

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

SUB- REPORT 2

ENERGYWISE - PERFORMANCE STATUS ALL INDIA - REGIONWISE

PERIOD:JAN-2020 VIS-A-VIS JAN-2019 AND APR-JAN-2020 VIS-A-VIS APR-JAN-2019

2. SUMMARY - REGION WISE

| Category / Regions | Monitored Capacity (MW) | Target Apr 2019 to Mar 2020 | GENERATION (GWH) | | | | | | | | | | PLANT LOAD FACTOR (%) | | | | | |
|-----------------------------|-------------------------|-----------------------------|------------------|-----------------|-------------------|---------------------|----------------------|-----------------------|------------------|--------------------|--------------------|-----------------------|-----------------------|--------|-------------------|-----------------------|--------|--------------------|
| | | | JAN-2020 | | | | | APRIL 2019 - JAN-2020 | | | | | JAN-2020 | | | APRIL 2019 - JAN-2020 | | |
| | | | 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 |
| | | | | | 2018-19 | | | | | 2018-19 | | | | | 2018-19 | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
| NORTHERN REGION | | | | | | | | | | | | | | | | | | |
| THERMAL | 48570.26 | 251573.00 | 21082.00 | 17576.46 | 19715.41 | 83.37 | 89.15 | 209799.00 | 183354.10 | 194387.44 | 87.40 | 94.32 | 60.64 | 52.38 | 61.07 | 61.96 | 55.66 | 60.09 |
| NUCLEAR | 1620.00 | 9957.00 | 814.00 | 1056.81 | 882.22 | 129.83 | 119.79 | 8580.00 | 10475.48 | 9506.87 | 122.09 | 110.19 | 71.98 | 87.68 | 73.20 | 76.86 | 88.05 | 79.91 |
| HYDRO | 19023.27 | 71513.00 | 2973.00 | 3726.52 | 3467.44 | 125.35 | 107.47 | 64705.00 | 72519.95 | 64274.00 | 112.08 | 112.83 | | | | | | |
| Total | 69213.53 | 333043.00 | 24869.00 | 22359.79 | 24065.07 | 89.91 | 92.91 | 283084.00 | 266349.53 | 268168.31 | 94.09 | 99.32 | | | | | | |
| WESTERN REGION | | | | | | | | | | | | | | | | | | |
| THERMAL | 96042.49 | 471456.00 | 40318.00 | 39515.43 | 37491.91 | 98.01 | 105.40 | 393168.00 | 370200.05 | 375109.69 | 94.16 | 98.69 | 59.91 | 60.85 | 60.49 | 59.64 | 57.06 | 61.36 |
| NUCLEAR | 1840.00 | 13065.00 | 1315.00 | 981.96 | 1166.93 | 74.67 | 84.15 | 10335.00 | 11614.76 | 9445.57 | 112.38 | 122.97 | 69.59 | 71.73 | 85.24 | 73.64 | 85.95 | 69.90 |
| HYDRO | 7392.00 | 12200.00 | 953.00 | 1317.19 | 758.46 | 138.22 | 173.67 | 10296.00 | 15329.00 | 8296.58 | 148.88 | 184.76 | | | | | | |
| Total | 105274.49 | 496721.00 | 42586.00 | 41814.58 | 39417.30 | 98.19 | 106.08 | 413799.00 | 397143.81 | 392851.84 | 95.98 | 101.09 | | | | | | |
| SOUTHERN REGION | | | | | | | | | | | | | | | | | | |
| THERMAL | 48327.97 | 222313.00 | 19777.00 | 17531.21 | 17093.57 | 88.64 | 102.56 | 184240.00 | 161729.59 | 172724.43 | 87.78 | 93.63 | 58.66 | 55.18 | 53.61 | 56.62 | 52.11 | 56.16 |
| NUCLEAR | 3320.00 | 21698.00 | 1941.00 | 1398.62 | 1070.96 | 72.06 | 130.59 | 17731.00 | 17154.99 | 12625.21 | 96.75 | 135.88 | 78.58 | 56.62 | 43.36 | 72.72 | 70.36 | 51.78 |
| HYDRO | 11694.50 | 27124.00 | 1983.00 | 2545.47 | 2122.10 | 128.36 | 119.95 | 22539.00 | 26773.76 | 24585.67 | 118.79 | 108.90 | | | | | | |
| Total | 63342.47 | 271135.00 | 23701.00 | 21475.30 | 20286.63 | 90.61 | 105.86 | 224510.00 | 205658.34 | 209935.31 | 91.60 | 97.96 | | | | | | |
| EASTERN REGION | | | | | | | | | | | | | | | | | | |
| THERMAL | 35175.05 | 184106.00 | 15369.00 | 15111.86 | 14942.44 | 98.33 | 101.13 | 153947.00 | 144347.73 | 143527.53 | 93.76 | 100.57 | 57.72 | 59.07 | 63.56 | 59.24 | 58.68 | 61.78 |
| HYDRO | 5862.45 | 19243.00 | 719.00 | 890.62 | 805.96 | 123.87 | 110.50 | 17591.00 | 19079.70 | 17101.26 | 108.46 | 111.57 | | | | | | |
| Total | 41037.50 | 203349.00 | 16088.00 | 16002.48 | 15748.40 | 99.47 | 101.61 | 171538.00 | 163427.43 | 160628.79 | 95.27 | 101.74 | | | | | | |
| NORTH EASTERN REGION | | | | | | | | | | | | | | | | | | |
| THERMAL | 2537.30 | 12682.00 | 1077.00 | 1068.14 | 1105.91 | 99.18 | 96.58 | 10590.00 | 11003.49 | 10033.67 | 103.90 | 109.67 | 58.42 | 67.83 | 63.97 | 55.48 | 59.90 | 63.46 |
| HYDRO | 1427.00 | 6852.00 | 343.00 | 185.27 | 212.73 | 54.01 | 87.09 | 6262.00 | 4540.98 | 4828.63 | 72.52 | 94.04 | | | | | | |

| Category / Regions | Monitored Capacity (MW) | Target Apr 2019 to Mar 2020 | GENERATION (GWH) | | | | | | | | | | PLANT LOAD FACTOR (%) | | | | | |
|---------------------------|-------------------------|-----------------------------|------------------|------------------|-------------------|---------------------|----------------------|-----------------------|-------------------|--------------------|--------------------|-----------------------|-----------------------|--------|-------------------|-----------------------|--------|--------------------|
| | | | JAN-2020 | | | | | APRIL 2019 - JAN-2020 | | | | | JAN-2020 | | | APRIL 2019 - JAN-2020 | | |
| | | | 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 |
| | | | | | 2018-19 | | | | | 2018-19 | | | | | 2018-19 | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
| Total | 3964.30 | 19534.00 | 1420.00 | 1253.41 | 1318.64 | 88.27 | 95.05 | 16852.00 | 15544.47 | 14862.30 | 92.24 | 104.59 | | | | | | |
| BHUTAN IMP. REGION | | | | | | | | | | | | | | | | | | |
| | 0.00 | 6218.00 | 337.00 | 105.40 | 12.80 | 31.28 | 823.44 | 5771.00 | 5619.90 | 4334.92 | 97.38 | 129.64 | | | | | | |
| ALL INDIA REGION | | | | | | | | | | | | | | | | | | |
| THERMAL | 230653.07 | 1142130.00 | 97623.00 | 90803.10 | 90349.24 | 93.01 | 100.50 | 951744.00 | 870634.96 | 895782.76 | 91.48 | 97.19 | 59.43 | 57.65 | 59.65 | 59.43 | 56.04 | 60.08 |
| NUCLEAR | 6780.00 | 44720.00 | 4070.00 | 3437.39 | 3120.11 | 84.46 | 110.17 | 36646.00 | 39245.23 | 31577.65 | 107.09 | 124.28 | 74.13 | 68.14 | 61.85 | 73.91 | 78.82 | 63.42 |
| HYDRO | 45399.22 | 136932.00 | 6971.00 | 8665.07 | 7366.69 | 124.30 | 117.63 | 121393.00 | 138243.39 | 119086.14 | 113.88 | 116.09 | | | | | | |
| BHUTAN IMP. | 0.00 | 6218.00 | 337.00 | 105.40 | 12.80 | 31.28 | 823.44 | 5771.00 | 5619.90 | 4334.92 | 97.38 | 129.64 | | | | | | |
| Total | 282832.29 | 1330000.00 | 109001.00 | 103010.96 | 100848.84 | 94.50 | 102.14 | 1115554.00 | 1053743.48 | 1050781.47 | 94.46 | 100.28 | | | | | | |