

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

SUB- REPORT 4

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

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

2. SUMMARY - SECTOR WISE

| Category / Sectors    | Monitored Capacity (MW) | Target<br>Apr 2020 to Mar 2021 | GENERATION (GWH) |                 |                   |                     |                      |                       |                  |                    |                    |                       | PLANT LOAD FACTOR (%) |              |                   |                       |              |                    |
|-----------------------|-------------------------|--------------------------------|------------------|-----------------|-------------------|---------------------|----------------------|-----------------------|------------------|--------------------|--------------------|-----------------------|-----------------------|--------------|-------------------|-----------------------|--------------|--------------------|
|                       |                         |                                | DEC-2020         |                 |                   |                     |                      | APRIL 2020 - DEC-2020 |                  |                    |                    |                       | DEC-2020              |              |                   | APRIL 2020 - DEC-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 |
|                       |                         |                                |                  |                 | 2019-20           |                     |                      |                       |                  | 2019-20            |                    |                       |                       |              | 2019-20           |                       |              |                    |
| 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                 | 6000.00                        | 521.00           | 301.52          | 289.58            | 57.87               | 104.12               | 4482.00               | 1718.98          | 2971.02            | 38.35              | 57.86                 | 46.68                 | 27.02        | 25.95             | 45.27                 | 17.36        | 30.01              |
| BRBCL                 | 750.00                  | 4150.00                        | 454.00           | 322.19          | 474.38            | 70.97               | 67.92                | 3021.00               | 2852.28          | 3529.94            | 94.42              | 80.80                 | 61.02                 | 57.74        | 85.01             | 58.82                 | 57.62        | 71.31              |
| DVC                   | 6960.00                 | 38600.00                       | 3183.00          | 3399.98         | 3042.33           | 106.82              | 111.76               | 28665.00              | 27154.27         | 27961.63           | 94.73              | 97.11                 | 61.47                 | 65.66        | 57.67             | 62.40                 | 59.11        | 59.75              |
| K.B.U.N.L             | 610.00                  | 3000.00                        | 259.00           | 223.96          | 230.04            | 86.47               | 97.36                | 2301.00               | 1586.45          | 2302.70            | 68.95              | 68.90                 | 57.07                 | 49.35        | 50.69             | 57.15                 | 39.41        | 57.20              |
| MUNPL                 | 660.00                  | 4000.00                        | 243.00           | 312.14          | 0.00              | 128.45              | 0.00                 | 3015.00               | 2330.59          | 1050.67            | 77.30              | 221.82                | 24.74                 | 63.57        | 0.00              | 41.47                 | 53.50        | 24.41              |
| NEEPCO.               | 527.00                  | 2827.00                        | 235.00           | 265.32          | 278.05            | 112.90              | 95.42                | 2111.00               | 2093.20          | 2333.67            | 99.16              | 89.70                 |                       |              |                   |                       |              |                    |
| NLC                   | 3140.00                 | 21086.00                       | 1631.00          | 1244.90         | 1658.11           | 76.33               | 75.08                | 15643.00              | 12175.89         | 14562.08           | 77.84              | 83.61                 | 54.94                 | 53.05        | 70.77             | 59.40                 | 53.21        | 70.24              |
| NPGCL                 | 660.00                  | 3800.00                        | 283.00           | 423.94          | 323.44            | 149.80              | 131.07               | 2838.00               | 3575.22          | 1416.52            | 125.98             | 252.39                | 28.82                 | 86.34        | 65.87             | 53.32                 | 82.08        | 73.30              |
| NSPCL                 | 500.00                  | 3600.00                        | 150.00           | 296.77          | 254.78            | 197.85              | 116.48               | 2675.00               | 2249.78          | 2195.09            | 84.10              | 102.49                | 40.32                 | 79.78        | 68.49             | 81.06                 | 68.18        | 66.52              |
| NTECL                 | 1500.00                 | 7950.00                        | 681.00           | 420.50          | 431.79            | 61.75               | 97.39                | 5831.00               | 2336.14          | 4104.16            | 40.06              | 56.92                 | 61.02                 | 37.68        | 38.69             | 58.90                 | 23.60        | 41.46              |
| NTPC Ltd.             | 49667.23                | 259166.00                      | 21424.00         | 22677.58        | 21270.51          | 105.85              | 106.62               | 191614.00             | 188833.32        | 186691.85          | 98.55              | 101.15                | 57.35                 | 65.72        | 65.34             | 60.38                 | 62.67        | 66.34              |
| NTPL                  | 1000.00                 | 6100.00                        | 534.00           | 261.10          | 572.53            | 48.90               | 45.60                | 4467.00               | 3861.83          | 3204.33            | 86.45              | 120.52                | 71.77                 | 35.09        | 76.95             | 67.68                 | 58.51        | 48.55              |
| ONGC                  | 726.60                  | 4759.00                        | 413.00           | 406.73          | 258.49            | 98.48               | 157.35               | 3558.00               | 3880.20          | 3281.04            | 109.06             | 118.26                |                       |              |                   |                       |              |                    |
| RGPPPL                | 1967.08                 | 4505.00                        | 389.00           | 208.83          | 356.05            | 53.68               | 58.65                | 3422.00               | 1777.60          | 3250.75            | 51.95              | 54.68                 |                       |              |                   |                       |              |                    |
| <b>CENTRAL SECTOR</b> | <b>70167.91</b>         | <b>369543.00</b>               | <b>30400.00</b>  | <b>30765.46</b> | <b>29440.08</b>   | <b>101.20</b>       | <b>104.50</b>        | <b>273643.00</b>      | <b>256425.75</b> | <b>258855.45</b>   | <b>93.71</b>       | <b>99.06</b>          | <b>56.44</b>          | <b>63.04</b> | <b>62.67</b>      | <b>59.97</b>          | <b>59.49</b> | <b>63.46</b>       |
| <b>STATE SECTOR</b>   | <b>74517.36</b>         | <b>375900.00</b>               | <b>31158.00</b>  | <b>26278.65</b> | <b>25026.76</b>   | <b>84.34</b>        | <b>105.00</b>        | <b>279820.00</b>      | <b>201645.58</b> | <b>231599.77</b>   | <b>72.06</b>       | <b>87.07</b>          | <b>55.87</b>          | <b>49.71</b> | <b>47.66</b>      | <b>58.13</b>          | <b>42.12</b> | <b>50.12</b>       |
| <b>PVT SECTOR</b>     | <b>2917.00</b>          | <b>18752.00</b>                | <b>1251.00</b>   | <b>1195.47</b>  | <b>1166.82</b>    | <b>95.56</b>        | <b>102.46</b>        | <b>14220.00</b>       | <b>11024.81</b>  | <b>13632.88</b>    | <b>77.53</b>       | <b>80.87</b>          | <b>56.67</b>          | <b>53.56</b> | <b>53.16</b>      | <b>73.95</b>          | <b>55.05</b> | <b>61.74</b>       |
| <b>IPP SECTOR</b>     | <b>83921.95</b>         | <b>374338.00</b>               | <b>30058.00</b>  | <b>33129.52</b> | <b>30695.49</b>   | <b>110.22</b>       | <b>107.93</b>        | <b>280764.00</b>      | <b>267779.23</b> | <b>275743.76</b>   | <b>95.38</b>       | <b>97.11</b>          | <b>53.36</b>          | <b>58.89</b> | <b>54.21</b>      | <b>56.13</b>          | <b>53.27</b> | <b>54.71</b>       |
| <b>TOTAL THERMAL</b>  | <b>231524.22</b>        | <b>1138533.00</b>              | <b>92867.00</b>  | <b>91369.10</b> | <b>86329.15</b>   | <b>98.39</b>        | <b>105.84</b>        | <b>848447.00</b>      | <b>736875.36</b> | <b>779831.86</b>   | <b>86.85</b>       | <b>94.49</b>          | <b>55.21</b>          | <b>57.06</b> | <b>54.54</b>      | <b>58.22</b>          | <b>51.49</b> | <b>55.85</b>       |

2. SUMMARY - SECTOR WISE

| Category / Sectors     | Monitored Capacity (MW) | Target<br>Apr 2020 to Mar 2021 | GENERATION (GWH) |                  |                   |                    |                      |                       |                  |                    |                    |                       | PLANT LOAD FACTOR (%) |              |                   |                       |              |                    |
|------------------------|-------------------------|--------------------------------|------------------|------------------|-------------------|--------------------|----------------------|-----------------------|------------------|--------------------|--------------------|-----------------------|-----------------------|--------------|-------------------|-----------------------|--------------|--------------------|
|                        |                         |                                | DEC-2020         |                  |                   |                    |                      | APRIL 2020 - DEC-2020 |                  |                    |                    |                       | DEC-2020              |              |                   | APRIL 2020 - DEC-2020 |              |                    |
|                        |                         |                                | 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 |
|                        |                         |                                |                  |                  | 2019-20           |                    |                      |                       |                  | 2019-20            |                    |                       |                       |              | 2019-20           |                       |              |                    |
| 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                 | 43880.00                       | 4140.00          | 3845.75          | 3676.59           | 92.89              | 104.60               | 33645.00              | 33899.42         | 35807.84           | 100.76             | 94.67                 | 75.40                 | 77.38        | 73.98             | 71.31                 | 76.89        | 81.22              |
| <b>CENTRAL SECTOR</b>  | <b>6780.00</b>          | <b>43880.00</b>                | <b>4140.00</b>   | <b>3845.75</b>   | <b>3676.59</b>    | <b>92.89</b>       | <b>104.60</b>        | <b>33645.00</b>       | <b>33899.42</b>  | <b>35807.84</b>    | <b>100.76</b>      | <b>94.67</b>          | <b>75.40</b>          | <b>76.24</b> | <b>72.89</b>      | <b>71.31</b>          | <b>75.76</b> | <b>80.02</b>       |
| <b>TOTAL NUCLEAR</b>   | <b>6780.00</b>          | <b>43880.00</b>                | <b>4140.00</b>   | <b>3845.75</b>   | <b>3676.59</b>    | <b>92.89</b>       | <b>104.60</b>        | <b>33645.00</b>       | <b>33899.42</b>  | <b>35807.84</b>    | <b>100.76</b>      | <b>94.67</b>          | <b>75.40</b>          | <b>76.24</b> | <b>72.89</b>      | <b>71.31</b>          | <b>75.76</b> | <b>80.02</b>       |
| <b>HYDRO</b>           |                         |                                |                  |                  |                   |                    |                      |                       |                  |                    |                    |                       |                       |              |                   |                       |              |                    |
| <b>CENTRAL SECTOR</b>  |                         |                                |                  |                  |                   |                    |                      |                       |                  |                    |                    |                       |                       |              |                   |                       |              |                    |
| BBMB                   | 2920.30                 | 9600.00                        | 644.00           | 743.96           | 692.91            | 115.52             | 107.37               | 7930.00               | 9627.64          | 10088.96           | 121.41             | 95.43                 |                       |              |                   |                       |              |                    |
| DVC                    | 143.20                  | 206.00                         | 3.00             | 6.01             | 7.00              | 200.33             | 85.86                | 194.00                | 323.54           | 160.64             | 166.77             | 201.41                |                       |              |                   |                       |              |                    |
| NEEPCO.                | 1200.00                 | 4472.00                        | 223.00           | 228.28           | 108.39            | 102.37             | 210.61               | 3908.00               | 3351.47          | 2776.51            | 85.76              | 120.71                |                       |              |                   |                       |              |                    |
| NHDC                   | 1520.00                 | 2700.00                        | 294.00           | 416.44           | 243.28            | 141.65             | 171.18               | 1953.00               | 3422.84          | 3283.43            | 175.26             | 104.25                |                       |              |                   |                       |              |                    |
| NHPC                   | 5451.20                 | 24542.00                       | 815.00           | 930.65           | 1250.13           | 114.19             | 74.44                | 21387.00              | 21145.36         | 21857.66           | 98.87              | 96.74                 |                       |              |                   |                       |              |                    |
| NTPC Ltd.              | 800.00                  | 3482.00                        | 149.00           | 87.32            | 99.28             | 58.60              | 87.95                | 3042.00               | 3002.57          | 3170.04            | 98.70              | 94.72                 |                       |              |                   |                       |              |                    |
| SJVNL                  | 1912.02                 | 8678.00                        | 320.00           | 296.07           | 313.00            | 92.52              | 94.59                | 7866.00               | 8345.01          | 8723.05            | 106.09             | 95.67                 |                       |              |                   |                       |              |                    |
| THDC                   | 1400.00                 | 4160.00                        | 378.00           | 419.52           | 328.81            | 110.98             | 127.59               | 3127.00               | 3219.32          | 3177.87            | 102.95             | 101.30                |                       |              |                   |                       |              |                    |
| <b>CENTRAL SECTOR</b>  | <b>15346.72</b>         | <b>57840.00</b>                | <b>2826.00</b>   | <b>3128.25</b>   | <b>3042.80</b>    | <b>110.70</b>      | <b>102.81</b>        | <b>49407.00</b>       | <b>52437.75</b>  | <b>53238.16</b>    | <b>106.13</b>      | <b>98.50</b>          |                       |              |                   |                       |              |                    |
| <b>STATE SECTOR</b>    | <b>26958.50</b>         | <b>68768.00</b>                | <b>4367.00</b>   | <b>4625.76</b>   | <b>5353.63</b>    | <b>105.93</b>      | <b>86.40</b>         | <b>55628.00</b>       | <b>61463.96</b>  | <b>62761.75</b>    | <b>110.49</b>      | <b>97.93</b>          |                       |              |                   |                       |              |                    |
| <b>PVT SECTOR</b>      | <b>447.00</b>           | <b>1470.00</b>                 | <b>99.00</b>     | <b>99.03</b>     | <b>143.83</b>     | <b>100.03</b>      | <b>68.85</b>         | <b>1118.00</b>        | <b>1116.85</b>   | <b>1178.45</b>     | <b>99.90</b>       | <b>94.77</b>          |                       |              |                   |                       |              |                    |
| <b>IPP SECTOR</b>      | <b>2947.00</b>          | <b>12279.00</b>                | <b>411.00</b>    | <b>339.73</b>    | <b>386.63</b>     | <b>82.66</b>       | <b>87.87</b>         | <b>11055.00</b>       | <b>11660.21</b>  | <b>12399.96</b>    | <b>105.47</b>      | <b>94.03</b>          |                       |              |                   |                       |              |                    |
| <b>TOTAL HYDRO</b>     | <b>45699.22</b>         | <b>140357.00</b>               | <b>7703.00</b>   | <b>8192.77</b>   | <b>8926.89</b>    | <b>106.36</b>      | <b>91.78</b>         | <b>117208.00</b>      | <b>126678.76</b> | <b>129578.32</b>   | <b>108.08</b>      | <b>97.76</b>          |                       |              |                   |                       |              |                    |
| <b>BHUTAN IMP</b>      |                         |                                |                  |                  |                   |                    |                      |                       |                  |                    |                    |                       |                       |              |                   |                       |              |                    |
|                        | 0.00                    | 7230.00                        | 385.00           | 250.93           | 165.50            | 65.18              | 151.62               | 6342.00               | 8434.23          | 5514.50            | 132.99             | 152.95                |                       |              |                   |                       |              |                    |
| <b>ALL INDIA TOTAL</b> | <b>284003.44</b>        | <b>1330000.00</b>              | <b>105095.00</b> | <b>103658.55</b> | <b>99098.13</b>   | <b>98.63</b>       | <b>104.60</b>        | <b>1005642.00</b>     | <b>905887.77</b> | <b>950732.52</b>   | <b>90.08</b>       | <b>95.28</b>          |                       |              |                   |                       |              |                    |

\* PROVISIONAL BASED ON ACTUAL-CUM-ASSESSMENT