

HESCOM TOTAL POWER PURCHASE FOR FY21								
SI No	NAME OF THE GENERATING STATION	Percent age	Energy considere d (MU)	Capacity Charges	Variable Charges		Total Cost	
				Amount in Crores	Amount in Crores	Cost/ Unit in Rs	Amount in Crores	Cost/ Unit in Rs
A	KPCL THERMAL							
1	RAICHUR THERMAL POWER STATION_RTPS 1-7 (7x210)	22.308	1561.27	197.11	541.76	3.47	738.87	4.73
2	RAICHUR THERMAL POWER STATION_RTPS 8 (1x250)	17.146	240.04	36.82	84.98	3.54	121.79	5.07
3	BELLARY THERMAL POWER STATIONS_BTPTS-1 (1x500)	17.146	208.55	55.91	83.21	3.99	139.13	6.67
4	BELLARY THERMAL POWER STATIONS_BTPTS-2 (1x500)	17.146	226.36	78.28	82.39	3.64	160.67	7.10
5	BELLARY THERMAL POWER STATIONS_BTPTS-3 (1x700)	17.146	412.21	129.43	142.62	3.46	272.05	6.60
6	YTPS	17.146	317.94	243.34	117.64	3.70	360.98	11.35
	TOTAL KPCL THERMAL		2966.36	740.89	1052.60		1793.50	6.05
B	CGS SOURCES							
1	N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	17.565	389.08	34.33	104.66	2.69	138.99	3.57
2	N.T.P.C-RSTP-III (1X500MW)	17.565	104.74	9.05	28.49	2.72	37.55	3.58
3	NTPC-Talcher (4X500MW)	17.565	397.28	31.62	79.06	1.99	110.68	2.79
4	Simhadri Unit -1 &2 (2X500MW)	17.565	177.48	35.45	63.18	3.56	98.63	5.56
5	NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	17.565	131.32	33.67	52.40	3.99	86.07	6.55
6	Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	17.565	129.63	11.96	36.94	2.85	48.90	3.77
7	Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	17.565	180.14	16.72	51.34	2.85	68.06	3.78
8	Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	17.565	136.01	12.51	35.36	2.60	47.87	3.52
9	Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	17.565	106.48	33.02	28.22	2.65	61.24	5.75

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10	NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	17.565	200.84	39.22	61.66	3.07	100.88	5.02
11	MAPS (2X220MW)	17.565	15.08	0.00	4.33	2.87	4.33	2.87
12	Kaiga Unit 1&2 (2X220MW)	17.565	148.40	0.00	62.48	4.21	62.48	4.21
13	Kaiga Unit 3 &4 (2X200MW)	17.565	150.96	0.00	63.56	4.21	63.56	4.21
14	NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	17.565	223.03	0.00	94.79	4.25	94.79	4.25
15	NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	17.565	263.14	0.00	111.83	4.25	111.83	4.25
16	DVC-Unit-1 &2 Meja TPS (2x500MW)	17.565	204.07	35.80	61.43	3.01	97.23	4.76
17	DVC-Unit-7 & 8- KODERMA TPS (2x500MW)	17.565	255.09	51.63	68.36	2.68	119.99	4.70
18	Kudgi	24.000	288.00	232.05	109.15	3.79	341.21	11.85
19	New NLC thermal Project	17.565	80.32	19.58	18.15	2.26	37.74	4.70
	TOTAL CGS Energy @ KPTCI periphery		3581.10	596.64	1135.39		1732.03	4.84
C	MAJOR IPPS							
1	UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	12.000	432.00	136.94	156.82	3.63	293.76	6.80
D	KPCL HYDEL STATIONS							
1	SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	17.100	855.55	0.00	39.36	0.46	39.36	0.46
2	MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	30.500	79.24	0.00	5.63	0.71	5.63	0.71
3	GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	30.500	160.25	0.00	28.36	1.77	28.36	1.77
4	KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	23.1820	723.05	0.00	52.06	0.72	52.06	0.72
5	VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	30.500	307.60	0.00	43.06	1.40	43.06	1.40

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6	ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	30.500	132.54	0.00	21.47	1.62	21.47	1.62
7	BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	30.500	14.60	0.00	7.97	5.46	7.97	5.46
8	KADRA POWER HOUSE_KPH (3x50)	30.500	113.06	0.00	27.81	2.46	27.81	2.46
9	KODASALLI DAM POWER HOUSE_KDPH (3x40)	30.500	105.86	0.00	18.74	1.77	18.74	1.77
10	GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	30.500	20.76	0.00	4.28	2.06	4.28	2.06
11	SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	30.500	88.90	0.00	3.64	0.41	3.64	0.41
12	MUNIRABAD POWER HOUSE (2x9+1x10)	30.500	27.89	0.00	3.12	1.12	3.12	1.12
	TOTAL KPCL HYDRO		2629.28	0.00	255.50		255.50	0.97
D	OTHER HYDRO							
1	PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	19.565	30.63	0.00	11.48	3.75	11.48	3.75
2	TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	19.565	5.29	0.00	0.59	1.12	0.59	1.12
	TOTAL OTHER HYDRO		35.92	0.00	12.07	0.00	12.07	3.36
	RE SOURCES			0.00	0.00	0.00	0.00	0.00
1	WIND-IPPS		2234.40	0.00	869.18	3.89	869.18	3.89
2	KPCL-WIND (9x0.225+10x0.230)			0.00	0.00	4.01	0.00	4.01
3	MINI HYDEL-IPPS		32.65	0.00	10.87	3.33	10.87	3.33
4	CO-GEN		430.25	0.00	163.93	3.81	163.93	3.81
5	CAPPTIVE		185.02	0.00	73.64	3.98	73.64	3.98
6	BIOMASS			0.00	0.00	5.40	0.00	5.40
7	Solar Existing		1081.48	0.00	445.94	4.12	445.94	4.12
8	SRTPV			0.00	0.00	6.24	0.00	6.24
9	Solar taluka Projects		133.15	0.00	41.41	3.11	41.41	3.11
10	Solar-New Park Pavagada		305.84	0.00	86.55	2.83	86.55	2.83
11	Wind MOA		154.87	0.00	59.47	3.84	59.47	3.84

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12	SOLAR-KPCL (YELESANDRA,ITNAL,YAP ALDINNI,SHIMSHA) (3x1+3x1+1x3x1x5)		3.13	0.00	1.88	6.00	1.88	6.00
	TOTAL RE		4560.79	0.00	1752.87	0.00	1752.87	0.00
1	Bundled power Coal(OLD)	19.084	59.11	0.00	23.88	4.04	23.88	4.04
2	Bundled power Coal(NEW)	19.000	383.60	0.00	115.46	3.01	115.46	3.01
3	Bundled power Solar(OLD)	19.084	23.00	0.00	24.19	10.52	24.19	10.52
4	Bundled power Solar(NEW)	19.000	237.39	0.00	113.95	4.80	113.95	4.80
	Total Bundled Power		703.09		277.48		277.48	
1	Medium Term (Co Gen)		257.92	0.00	134.38	5.21	134.38	5.21
E	TOTAL Excluding TRANSMISSION & LDC CHARGES							
1	KPTCL TRANSMISSION CHARGES			806.90			806.90	
2	PGCIL CHARGES			219.51			219.51	
3	SLDC			5.032			5.032	
4	POSO CO CHARGES			0.44			0.44	
F	TOTAL INCLUDING TRANSMISSION & LDC CHARGES		15166.467	2506.357	4777.109		7283.464	