY AUTHORITY
G O & D WING
OPERATION PERFORMANCE MONITORING DIVISION**

ENERGYWISE - PERFORMANCE STATUS ALL INDIA - REGIONWISE

PERIOD:SEP-2023 VIS-A-VIS SEP-2022 AND APR-SEP-2023 VIS-A-VIS APR-SEP-2022

2. SUMMARY - REGION WISE

| Category / Regions | Monitored Capacity (MW) | Target Apr 2023 to Mar 2024 | GENERATION (GWH) | | | | | | | | | | PLANT LOAD FACTOR (%) | | | | | |
|-----------------------------|-------------------------|-----------------------------|------------------|-----------------|-------------------|---------------------|----------------------|-----------------------|------------------|--------------------|--------------------|-----------------------|-----------------------|--------|-------------------|-----------------------|--------|--------------------|
| | | | SEP-2023 | | | | | APRIL 2023 - SEP-2023 | | | | | SEP-2023 | | | APRIL 2023 - SEP-2023 | | |
| | | | PROGRAM | ACTUAL | ACTUAL SAME MONTH | % OF PRO-GRAM (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 |
| | | | | | 2022-23 | | | | | 2022-23 | | | | | 2022-23 | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
| NORTHERN REGION | | | | | | | | | | | | | | | | | | |
| THERMAL | 52079.96 | 300220.00 | 23905.00 | 24710.73 | 22595.96 | 103.37 | 109.36 | 155116.00 | 144769.78 | 145841.12 | 93.33 | 99.27 | 66.99 | 72.16 | 66.46 | 71.65 | 69.17 | 69.97 |
| NUCLEAR | 1620.00 | 9239.00 | 769.00 | 855.24 | 813.00 | 111.21 | 105.20 | 4575.00 | 5335.45 | 5063.54 | 116.62 | 105.37 | 70.27 | 73.32 | 69.70 | 68.53 | 74.99 | 71.17 |
| HYDRO | 19696.27 | 77797.00 | 9114.00 | 8965.81 | 10007.75 | 98.37 | 89.59 | 54436.00 | 51801.06 | 53772.69 | 95.16 | 96.33 | | | | | | |
| Total | 73396.23 | 387256.00 | 33788.00 | 34531.78 | 33416.71 | 102.20 | 103.34 | 214127.00 | 201906.29 | 204677.35 | 94.29 | 98.65 | | | | | | |
| WESTERN REGION | | | | | | | | | | | | | | | | | | |
| THERMAL | 96442.49 | 499455.00 | 38278.00 | 43073.48 | 34282.88 | 112.53 | 125.64 | 249057.00 | 258513.10 | 228305.09 | 103.80 | 113.23 | 60.77 | 67.93 | 55.37 | 64.99 | 66.98 | 60.03 |
| NUCLEAR | 2540.00 | 17165.00 | 1525.00 | 1586.76 | 1100.10 | 104.05 | 144.24 | 7930.00 | 7250.61 | 6586.02 | 91.43 | 110.09 | 69.72 | 86.77 | 83.04 | 64.36 | 75.32 | 81.50 |
| HYDRO | 7392.00 | 15491.00 | 2195.00 | 2152.68 | 3114.98 | 98.07 | 69.11 | 8043.00 | 9860.49 | 11156.01 | 122.60 | 88.39 | | | | | | |
| Total | 106374.49 | 532111.00 | 41998.00 | 46812.92 | 38497.96 | 111.46 | 121.60 | 265030.00 | 275624.20 | 246047.12 | 104.00 | 112.02 | | | | | | |
| SOUTHERN REGION | | | | | | | | | | | | | | | | | | |
| THERMAL | 51139.80 | 255020.00 | 20139.00 | 19428.92 | 16410.47 | 96.47 | 118.39 | 131005.00 | 120171.14 | 106996.34 | 91.73 | 112.31 | 57.68 | 61.46 | 52.67 | 63.21 | 62.61 | 56.28 |
| NUCLEAR | 3320.00 | 19786.00 | 1697.00 | 2083.77 | 1499.42 | 122.79 | 138.97 | 9912.00 | 10482.46 | 10279.95 | 105.76 | 101.97 | 70.99 | 87.17 | 62.73 | 67.98 | 71.89 | 70.50 |
| HYDRO | 11747.15 | 31078.00 | 3648.00 | 1748.11 | 4990.03 | 47.92 | 35.03 | 16361.00 | 11816.07 | 19849.16 | 72.22 | 59.53 | | | | | | |
| Total | 66206.95 | 305884.00 | 25484.00 | 23260.80 | 22899.92 | 91.28 | 101.58 | 157278.00 | 142469.67 | 137125.45 | 90.58 | 103.90 | | | | | | |
| EASTERN REGION | | | | | | | | | | | | | | | | | | |
| THERMAL | 37169.71 | 253230.00 | 19511.00 | 20365.86 | 18712.90 | 104.38 | 108.83 | 128189.00 | 123237.18 | 117504.35 | 96.14 | 104.88 | 72.02 | 76.31 | 72.31 | 77.95 | 76.29 | 74.84 |
| HYDRO | 5987.75 | 20178.00 | 2795.00 | 2595.73 | 2996.44 | 92.87 | 86.63 | 13364.00 | 13237.47 | 13770.95 | 99.05 | 96.13 | | | | | | |
| Total | 43157.46 | 273408.00 | 22306.00 | 22961.59 | 21709.34 | 102.94 | 105.77 | 141553.00 | 136474.65 | 131275.30 | 96.41 | 103.96 | | | | | | |
| NORTH EASTERN REGION | | | | | | | | | | | | | | | | | | |
| THERMAL | 2450.95 | 16185.00 | 1284.00 | 1241.56 | 1293.73 | 96.69 | 95.97 | 8201.00 | 7679.20 | 7852.09 | 93.64 | 97.80 | 87.22 | 79.32 | 80.11 | 89.01 | 80.06 | 84.66 |
| HYDRO | 2027.00 | 12156.00 | 1773.00 | 860.42 | 907.36 | 48.53 | 94.83 | 7841.00 | 4013.83 | 4704.96 | 51.19 | 85.31 | | | | | | |

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|---------------------------|-------------------------|-----------------------------|------------------|------------------|-------------------|---------------------|----------------------|-----------------------|------------------|--------------------|--------------------|-----------------------|-----------------------|--------|-------------------|-----------------------|--------|--------------------|
| | | | SEP-2023 | | | | | APRIL 2023 - SEP-2023 | | | | | SEP-2023 | | | APRIL 2023 - SEP-2023 | | |
| | | | PROGRAM | ACTUAL | ACTUAL SAME MONTH | % OF PRO-GRAM (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 |
| | | | | | 2022-23 | | | | | 2022-23 | | | | | 2022-23 | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
| Total | 4477.95 | 28341.00 | 3057.00 | 2101.98 | 2201.09 | 68.76 | 95.50 | 16042.00 | 11693.03 | 12557.05 | 72.89 | 93.12 | | | | | | |
| BHUTAN IMP. REGION | | | | | | | | | | | | | | | | | | |
| | 0.00 | 8000.00 | 847.00 | 869.40 | 1270.50 | 102.64 | 68.43 | 4587.00 | 4135.50 | 5435.70 | 90.16 | 76.08 | | | | | | |
| ALL INDIA REGION | | | | | | | | | | | | | | | | | | |
| THERMAL | 239282.91 | 1324110.00 | 103117.00 | 108820.55 | 93295.94 | 105.53 | 116.64 | 671568.00 | 654370.40 | 606498.99 | 97.44 | 107.89 | 63.51 | 69.02 | 60.22 | 68.39 | 68.23 | 64.04 |
| NUCLEAR | 7480.00 | 46190.00 | 3991.00 | 4525.77 | 3412.52 | 113.40 | 132.62 | 22417.00 | 23068.52 | 21929.51 | 102.91 | 105.19 | 70.40 | 84.03 | 69.91 | 66.85 | 73.65 | 73.64 |
| HYDRO | 46850.17 | 156700.00 | 19525.00 | 16322.75 | 22016.56 | 83.60 | 74.14 | 100045.00 | 90728.92 | 103253.77 | 90.69 | 87.87 | | | | | | |
| BHUTAN IMP. | 0.00 | 8000.00 | 847.00 | 869.40 | 1270.50 | 102.64 | 68.43 | 4587.00 | 4135.50 | 5435.70 | 90.16 | 76.08 | | | | | | |
| Total | 293613.08 | 1535000.00 | 127480.00 | 130538.47 | 119995.52 | 102.40 | 108.79 | 798617.00 | 772303.34 | 737117.97 | 96.71 | 104.77 | | | | | | |