

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

SUB- REPORT 5

ENERGYWISE - PERFORMANCE STATUS ALL INDIA - REGIONWISE
PERIOD:SEP-2021 VIS-A-VIS SEP-2020 AND APR-SEP-2021 VIS-A-VIS APR-SEP-2020

SECTOR WISE DETAILS - CENTRAL SECTOR (THERMAL)

Category / Sectors Stations	Monitered Capacity (MW)	Target Apr 2021 to Mar 2022	GENERATION (GWH)										PLANT LOAD FACTOR (%)					
			Sep-2021					APRIL 2021- Sep-2021					Sep-2021			APRIL 2021- Sep-2021		
			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
					2020-21					2020-21					2020-21			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
THERMAL																		
CENTRAL SECTOR																		
APCPL																		
INDIRA GANDHI STPP	1500.00	3500.00	288.00	584.35	564.21	202.90	103.57	1755.00	3037.01	754.43	173.05	402.56	26.67	54.11	52.24	26.64	46.10	11.45
Total APCPL	1500.00	3500.00	288.00	584.35	564.21	202.90	103.57	1755.00	3037.01	754.43	173.05	402.56	26.67	54.11	52.24	26.64	46.10	11.45
BRBCL																		
NABINAGAR TPP	750.00	5200.00	408.00	284.86	309.39	69.82	92.07	2501.00	2380.34	1697.97	95.18	140.19	56.67	52.75	57.29	56.94	72.26	51.55
Total BRBCL	750.00	5200.00	408.00	284.86	309.39	69.82	92.07	2501.00	2380.34	1697.97	95.18	140.19	56.67	52.75	57.29	56.94	72.26	51.55
DVC																		
BOKARO `B` TPS	0.00	360.00	30.00	0.00	0.00	0.00	0.00	183.00	0.00	10.87	0.00	0.00	19.84			19.84		1.18
BOKARO TPS `A` EXP	500.00	3150.00	259.00	260.37	267.97	100.53	97.16	1577.00	1697.89	1525.51	107.67	111.30	71.94	72.33	74.44	71.81	77.32	69.47
CHANDRAPURA(DVC) TPS	500.00	3150.00	164.00	294.32	340.88	179.46	86.34	1529.00	1884.79	1596.42	123.27	118.06	45.56	81.76	94.69	69.63	85.83	72.70
DURGAPUR STEEL TPS	1000.00	6300.00	517.00	508.49	532.50	98.35	95.49	3297.00	3092.32	2634.23	93.79	117.39	71.81	70.62	73.96	75.07	70.41	59.98
DURGAPUR TPS	210.00	360.00	29.00	0.00	0.71	0.00	0.00	180.00	49.57	0.71	27.54	6981.69	19.18		0.47	19.52	5.37	0.08
KODARMA TPP	1000.00	6305.00	575.00	538.68	677.93	93.68	79.46	3164.00	3370.44	3492.73	106.52	96.50	79.86	74.82	94.16	72.04	76.74	79.52
MEJIA TPS	2340.00	13000.00	1111.00	1117.53	1209.09	100.59	92.43	6456.00	7183.13	5291.98	111.26	135.74	65.94	66.33	71.76	62.82	69.89	51.49
RAGHUNATHPUR TPP	1200.00	6000.00	520.00	538.67	330.54	103.59	162.97	2846.00	2959.20	2210.78	103.98	133.85	60.19	62.35	38.26	54.00	56.15	41.95
Total DVC	6750.00	38625.00	3205.00	3258.06	3359.62	101.66	96.98	19232.00	20237.34	16763.23	105.23	120.72	63.96	67.04	67.04	62.91	67.92	54.84
K.B.U.N.L																		
MUZAFFARPUR TPS	610.00	3000.00	256.00	146.44	97.15	57.20	150.74	1442.00	1393.79	962.39	96.66	144.83	58.29	33.34	22.12	53.82	52.02	35.92
Total K.B.U.N.L	610.00	3000.00	256.00	146.44	97.15	57.20	150.74	1442.00	1393.79	962.39	96.66	144.83	58.29	33.34	22.12	53.82	52.02	35.92
MUNPL																		
MEJA STPP	1320.00	6590.00	591.00	757.99	322.28	128.26	235.20	3603.00	4259.53	1337.90	118.22	318.37	62.18	79.75	67.82	62.15	73.47	46.15
Total MUNPL	1320.00	6590.00	591.00	757.99	322.28	128.26	235.20	3603.00	4259.53	1337.90	118.22	318.37	62.18	79.75	67.82	62.15	73.47	46.15
NEEPCO.																		

SECTOR WISE DETAILS - CENTRAL SECTOR (THERMAL)

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			Sep-2021					APRIL 2021- Sep-2021					Sep-2021			APRIL 2021- Sep-2021		
		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	
				2020-21					2020-21					2020-21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
AGARTALA GT	135.00	740.00	62.00	75.32	67.16	121.48	112.15	367.00	490.96	411.74	133.78	119.24						
KATHALGURI CCPP	291.00	1600.00	123.00	142.86	113.23	116.15	126.17	797.00	911.98	696.97	114.43	130.85						
MONARCHAK CCPP	101.00	620.00	51.00	54.32	31.09	106.51	174.72	312.00	369.80	216.52	118.52	170.79						
Total NEEPCO.	527.00	2960.00	236.00	272.50	211.48	115.47	128.85	1476.00	1772.74	1325.23	120.10	133.77						
NLC																		
BARSINGSAR LIGNITE	250.00	1530.00	137.00	101.18	135.86	73.85	74.47	699.00	742.16	748.69	106.17	99.13	76.11	56.21	75.48	63.66	67.59	68.19
NEYVELI (EXT) TPS	420.00	2900.00	255.00	264.08	151.68	103.56	174.10	1355.00	1614.59	1605.49	119.16	100.57	84.33	87.33	50.16	73.46	87.53	87.04
NEYVELI NEW TPP	1000.00	4800.00	425.00	567.09	274.49	133.43	206.60	2438.00	3143.21	1487.24	128.93	211.34	59.03		55.51			
NEYVELI TPS-I	0.00	0.00	0.00	0.00	39.57	0.00	0.00	0.00	0.00	531.14	0.00	0.00			54.96			45.35
NEYVELI TPS-II	1470.00	8480.00	677.00	813.64	380.94	120.18	213.59	4138.00	5098.50	3058.11	123.21	166.72	63.96	76.87	35.99	64.09	78.97	47.37
NEYVELI TPS-II EXP	500.00	2690.00	264.00	126.93	218.77	48.08	58.02	1350.00	1136.12	980.36	84.16	115.89	73.33	35.26	60.77	61.48	51.74	44.64
Total NLC	3640.00	20400.00	1758.00	1872.92	1201.31	106.54	155.91	9980.00	11734.58	8411.03	117.58	139.51	67.08	68.70	46.98	62.43	74.10	54.24
NPGL																		
NABINAGAR STPP	1320.00	6400.00	549.00	703.40	450.57	128.12	156.11	3064.00	3333.90	2514.44	108.81	132.59	38.51	74.01	94.82	48.85	79.06	86.74
Total NPGL	1320.00	6400.00	549.00	703.40	450.57	128.12	156.11	3064.00	3333.90	2514.44	108.81	132.59	38.51	74.01	94.82	48.85	79.06	86.74
NSPCL																		
BHILAI TPS	500.00	3450.00	302.00	194.80	294.83	64.50	66.07	1657.00	1803.68	1357.73	108.85	132.85	83.89	54.11	81.90	75.46	82.13	61.83
ROURKELA PP-II EXPANSION	0.00	400.00	36.00	0.00	0.00	0.00	0.00	184.00	0.00	0.00	0.00	0.00	20.00		20.04			
Total NSPCL	500.00	3850.00	338.00	194.80	294.83	57.63	66.07	1841.00	1803.68	1357.73	97.97	132.85	62.59	54.11	81.90	59.12	82.13	61.83
NTECL																		
VALLUR TPP	1500.00	8000.00	476.00	659.81	70.28	138.62	938.83	3777.00	3950.63	1005.28	104.60	392.99	44.07	61.09	6.51	57.33	59.97	15.26
Total NTECL	1500.00	8000.00	476.00	659.81	70.28	138.62	938.83	3777.00	3950.63	1005.28	104.60	392.99	44.07	61.09	6.51	57.33	59.97	15.26
NTPC Ltd.																		
BARAUNI TPS	710.00	1500.00	130.00	154.81	131.67	119.08	117.57	792.00	951.65	740.62	120.16	128.49	25.43	30.28	25.76	25.40	30.52	23.75
BARH I	0.00	1350.00	107.00	0.00	0.00	0.00	0.00	651.00	0.00	0.00	0.00	0.00	22.52		22.46			
BARH II	1320.00	8200.00	723.00	593.16	721.76	82.04	82.18	4156.00	4133.07	3264.11	99.45	126.62	76.07	62.41	75.94	71.69	71.29	56.30
BONGAIGAON TPP	750.00	2900.00	238.00	363.16	249.37	152.59	145.63	1452.00	2066.84	1429.74	142.34	144.56	44.07	67.25	46.18	44.08	62.75	43.40
DADRI (NCTPP)	1820.00	3600.00	308.00	560.34	509.50	181.93	109.98	1878.00	3105.35	1774.48	165.35	175.00	23.50	42.76	38.88	23.49	38.85	22.20
DARLIPALI STPS	1600.00	5750.00	484.00	1042.19	500.73	215.33	208.13	2808.00	3822.25	1751.22	136.12	218.26	42.01	90.47	86.93	39.96	88.28	49.84
FARAKKA STPS	2100.00	11000.00	968.00	801.50	968.08	82.80	82.79	5590.00	5643.86	5399.86	100.96	104.52	64.02	53.01	64.03	60.61	61.19	58.55

SECTOR WISE DETAILS - CENTRAL SECTOR (THERMAL)

Category / Sectors Stations	Monitered Capacity (MW)	Target	GENERATION (GWH)										PLANT LOAD FACTOR (%)					
			Sep-2021					APRIL 2021- Sep-2021					Sep-2021			APRIL 2021- Sep-2021		
		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	
				2020-21					2020-21					2020-21				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
GADARWARA TPP	1600.00	6900.00	602.00	868.93	367.54	144.34	236.42	3253.00	3729.70	1174.80	114.65	317.48	52.26	75.43	63.81	46.29	53.08	33.44
KAHALGAON TPS	2340.00	11000.00	918.00	1123.28	1030.04	122.36	109.05	5428.00	8199.18	6670.51	151.05	122.92	54.49	66.67	61.14	52.82	79.78	64.91
KHARGONE STPP	1320.00	2600.00	107.00	544.47	209.25	508.85	260.20	1246.00	2280.86	846.37	183.05	269.49	11.26			21.49		
KORBA STPS	2600.00	19700.00	1610.00	1770.14	1750.01	109.95	101.15	9589.00	10606.17	11061.67	110.61	95.88	86.00	94.56	93.48	83.97	92.88	96.87
KUDGI STPP	2400.00	1500.00	131.00	599.58	119.17	457.69	503.13	704.00	1962.72	495.86	278.80	395.82	7.58	34.70	6.90	6.68	18.62	4.70
LARA TPP	1600.00	7200.00	623.00	684.94	544.58	109.94	125.77	3420.00	5608.39	1739.33	163.99	322.45	54.08	59.46	93.49	48.67	79.81	49.33
MAUDA TPS	2320.00	4600.00	410.00	969.00	483.33	236.34	200.48	2391.00	6437.35	894.92	269.23	719.32	24.55	58.01	28.93	23.47	63.18	8.78
NORTH KARANPURA TPP	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
RAMAGUNDEM STPS	2600.00	15900.00	1300.00	1519.24	1172.74	116.86	129.55	7778.00	9080.73	7813.52	116.75	116.22	69.44	81.16	62.65	68.11	79.52	68.42
RIHAND STPS	3000.00	22400.00	1785.00	1733.49	2064.39	97.11	83.97	11082.00	10777.80	12460.64	97.26	86.49	82.64	80.25	95.57	84.11	81.80	94.57
SIMHADRI	2000.00	7000.00	485.00	966.99	589.27	199.38	164.10	2745.00	5194.20	3951.99	189.22	131.43	33.68	67.15	40.92	31.25	59.13	44.99
SINGRAULI STPS	2000.00	14700.00	1154.00	1363.08	968.43	118.12	140.75	7140.00	6950.39	7148.40	97.34	97.23	80.14	94.66	67.25	81.28	79.13	81.38
SIPAT STPS	2980.00	22300.00	1926.00	1438.78	2018.24	74.70	71.29	10605.00	11531.47	12492.29	108.74	92.31	89.77	67.06	94.06	81.03	88.11	95.45
SOLAPUR STPS	1320.00	2400.00	206.00	556.49	239.33	270.14	232.52	1150.00	1875.21	429.26	163.06	436.85	21.68	58.55	25.18	19.84	32.35	7.40
TALCHER (OLD) TPS	0.00	3200.00	258.00	0.00	269.28	0.00	0.00	1695.00	0.00	1827.11	0.00	0.00	77.90		81.30	83.90		90.44
TALCHER STPS	3000.00	20800.00	1567.00	1863.20	1761.32	118.90	105.78	10288.00	11005.73	11382.89	106.98	96.69	72.55	86.26	81.54	78.08	83.53	86.39
TANDA TPS	1760.00	9300.00	753.00	572.52	259.02	76.03	221.03	4393.00	4289.37	2673.28	97.64	160.45	59.42	25.46	32.70	64.95	59.84	55.33
TELANGANA STPP	0.00	225.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
UNCHAHAHAR TPS	1550.00	6090.00	478.00	646.45	633.28	135.24	102.08	3019.00	4241.22	3261.99	140.48	130.02	42.83	57.93	56.75	44.35	62.30	47.92
VINDHYACHAL STPS	4760.00	35700.00	2659.00	2848.37	3326.21	107.12	85.63	17725.00	17925.56	18880.59	101.13	94.94	77.59	83.11	97.05	84.78	85.74	90.31
ANTA CAPP	419.33	375.00	30.00	16.26	22.71	54.20	71.60	188.00	60.50	363.67	32.18	16.64						
AURAIYA CAPP	663.36	750.00	63.00	52.11	38.90	82.71	133.96	383.00	263.98	641.08	68.92	41.18						
DADRI CAPP	829.78	1450.00	125.00	152.76	298.31	122.21	51.21	730.00	566.87	1252.97	77.65	45.24						
FARIDABAD CAPP	431.59	750.00	67.00	70.80	71.31	105.67	99.28	351.00	179.88	620.99	51.25	28.97						
GANDHAR CAPP	657.39	800.00	65.00	0.00	156.00	0.00	0.00	399.00	207.62	814.37	52.04	25.49						
KAWAS CAPP	656.20	1100.00	91.00	47.01	169.50	51.66	27.73	541.00	131.81	863.42	24.36	15.27						
R. GANDHI CAPP (Liq.)	359.58	10.00	1.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00						
Total NTPC Ltd.	51467.23	253450.00	20372.00	23923.05	21643.27	117.43	110.53	123576.00	142829.73	124121.95	115.58	115.07	56.99	69.24	65.95	56.97	69.78	62.09
NTPL																		
NTPL TUTICORIN TPP	1000.00	5600.00	490.00	294.54	417.08	60.11	70.62	2687.00	2576.15	2610.58	95.87	98.68	68.06	40.91	57.93	61.18	58.66	59.44

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Total NTPL	1000.00	5600.00	490.00	294.54	417.08	60.11	70.62	2687.00	2576.15	2610.58	95.87	98.68	68.06	40.91	57.93	61.18	58.66	59.44
NUPPL																		
GHATAMPUR TPP	0.00	1000.00	89.00	0.00	0.00	0.00	0.00	457.00	0.00	0.00	0.00	0.00						
Total NUPPL	0.00	1000.00	89.00	0.00	0.00	0.00	0.00	457.00	0.00	0.00	0.00	0.00						
ONGC																		
TRIPURA CCPP	726.60	5000.00	431.00	424.44	449.87	98.48	94.35	2426.00	1734.27	2625.15	71.49	66.06						
Total ONGC	726.60	5000.00	431.00	424.44	449.87	98.48	94.35	2426.00	1734.27	2625.15	71.49	66.06						
RGPPL																		
RATNAGIRI CCPP	1967.08	3020.00	251.00	221.69	207.27	88.32	106.96	1500.00	1881.53	1163.25	125.44	161.75						
Total RGPPL	1967.08	3020.00	251.00	221.69	207.27	88.32	106.96	1500.00	1881.53	1163.25	125.44	161.75						
Total CENTRAL SECTOR	73577.91	366595.00	29738.00	33598.85	29598.61	112.98	113.51	179317.00	202925.22	166650.56	113.17	121.77	57.08	67.64	63.19	57.20	68.94	58.12

* PROVISIONAL BASED ON ACTUAL-CUM-ASSESSMENT