

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

ENERGYWISE - PERFORMANCE STATUS ALL INDIA - REGIONWISE

PERIOD:SEP-2024 VIS-A-VIS SEP-2023 AND APR-SEP-2024 VIS-A-VIS APR-SEP-2023

2. SUMMARY - REGION WISE

Category / Regions	Monitored Capacity (MW)	Target Apr 2024 to Mar 2025	GENERATION (GWH)										PLANT LOAD FACTOR (%)					
			SEP-2024					APRIL 2024 - SEP-2024					SEP-2024			APRIL 2024 - SEP-2024		
			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
					2023-24					2023-24					2023-24			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
NORTHERN REGION																		
THERMAL	53179.96	322361.00	27449.00	23523.72	24710.73	85.70	95.20	168643.00	157359.84	144769.78	93.31	108.70	77.99	68.53	72.16	79.81	73.84	69.17
NUCLEAR	1620.00	10793.00	938.00	926.22	855.24	98.74	108.30	5156.00	5570.17	5335.45	108.03	104.40	85.71	79.41	73.32	77.23	78.29	74.99
HYDRO	19774.27	80886.00	9544.00	10114.95	8965.81	105.98	112.82	55526.00	55278.94	51801.06	99.56	106.71						
Total	74574.23	414040.00	37931.00	34564.89	34531.78	91.13	100.10	229325.00	218208.95	201906.29	95.15	108.07						
WESTERN REGION																		
THERMAL	96592.50	544560.00	44757.00	38465.62	43073.48	85.94	89.30	275075.00	272045.98	258513.10	98.90	105.23	70.65	60.23	67.93	71.19	69.45	66.98
NUCLEAR	3240.00	22576.00	1875.00	1813.65	1586.76	96.73	114.30	11242.00	10845.88	7250.61	96.48	149.59	77.26	77.75	86.77	83.98	76.22	75.32
HYDRO	7392.00	16573.00	2436.00	3311.23	2152.68	135.93	153.82	9321.00	11427.22	9860.49	122.60	115.89						
Total	107224.50	583709.00	49068.00	43590.50	46812.92	88.84	93.12	295638.00	294319.08	275624.20	99.55	106.78						
SOUTHERN REGION																		
THERMAL	52933.79	286830.00	22328.00	18557.06	19428.92	83.11	95.51	146299.00	124399.46	120171.14	85.03	103.52	67.57	55.94	60.88	72.69	61.16	62.01
NUCLEAR	3320.00	21979.00	1842.00	2186.57	2083.77	118.71	104.93	10671.00	11910.57	10482.46	111.62	113.62	77.06	91.47	87.17	73.18	81.68	71.89
HYDRO	11747.15	30878.00	3643.00	4752.04	1748.11	130.44	271.84	14583.00	16883.13	11816.07	115.77	142.88						
Total	68000.94	339687.00	27813.00	25495.67	23260.80	91.67	109.61	171553.00	153193.16	142469.67	89.30	107.53						
EASTERN REGION																		
THERMAL	37889.71	275250.00	22001.00	20494.43	20365.86	93.15	100.63	138310.00	129578.63	123237.18	93.69	105.15	79.41	75.17	76.31	82.89	77.83	76.29
HYDRO	5987.75	12220.00	1677.00	1595.08	2595.73	95.12	61.45	7767.00	6368.38	13237.47	81.99	48.11						
Total	43877.46	287470.00	23678.00	22089.51	22961.59	93.29	96.20	146077.00	135947.01	136474.65	93.07	99.61						
NORTH EASTERN REGION																		
THERMAL	2450.95	15942.00	1366.00	1110.47	1241.56	81.29	89.44	8175.00	6790.12	7679.20	83.06	88.42	88.70	80.66	79.32	89.50	77.94	80.06
HYDRO	2027.00	7152.00	1068.00	800.95	860.42	75.00	93.09	4670.00	4623.63	4013.83	99.01	115.19						

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					2023-24					2023-24					2023-24			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Total	4477.95	23094.00	2434.00	1911.42	2101.98	78.53	90.93	12845.00	11413.75	11693.03	88.86	97.61						
BHUTAN IMP. REGION																		
	0.00	8000.00	847.00	1165.60	869.40	137.62	134.07	4587.00	4243.50	4135.50	92.51	102.61						
ALL INDIA REGION																		
THERMAL	243046.92	1444943.00	117901.00	102151.30	108820.55	86.64	93.87	736502.00	690174.03	654370.40	93.71	105.47	73.16	63.80	68.89	75.44	70.18	68.10
NUCLEAR	8180.00	55348.00	4655.00	4926.44	4525.77	105.83	108.85	27069.00	28326.62	23068.52	104.65	122.79	78.91	83.65	84.03	77.73	78.85	73.65
HYDRO	46928.17	147709.00	18368.00	20574.25	16322.75	112.01	126.05	91867.00	94581.30	90728.92	102.95	104.25						
BHUTAN IMP.	0.00	8000.00	847.00	1165.60	869.40	137.62	134.07	4587.00	4243.50	4135.50	92.51	102.61						
Total	298155.09	1656000.00	141771.00	128817.59	130538.47	90.86	98.68	860025.00	817325.45	772303.34	95.04	105.83						