

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

SUB- REPORT 4

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

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

2. SUMMARY - SECTOR WISE

Category / Sectors	Monitored Capacity (MW)	Target Apr 2020 to Mar 2021	GENERATION (GWH)										PLANT LOAD FACTOR (%)					
			SEP-2020					APRIL 2020 - SEP-2020					SEP-2020			APRIL 2020 - SEP-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	455.00	564.31	390.06	124.02	144.67	3163.00	754.53	1960.90	23.85	38.48	42.13	52.25	36.12	48.01	11.45	29.76
BRBCL	750.00	4150.00	344.00	293.90	331.03	85.44	88.78	1888.00	1682.48	2215.47	89.11	75.94	63.70	54.43	61.30	57.32	51.08	67.26
DVC	6960.00	38600.00	3073.00	3354.88	2631.23	109.17	127.50	19399.00	16758.49	19725.01	86.39	84.96	61.32	66.95	51.54	63.46	54.82	63.34
K.B.U.N.L	610.00	3000.00	252.00	96.75	232.60	38.39	41.60	1551.00	961.99	1667.45	62.02	57.69	57.38	22.03	52.96	57.89	35.91	62.24
MUNPL	660.00	4000.00	235.00	322.28	131.16	137.14	245.72	1817.00	1337.90	1048.84	73.63	127.56	24.73	67.82	27.60	41.71	46.15	39.01
NEEPCO.	527.00	2827.00	213.00	210.76	221.65	98.95	95.09	1399.00	1324.51	1488.92	94.68	88.96						
NLC	3240.00	21086.00	1683.00	1184.54	1560.81	70.38	75.89	10730.00	8394.26	9572.74	78.23	87.69	58.58	46.65	69.04	61.23	54.18	69.41
NPGCL	660.00	3800.00	274.00	447.97	306.05	163.49	146.37	1809.00	2511.84	306.05	138.85	820.73	57.66	94.27	64.40	62.41	86.65	64.40
NSPCL	500.00	3600.00	297.00	294.83	209.25	99.27	140.90	1958.00	1357.73	1534.00	69.34	88.51	82.50	81.90	58.12	89.16	61.83	69.85
NTECL	1500.00	7950.00	661.00	70.28	289.29	10.63	24.29	3920.00	1005.28	2833.91	25.64	35.47	61.20	6.51	26.79	59.50	15.26	43.02
NTPC Ltd.	49667.23	259166.00	19408.00	21637.69	18964.27	111.49	114.10	130335.00	124116.37	126388.38	95.23	98.20	56.19	65.56	61.84	62.95	62.32	68.21
NTPL	1000.00	6100.00	327.00	420.19	370.12	128.50	113.53	3048.00	2613.69	1931.54	85.75	135.32	45.42	58.36	51.41	69.40	59.51	43.98
ONGC	726.60	4759.00	313.00	449.70	342.73	143.67	131.21	2332.00	2624.98	2467.57	112.56	106.38						
RGPPPL	1967.08	4505.00	377.00	207.14	355.21	54.94	58.31	2267.00	1163.12	2181.33	51.31	53.32						
<b>CENTRAL SECTOR</b>	<b>70267.91</b>	<b>369543.00</b>	<b>27912.00</b>	<b>29555.22</b>	<b>26335.46</b>	<b>105.89</b>	<b>112.23</b>	<b>185616.00</b>	<b>166607.17</b>	<b>175322.11</b>	<b>89.76</b>	<b>95.03</b>	<b>56.19</b>	<b>62.80</b>	<b>58.76</b>	<b>62.33</b>	<b>58.22</b>	<b>65.26</b>
<b>STATE SECTOR</b>	<b>74247.36</b>	<b>375900.00</b>	<b>28686.00</b>	<b>22087.24</b>	<b>22254.61</b>	<b>77.00</b>	<b>99.25</b>	<b>190506.00</b>	<b>127734.44</b>	<b>162152.90</b>	<b>67.05</b>	<b>78.77</b>	<b>54.84</b>	<b>42.97</b>	<b>43.35</b>	<b>60.39</b>	<b>39.99</b>	<b>53.31</b>
<b>PVT SECTOR</b>	<b>2917.00</b>	<b>18752.00</b>	<b>1551.00</b>	<b>1246.39</b>	<b>1479.27</b>	<b>80.36</b>	<b>84.26</b>	<b>10030.00</b>	<b>6986.76</b>	<b>9711.30</b>	<b>69.66</b>	<b>71.94</b>	<b>73.94</b>	<b>57.09</b>	<b>60.76</b>	<b>78.67</b>	<b>52.10</b>	<b>62.71</b>
<b>IPP SECTOR</b>	<b>83921.95</b>	<b>374338.00</b>	<b>30607.00</b>	<b>32691.56</b>	<b>28910.91</b>	<b>106.81</b>	<b>113.08</b>	<b>192723.00</b>	<b>171579.64</b>	<b>187668.45</b>	<b>89.03</b>	<b>91.43</b>	<b>56.03</b>	<b>59.88</b>	<b>52.12</b>	<b>57.93</b>	<b>51.07</b>	<b>55.91</b>

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Category / Sectors	Monitored Capacity (MW)	Target Apr 2020 to Mar 2021	GENERATION (GWH)										PLANT LOAD FACTOR (%)					
			SEP-2020					APRIL 2020 - SEP-2020					SEP-2020			APRIL 2020 - SEP-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			2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
<b>TOTAL THERMAL</b>	<b>231354.22</b>	<b>1138533.00</b>	<b>88756.00</b>	<b>85580.41</b>	<b>78980.25</b>	<b>96.42</b>	<b>108.36</b>	<b>578875.00</b>	<b>472908.01</b>	<b>534854.76</b>	<b>81.69</b>	<b>88.42</b>	<b>55.92</b>	<b>55.17</b>	<b>51.30</b>	<b>60.37</b>	<b>49.58</b>	<b>57.87</b>
<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	0.00
NPCIL	6680.00	43880.00	4010.00	3796.92	4220.23	94.69	89.97	21355.00	22168.51	24026.47	103.81	92.27	75.47	78.94	87.75	69.15	75.56	81.89
<b>CENTRAL SECTOR</b>	<b>6780.00</b>	<b>43880.00</b>	<b>4010.00</b>	<b>3796.92</b>	<b>4220.23</b>	<b>94.69</b>	<b>89.97</b>	<b>21355.00</b>	<b>22168.51</b>	<b>24026.47</b>	<b>103.81</b>	<b>92.27</b>	<b>75.47</b>	<b>77.78</b>	<b>86.45</b>	<b>69.15</b>	<b>74.45</b>	<b>80.69</b>
<b>TOTAL NUCLEAR</b>	<b>6780.00</b>	<b>43880.00</b>	<b>4010.00</b>	<b>3796.92</b>	<b>4220.23</b>	<b>94.69</b>	<b>89.97</b>	<b>21355.00</b>	<b>22168.51</b>	<b>24026.47</b>	<b>103.81</b>	<b>92.27</b>	<b>75.47</b>	<b>77.78</b>	<b>86.45</b>	<b>69.15</b>	<b>74.45</b>	<b>80.69</b>
<b>HYDRO</b>																		
<b>CENTRAL SECTOR</b>																		
BBMB	2920.30	9600.00	1040.00	1361.29	1464.02	130.89	92.98	5952.00	7253.36	7737.71	121.86	93.74						
DVC	143.20	206.00	48.00	29.85	23.47	62.19	127.19	154.00	248.01	68.91	161.05	359.90						
NEEPCO.	1200.00	4472.00	677.00	452.44	480.95	66.83	94.07	2872.00	2361.69	2245.96	82.23	105.15						
NHDC	1520.00	2700.00	289.00	1050.95	923.90	363.65	113.75	1098.00	2508.30	2167.80	228.44	115.71						
NHPC	5451.20	24542.00	2731.00	2848.90	2563.84	104.32	111.12	17600.00	17438.26	17459.75	99.08	99.88						
NTPC Ltd.	800.00	3482.00	294.00	411.02	471.18	139.80	87.23	2507.00	2641.27	2773.39	105.36	95.24						
SJVNL	1912.02	8678.00	1025.00	1298.09	1310.92	126.64	99.02	6539.00	7084.40	7398.40	108.34	95.76						
THDC	1400.00	4160.00	344.00	429.58	518.07	124.88	82.92	2187.00	2282.31	2232.17	104.36	102.25						
<b>CENTRAL SECTOR</b>	<b>15346.72</b>	<b>57840.00</b>	<b>6448.00</b>	<b>7882.12</b>	<b>7756.35</b>	<b>122.24</b>	<b>101.62</b>	<b>38909.00</b>	<b>41817.60</b>	<b>42084.09</b>	<b>107.48</b>	<b>99.37</b>						
<b>STATE SECTOR</b>	<b>26958.50</b>	<b>68768.00</b>	<b>8748.00</b>	<b>9055.15</b>	<b>10931.83</b>	<b>103.51</b>	<b>82.83</b>	<b>39958.00</b>	<b>44330.95</b>	<b>42586.12</b>	<b>110.94</b>	<b>104.10</b>						
<b>PVT SECTOR</b>	<b>447.00</b>	<b>1470.00</b>	<b>121.00</b>	<b>128.96</b>	<b>124.92</b>	<b>106.58</b>	<b>103.23</b>	<b>782.00</b>	<b>816.14</b>	<b>801.97</b>	<b>104.37</b>	<b>101.77</b>						
<b>IPP SECTOR</b>	<b>2947.00</b>	<b>12279.00</b>	<b>1515.00</b>	<b>1873.41</b>	<b>1977.63</b>	<b>123.66</b>	<b>94.73</b>	<b>9372.00</b>	<b>10010.62</b>	<b>10522.01</b>	<b>106.81</b>	<b>95.14</b>						
<b>TOTAL HYDRO</b>	<b>45699.22</b>	<b>140357.00</b>	<b>16832.00</b>	<b>18939.64</b>	<b>20790.73</b>	<b>112.52</b>	<b>91.10</b>	<b>89021.00</b>	<b>96975.30</b>	<b>95994.19</b>	<b>108.94</b>	<b>101.02</b>						
<b>BHUTAN IMP</b>																		
	0.00	7230.00	792.00	1526.17	1203.30	192.70	126.83	4821.00	6883.87	4184.10	142.79	164.52						

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			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			2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
<b>ALL INDIA TOTAL</b>	<b>283833.44</b>	<b>1330000.00</b>	<b>110390.00</b>	<b>109843.14</b>	<b>105194.51</b>	<b>99.50</b>	<b>104.42</b>	<b>694072.00</b>	<b>598935.69</b>	<b>659059.52</b>	<b>86.29</b>	<b>90.88</b>						

\* PROVISIONAL BASED ON ACTUAL-CUM-ASSESSMENT