

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

SUMMARY - THERMAL, HYDRO, AND NUCLEAR (CONSOLIDATED)

Category / Sectors	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	
CENTRAL SECTOR																		
THERMAL	78897.91	543246.00	44294.00	37732.18	39441.21	85.19	95.67	275517.00	242336.13	234597.14	87.96	103.30	81.92	71.29	75.77	84.84	74.63	74.83
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	15742.72	61363.00	7629.00	7902.60	7153.60	103.59	110.47	40865.00	41381.31	40702.42	101.26	101.67						
TOTAL	102820.63	659957.00	56578.00	50561.22	51120.58	89.37	98.91	343451.00	312044.06	298368.08	90.86	104.58						
STATE SECTOR																		
THERMAL	78409.87	452967.00	35776.00	29366.77	31571.33	82.09	93.02	228933.00	207731.05	198891.45	90.74	104.44	67.87	56.47	61.60	71.51	64.99	63.76
HYDRO	27254.45	69543.00	8634.00	10565.39	7129.14	122.37	148.20	39002.00	41194.69	39134.61	105.62	105.26						
TOTAL	105664.32	522510.00	44410.00	39932.16	38700.47	89.92	103.18	267935.00	248925.74	238026.06	92.91	104.58						
PVT. SECTOR UTL.																		
THERMAL	3264.19	19345.00	1669.00	1553.68	1563.25	93.09	99.39	10242.00	10183.89	9485.40	99.43	107.36	76.02	64.15	67.22	76.40	69.42	66.29
HYDRO	447.00	1480.00	113.00	149.57	115.06	132.36	129.99	810.00	945.68	887.14	116.75	106.60						
TOTAL	3711.19	20825.00	1782.00	1703.25	1678.31	95.58	101.49	11052.00	11129.57	10372.54	100.70	107.30						
PVT. SECTOR IPP																		
THERMAL	82474.96	429385.00	36162.00	33498.67	36244.76	92.63	92.42	221810.00	229922.96	211396.41	103.66	108.76	69.55	63.43	69.18	69.94	70.80	65.83
HYDRO	3484.00	15323.00	1992.00	1956.69	1924.95	98.23	101.65	11190.00	11059.62	10004.75	98.83	110.54						
TOTAL	85958.96	444708.00	38154.00	35455.36	38169.71	92.93	92.89	233000.00	240982.58	221401.16	103.43	108.84						
TOTAL PVT	89670.14	465533.00	39936.00	37158.61	39848.02	93.05	93.25	244052.00	252112.15	231773.70	103.30	108.78						
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						