

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

SUB- REPORT 4

**ENERGYWISE - PERFORMANCE STATUS ALL INDIA - REGIONWISE**

PERIOD:DEC-2019 VIS-A-VIS DEC-2018 AND APR-DEC-2019 VIS-A-VIS APR-DEC-2018

2. SUMMARY - SECTOR WISE

| Category / Sectors    | Monitored Capacity (MW) | Target<br>Apr 2019 to Mar 2020 | GENERATION (GWH) |                 |                   |                     |                      |                       |                  |                    |                    |                       | PLANT LOAD FACTOR (%) |              |                   |                       |              |                    |
|-----------------------|-------------------------|--------------------------------|------------------|-----------------|-------------------|---------------------|----------------------|-----------------------|------------------|--------------------|--------------------|-----------------------|-----------------------|--------------|-------------------|-----------------------|--------------|--------------------|
|                       |                         |                                | DEC-2019         |                 |                   |                     |                      | APRIL 2019 - DEC-2019 |                  |                    |                    |                       | DEC-2019              |              |                   | APRIL 2019 - DEC-2019 |              |                    |
|                       |                         |                                | 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           |                    |
| <b>THERMAL</b>        |                         |                                |                  |                 |                   |                     |                      |                       |                  |                    |                    |                       |                       |              |                   |                       |              |                    |
| <b>CENTRAL SECTOR</b> |                         |                                |                  |                 |                   |                     |                      |                       |                  |                    |                    |                       |                       |              |                   |                       |              |                    |
| APCPL                 | 1500.00                 | 7500.00                        | 667.00           | 289.58          | 774.10            | 43.42               | 37.41                | 5539.00               | 2971.02          | 5646.13            | 53.64              | 52.62                 | 59.77                 | 25.95        | 69.36             | 55.95                 | 30.01        | 57.03              |
| BRBCL                 | 750.00                  | 3600.00                        | 318.00           | 474.38          | 323.99            | 149.18              | 146.42               | 2674.00               | 3529.94          | 1704.47            | 132.01             | 207.10                | 56.99                 | 85.01        | 87.09             | 54.02                 | 71.31        | 51.65              |
| DVC                   | 7090.00                 | 37476.00                       | 3233.00          | 3042.33         | 2714.27           | 94.10               | 112.09               | 28457.00              | 27961.63         | 26490.02           | 98.26              | 105.56                | 61.29                 | 57.67        | 51.46             | 60.81                 | 59.75        | 56.61              |
| K.B.U.N.L             | 610.00                  | 3025.00                        | 204.00           | 230.04          | 311.76            | 112.76              | 73.79                | 2248.00               | 2302.70          | 2126.23            | 102.43             | 108.30                | 44.95                 | 50.69        | 68.69             | 55.84                 | 57.20        | 52.81              |
| MUNPL                 | 660.00                  | 3000.00                        | 276.00           | 0.00            | 0.00              | 0.00                | 0.00                 | 2194.00               | 1050.67          | 0.00               | 47.89              | 0.00                  | 28.10                 | 0.00         | 0.00              | 32.36                 | 24.41        | 0.00               |
| NEEPCO.               | 527.00                  | 2828.00                        | 248.00           | 278.05          | 295.02            | 112.12              | 94.25                | 2126.00               | 2333.67          | 2200.93            | 109.77             | 106.03                |                       |              |                   |                       |              |                    |
| NLC                   | 3640.00                 | 20030.00                       | 1645.00          | 1658.11         | 1927.90           | 100.80              | 86.01                | 14939.00              | 14562.08         | 14662.44           | 97.48              | 99.32                 | 53.41                 | 70.77        | 79.98             | 56.18                 | 70.24        | 68.57              |
| NPGCL                 | 660.00                  | 3000.00                        | 285.00           | 323.44          | 0.00              | 113.49              | 0.00                 | 2166.00               | 1416.52          | 0.00               | 65.40              | 0.00                  | 29.02                 | 65.87        | 0.00              | 34.44                 | 73.30        | 0.00               |
| NSPCL                 | 500.00                  | 3600.00                        | 316.00           | 254.78          | 183.98            | 80.63               | 138.48               | 2673.00               | 2195.09          | 2620.66            | 82.12              | 83.76                 | 84.95                 | 68.49        | 49.46             | 81.00                 | 66.52        | 79.41              |
| NTECL                 | 1500.00                 | 8000.00                        | 729.00           | 431.79          | 677.01            | 59.23               | 63.78                | 5883.00               | 4104.16          | 5557.51            | 69.76              | 73.85                 | 65.32                 | 38.69        | 60.66             | 59.42                 | 41.46        | 56.14              |
| NTPC Ltd.             | 48207.23                | 267928.00                      | 21668.00         | 21270.51        | 22798.91          | 98.17               | 93.30                | 199676.00             | 186691.85        | 201294.41          | 93.50              | 92.75                 | 63.57                 | 65.34        | 76.43             | 68.38                 | 66.34        | 75.55              |
| NTPL                  | 1000.00                 | 6200.00                        | 560.00           | 572.53          | 553.23            | 102.24              | 103.49               | 4587.00               | 3204.33          | 4469.15            | 69.86              | 71.70                 | 75.27                 | 76.95        | 74.36             | 69.50                 | 48.55        | 67.71              |
| ONGC                  | 726.60                  | 4759.00                        | 403.00           | 258.49          | 429.72            | 64.14               | 60.15                | 3579.00               | 3281.04          | 3445.32            | 91.67              | 95.23                 |                       |              |                   |                       |              |                    |
| RGPPPL                | 1967.08                 | 4505.00                        | 380.00           | 356.05          | 376.19            | 93.70               | 94.65                | 3393.00               | 3250.75          | 3408.44            | 95.81              | 95.37                 |                       |              |                   |                       |              |                    |
| <b>CENTRAL SECTOR</b> | <b>69337.91</b>         | <b>375451.00</b>               | <b>30932.00</b>  | <b>29440.08</b> | <b>31366.08</b>   | <b>95.18</b>        | <b>93.86</b>         | <b>280134.00</b>      | <b>258855.45</b> | <b>273625.71</b>   | <b>92.40</b>       | <b>94.60</b>          | <b>61.29</b>          | <b>62.67</b> | <b>72.52</b>      | <b>64.93</b>          | <b>63.46</b> | <b>71.09</b>       |
| <b>STATE SECTOR</b>   | <b>74476.21</b>         | <b>374986.00</b>               | <b>31681.00</b>  | <b>25026.76</b> | <b>28502.53</b>   | <b>79.00</b>        | <b>87.81</b>         | <b>279503.00</b>      | <b>231599.77</b> | <b>251983.13</b>   | <b>82.86</b>       | <b>91.91</b>          | <b>57.43</b>          | <b>47.66</b> | <b>57.42</b>      | <b>57.95</b>          | <b>50.12</b> | <b>57.13</b>       |
| <b>PVT SECTOR</b>     | <b>2917.00</b>          | <b>18231.00</b>                | <b>1257.00</b>   | <b>1166.82</b>  | <b>1319.41</b>    | <b>92.83</b>        | <b>88.43</b>         | <b>13865.00</b>       | <b>13632.88</b>  | <b>14741.37</b>    | <b>98.33</b>       | <b>92.48</b>          | <b>46.96</b>          | <b>53.16</b> | <b>48.49</b>      | <b>59.42</b>          | <b>61.74</b> | <b>63.02</b>       |
| <b>IPP SECTOR</b>     | <b>83921.94</b>         | <b>373462.00</b>               | <b>31500.00</b>  | <b>30695.49</b> | <b>28769.17</b>   | <b>97.45</b>        | <b>106.70</b>        | <b>280619.00</b>      | <b>275743.76</b> | <b>265083.31</b>   | <b>98.26</b>       | <b>104.02</b>         | <b>55.88</b>          | <b>54.21</b> | <b>51.95</b>      | <b>56.14</b>          | <b>54.71</b> | <b>54.16</b>       |
| <b>TOTAL THERMAL</b>  | <b>230653.07</b>        | <b>1142130.00</b>              | <b>95370.00</b>  | <b>86329.15</b> | <b>89957.19</b>   | <b>90.52</b>        | <b>95.97</b>         | <b>854121.00</b>      | <b>779831.86</b> | <b>805433.52</b>   | <b>91.30</b>       | <b>96.82</b>          | <b>57.91</b>          | <b>54.54</b> | <b>59.54</b>      | <b>59.43</b>          | <b>55.85</b> | <b>60.13</b>       |

2. SUMMARY - SECTOR WISE

| Category / Sectors     | Monitored Capacity (MW) | Target<br>Apr 2019 to Mar 2020 | GENERATION (GWH) |                 |                   |                     |                      |                       |                  |                    |                    |                       | PLANT LOAD FACTOR (%) |              |                   |                       |              |                    |
|------------------------|-------------------------|--------------------------------|------------------|-----------------|-------------------|---------------------|----------------------|-----------------------|------------------|--------------------|--------------------|-----------------------|-----------------------|--------------|-------------------|-----------------------|--------------|--------------------|
|                        |                         |                                | DEC-2019         |                 |                   |                     |                      | APRIL 2019 - DEC-2019 |                  |                    |                    |                       | DEC-2019              |              |                   | APRIL 2019 - DEC-2019 |              |                    |
|                        |                         |                                | 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           |                    |
| <b>NUCLEAR</b>         |                         |                                |                  |                 |                   |                     |                      |                       |                  |                    |                    |                       |                       |              |                   |                       |              |                    |
| <b>CENTRAL SECTOR</b>  |                         |                                |                  |                 |                   |                     |                      |                       |                  |                    |                    |                       |                       |              |                   |                       |              |                    |
| DAE                    | 100.00                  | 0.00                           | 0.00             | 0.00            | 0.00              | 0.00                | 0.00                 | 0.00                  | 0.00             | 0.00               | 0.00               | 0.00                  | 0.00                  | 0.00         | 0.00              | 0.00                  | 0.00         |                    |
| NPCIL                  | 6680.00                 | 44720.00                       | 3925.00          | 3676.59         | 3072.22           | 93.67               | 119.67               | 32576.00              | 35807.84         | 28457.54           | 109.92             | 125.83                | 78.98                 | 73.98        | 61.82             | 73.89                 | 81.22        | 64.55              |
| <b>CENTRAL SECTOR</b>  | <b>6780.00</b>          | <b>44720.00</b>                | <b>3925.00</b>   | <b>3676.59</b>  | <b>3072.22</b>    | <b>93.67</b>        | <b>119.67</b>        | <b>32576.00</b>       | <b>35807.84</b>  | <b>28457.54</b>    | <b>109.92</b>      | <b>125.83</b>         | <b>78.98</b>          | <b>72.89</b> | <b>60.90</b>      | <b>73.89</b>          | <b>80.02</b> | <b>63.60</b>       |
| <b>TOTAL NUCLEAR</b>   | <b>6780.00</b>          | <b>44720.00</b>                | <b>3925.00</b>   | <b>3676.59</b>  | <b>3072.22</b>    | <b>93.67</b>        | <b>119.67</b>        | <b>32576.00</b>       | <b>35807.84</b>  | <b>28457.54</b>    | <b>109.92</b>      | <b>125.83</b>         | <b>78.98</b>          | <b>72.89</b> | <b>60.90</b>      | <b>73.89</b>          | <b>80.02</b> | <b>63.60</b>       |
| <b>HYDRO</b>           |                         |                                |                  |                 |                   |                     |                      |                       |                  |                    |                    |                       |                       |              |                   |                       |              |                    |
| <b>CENTRAL SECTOR</b>  |                         |                                |                  |                 |                   |                     |                      |                       |                  |                    |                    |                       |                       |              |                   |                       |              |                    |
| BBMB                   | 2920.30                 | 9470.00                        | 622.00           | 692.91          | 760.69            | 111.40              | 91.09                | 7727.00               | 10088.96         | 7831.01            | 130.57             | 128.83                |                       |              |                   |                       |              |                    |
| DVC                    | 143.20                  | 210.00                         | 6.00             | 7.00            | 4.22              | 116.67              | 165.88               | 188.00                | 160.64           | 169.13             | 85.45              | 94.98                 |                       |              |                   |                       |              |                    |
| NEEPCO.                | 900.00                  | 4877.00                        | 307.00           | 108.39          | 131.64            | 35.31               | 82.34                | 4227.00               | 2776.51          | 2890.32            | 65.69              | 96.06                 |                       |              |                   |                       |              |                    |
| NHDC                   | 1520.00                 | 2300.00                        | 251.00           | 243.28          | 244.18            | 96.92               | 99.63                | 1663.00               | 3283.43          | 1410.01            | 197.44             | 232.87                |                       |              |                   |                       |              |                    |
| NHPC                   | 5451.20                 | 24050.00                       | 816.00           | 1250.13         | 895.24            | 153.20              | 139.64               | 20981.00              | 21857.66         | 20367.33           | 104.18             | 107.32                |                       |              |                   |                       |              |                    |
| NTPC Ltd.              | 800.00                  | 3000.00                        | 75.00            | 99.28           | 93.25             | 132.37              | 106.47               | 2750.00               | 3170.04          | 2737.17            | 115.27             | 115.81                |                       |              |                   |                       |              |                    |
| SJVNL                  | 1912.02                 | 8550.00                        | 309.00           | 313.00          | 306.42            | 101.29              | 102.15               | 7755.00               | 8723.05          | 7576.10            | 112.48             | 115.14                |                       |              |                   |                       |              |                    |
| THDC                   | 1400.00                 | 4160.00                        | 378.00           | 328.81          | 336.77            | 86.99               | 97.64                | 3128.00               | 3177.87          | 3340.64            | 101.59             | 95.13                 |                       |              |                   |                       |              |                    |
| <b>CENTRAL SECTOR</b>  | <b>15046.72</b>         | <b>56617.00</b>                | <b>2764.00</b>   | <b>3042.80</b>  | <b>2772.41</b>    | <b>110.09</b>       | <b>109.75</b>        | <b>48419.00</b>       | <b>53238.16</b>  | <b>46321.71</b>    | <b>109.95</b>      | <b>114.93</b>         |                       |              |                   |                       |              |                    |
| <b>STATE SECTOR</b>    | <b>26958.50</b>         | <b>66805.00</b>                | <b>4096.00</b>   | <b>5353.63</b>  | <b>4529.41</b>    | <b>130.70</b>       | <b>118.20</b>        | <b>53794.00</b>       | <b>62761.75</b>  | <b>53120.87</b>    | <b>116.67</b>      | <b>118.15</b>         |                       |              |                   |                       |              |                    |
| <b>PVT SECTOR</b>      | <b>447.00</b>           | <b>1441.00</b>                 | <b>109.00</b>    | <b>143.83</b>   | <b>104.84</b>     | <b>131.95</b>       | <b>137.19</b>        | <b>1087.00</b>        | <b>1178.45</b>   | <b>1200.41</b>     | <b>108.41</b>      | <b>98.17</b>          |                       |              |                   |                       |              |                    |
| <b>IPP SECTOR</b>      | <b>2947.00</b>          | <b>12069.00</b>                | <b>394.00</b>    | <b>386.63</b>   | <b>373.10</b>     | <b>98.13</b>        | <b>103.63</b>        | <b>11122.00</b>       | <b>12399.96</b>  | <b>11076.46</b>    | <b>111.49</b>      | <b>111.95</b>         |                       |              |                   |                       |              |                    |
| <b>TOTAL HYDRO</b>     | <b>45399.22</b>         | <b>136932.00</b>               | <b>7363.00</b>   | <b>8926.89</b>  | <b>7779.76</b>    | <b>121.24</b>       | <b>114.75</b>        | <b>114422.00</b>      | <b>129578.32</b> | <b>111719.45</b>   | <b>113.25</b>      | <b>115.99</b>         |                       |              |                   |                       |              |                    |
| <b>BHUTAN IMP</b>      |                         |                                |                  |                 |                   |                     |                      |                       |                  |                    |                    |                       |                       |              |                   |                       |              |                    |
|                        | 0.00                    | 6218.00                        | 422.00           | 165.50          | 32.15             | 39.22               | 514.77               | 5434.00               | 5514.50          | 4322.12            | 101.48             | 127.59                |                       |              |                   |                       |              |                    |
| <b>ALL INDIA TOTAL</b> | <b>282832.29</b>        | <b>1330000.00</b>              | <b>107080.00</b> | <b>99098.13</b> | <b>100841.32</b>  | <b>92.55</b>        | <b>98.27</b>         | <b>1006553.00</b>     | <b>950732.52</b> | <b>949932.63</b>   | <b>94.45</b>       | <b>100.08</b>         |                       |              |                   |                       |              |                    |