

HESCOMs APPROVED POWER PURCHASE FOR FY24							Annexure-2	
Sl no	Name of the Generating Station	% share of energy allowed	Energy considered (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)	6.00000	296.09	52.08	134.04	4.53	186.12	6.29
2	RAICHUR THERMAL POWER STATION RTPS 8 (1x250)	6.00000	57.78	13.68	26.17	4.53	39.85	6.90
3	BELLARY THERMAL POWER STATIONS_BTPS-1 (1x500)	6.00000	72.00	21.06	33.17	4.61	54.23	7.53
4	BELLARY THERMAL POWER STATIONS_BTPS-2 (1x500)	6.00000	89.65	25.44	43.39	4.84	68.83	7.68
5	BELLARY THERMAL POWER STATIONS_BTPS-3 (1x700)	6.00000	194.09	44.58	78.94	4.07	123.52	6.36
6	YTPS	6.00000	301.24	144.00	126.19	4.19	270.19	8.97
	TOTAL KPCL THERMAL		1010.857	300.84	441.90	4.37	742.74	7.35
B	CGS SOURCES							
1	N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	20.60110	602.31	44.15	257.67	4.28	301.82	5.01
2	N.T.P.C-RSTP-III (1X500MW)	20.60110	158.15	13.44	61.74	3.90	75.18	4.75
3	NTPC-Talcher (4X500MW)	20.60110	549.51	38.73	101.38	1.85	140.11	2.55
4	Simhadri Unit -1 &2 (2X500MW)	20.60110	285.95	38.72	110.03	3.85	148.76	5.20
5	NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	20.60110	183.67	38.86	60.46	3.29	99.33	5.41
6	Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	20.60110	164.43	13.52	45.27	2.75	58.78	3.58
7	Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	20.60110	223.15	18.89	61.43	2.75	80.33	3.60
8	Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	20.60110	144.49	14.46	35.37	2.45	49.83	3.45
9	Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	20.60110	116.14	34.84	30.59	2.63	65.44	5.63
10	NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	20.60110	148.67	44.43	66.10	4.45	110.53	7.43
11	MAPS (2X220MW)	20.60110	18.09	0.00	4.69	2.59	4.69	2.59
12	Kaiga Unit 1&2 (2X220MW)	20.60110	169.31	0.00	59.04	3.49	59.04	3.49
13	Kaiga Unit 3 &4 (2X200MW)	20.60110	184.07	0.00	64.19	3.49	64.19	3.49

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14	NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW))	20.60110	302.16	0.00	125.70	4.16	125.70	4.16
15	NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U2(1X1000MW))	20.60110	298.48	0.00	124.17	4.16	124.17	4.16
16	DVC-Unit-1 & 2 Meja TPS (2x500MW)	20.60110	279.10	41.99	87.83	3.15	129.83	4.65
17	DVC-Unit-7 & 8 - KODERMA TPS (2x500MW)	20.60110	348.87	60.55	124.06	3.56	184.61	5.29
18	Kudgi	8.00000	164.10	127.20	87.58	5.34	214.78	13.09
19	New NLC thermal Project	20.60110	89.36	18.96	24.16	2.70	43.12	4.83
	TOTAL CGS Energy @ KPTCL periphery		4430.04	548.76	1531.48	3.46	2080.24	4.69
C	MAJOR IPPS							
1	UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	8.00000	120.00	87.32	129.60	10.80	216.92	18.08
D	KPCL HYDEL STATIONS							
1	SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	30.28351	1529.31	0.00	91.27	0.60	91.27	0.60
2	MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	45.00000	155.93	0.00	11.27	0.72	11.27	0.72
3	GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	45.00000	244.13	0.00	43.70	1.79	43.70	1.79
4	KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	45.00000	1517.37	0.00	127.43	0.84	127.43	0.84
5	VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	45.00000	484.70	0.00	85.40	1.76	85.40	1.76
6	ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	45.00000	227.21	0.00	52.58	2.31	52.58	2.31
7	BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	45.00000	26.73	0.00	13.09	4.90	13.09	4.90
8	KADRA POWER HOUSE_KPH (3x50)	45.00000	178.20	0.00	40.86	2.29	40.86	2.29
9	KODASALLI DAM POWER HOUSE_KDPH (3x40)	45.00000	178.20	0.00	28.73	1.61	28.73	1.61

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10	GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	45.00000	38.31	0.00	9.56	2.50	9.56	2.50
11	SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	45.00000	125.63	0.00	16.80	1.34	16.80	1.34
12	MUNIRABAD POWER HOUSE (2x9+1x10)	45.00000	42.77	0.00	4.14	0.97	4.14	0.97
	TOTAL KPCL HYDRO		4748.497	0.00	524.84	1.11	524.84	1.11
E	OTHER HYDRO							
1	PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	20.60110	33.46	0.00	12.65	3.78	12.65	3.78
2	TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	20.60110	9.24	0.00	0.43	0.47	0.43	0.47
	TOTAL OTHER HYDRO		42.702	0.00	13.08	3.06	13.08	3.06
F	RE SOURCES							
1	WIND-IPPS		1931.06	0.00	759.48	3.93	759.48	3.93
2	KPCL-WIND (9x0.225+10x0.230)			0.00	0.00	3.84	0.00	3.84
3	MINI HYDEL-IPPS		62.90	0.00	21.22	3.37	21.22	3.37
4	CO-GEN		602.39	0.00	389.56	6.47	389.56	6.47
5	CAPTIVE		14.59	0.00	4.49	3.07	4.49	3.07
6	Wind MOA		136.53	0.00	49.50	3.63	49.50	3.63
7	BIOMASS			0.00	0.00	5.56	0.00	5.56
8	Solar Existing /SRTPV		1709.65	0.00	666.52	3.90	666.52	3.90
9	SOLAR-KPCL (YELESANDRA,ITNAL,YA PALDINNI,SHIMSHA) (3x1+3x1+1x3x1x5)		1.53	0.00	2.20	14.37	2.20	14.37
	TOTAL RE		4458.65	0.00	1892.96	3.90	1892.96	3.90
G	BUNDLED POWER							
1	Bundled power Coal	19.0788	96.51	0.00	57.11	5.92	57.11	5.92
2	Bundled power Solar(OLD)	19.0788	22.99	0.00	24.20	10.53	24.20	10.53
3	Bundled power Solar(NEW)	18.9999	262.35	0.00	160.22	6.11	160.22	6.11
	Total Bundled Power		381.85		241.53	6.32	241.53	6.32

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H	TOTAL TRANSMISSION & SLDC CHARGES							
1	KPTCL TRANSMISSION CHARGES			1066.2217			1066.2217	
2	CTUIL CHARGES			256.126			256.126	
3	SLDC			5.364			5.364	
4	POSOCO CHARGES			0.780			0.780	
I	TOTAL INCLUDING TRANSMISSION & LDC CHARGES		15192.5940	2265.4093	4775.3907	3.143	7040.800	4.6344