

CESC TOTAL POWER PURCHASE FOR FY21								
SI No	NAME OF THE GENERATING STATION	Percent age	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)	13.006	910.27	114.92	315.86	3.47	430.79	4.73
2	RAICHUR THERMAL POWER STATION_RTPS 8 (1x250)	9.754	136.56	20.95	48.34	3.54	69.29	5.07
3	BELLARY THERMAL POWER STATIONS_BTPTS-1 (1x500)	9.754	118.64	31.81	47.34	3.99	79.15	6.67
4	BELLARY THERMAL POWER STATIONS_BTPTS-2 (1x500)	9.754	128.77	44.53	46.87	3.64	91.40	7.10
5	BELLARY THERMAL POWER STATIONS_BTPTS-3 (1x700)	9.754	234.50	73.63	81.14	3.46	154.77	6.60
6	YTPS	9.754	180.87	138.43	66.92	3.70	205.35	11.35
	TOTAL KPCL THERMAL		1709.60	424.27	606.47		1030.74	6.03
B	CGS SOURCES							
1	N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	7.754	171.76	15.15	46.20	2.69	61.36	3.57
2	N.T.P.C-RSTP-III (1X500MW)	7.754	46.24	4.00	12.58	2.72	16.57	3.58
3	NTPC-Talcher (4X500MW)	7.754	175.38	13.96	34.90	1.99	48.86	2.79
4	Simhadri Unit -1 &2 (2X500MW)	7.754	78.35	15.65	27.89	3.56	43.54	5.56
5	NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	7.754	57.97	14.87	23.13	3.99	38.00	6.55
6	Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	7.754	57.23	5.28	16.31	2.85	21.59	3.77
7	Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	7.754	79.52	7.38	22.66	2.85	30.05	3.78
8	Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	7.754	60.04	5.52	15.61	2.60	21.13	3.52
9	Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	7.754	47.01	14.58	12.46	2.65	27.03	5.75

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10	NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	7.754	88.66	17.31	27.22	3.07	44.53	5.02
11	MAPS (2X220MW)	7.754	6.66	0.00	1.91	2.87	1.91	2.87
12	Kaiga Unit 1&2 (2X220MW)	7.754	65.51	0.00	27.58	4.21	27.58	4.21
13	Kaiga Unit 3 &4 (2X200MW)	7.754	66.64	0.00	28.06	4.21	28.06	4.21
14	NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	7.754	98.46	0.00	41.84	4.25	41.84	4.25
15	NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	7.754	116.16	0.00	49.37	4.25	49.37	4.25
16	DVC-Unit-1 &2 Meja TPS (2x500MW)	7.754	90.09	15.81	27.12	3.01	42.92	4.76
17	DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	7.754	112.61	22.79	30.18	2.68	52.97	4.70
18	Kudgi	9.750	117.00	94.27	44.34	3.79	138.61	11.85
19	New NLC thermal Project	7.754	35.46	8.65	8.01	2.26	16.66	4.70
	TOTAL CGS Energy @ KPTCI periphery		1570.73	255.22	497.37		752.59	4.79
C	MAJOR IPPS							
1	UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	14.000	504.00	159.77	182.95	3.63	342.72	6.80
D	KPCL HYDEL STATIONS							
1	SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	23.900	1195.76	0.00	55.00	0.46	55.00	0.46
2	MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	9.754	25.34	0.00	1.80	0.71	1.80	0.71
3	GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	9.754	51.25	0.00	9.07	1.77	9.07	1.77
4	KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	12.2512	382.11	0.00	27.51	0.72	27.51	0.72

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5	VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	9.754	98.37	0.00	13.77	1.40	13.77	1.40
6	ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	9.754	42.39	0.00	6.87	1.62	6.87	1.62
7	BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	9.754	4.67	0.00	2.55	5.46	2.55	5.46
8	KADRA POWER HOUSE_KPH (3x50)	9.754	36.16	0.00	8.89	2.46	8.89	2.46
9	KODASALLI DAM POWER HOUSE_KDPH (3x40)	9.754	33.85	0.00	5.99	1.77	5.99	1.77
10	GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	9.754	6.64	0.00	1.37	2.06	1.37	2.06
11	SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	9.754	28.43	0.00	1.17	0.41	1.17	0.41
12	MUNIRABAD POWER HOUSE (2x9+1x10)	9.754	8.92	0.00	1.00	1.12	1.00	1.12
	TOTAL KPCL HYDRO		1913.89	0.00	134.99		134.99	0.71
D	OTHER HYDRO							
1	PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	9.754	15.27	0.00	5.72	3.75	5.72	3.75
2	TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	9.754	2.64	0.00	0.30	1.12	0.30	1.12
	TOTAL OTHER HYDRO		17.91		6.02		6.02	3.36
	RE SOURCES							
1	WIND-IPPS		200.29	0.00	77.91	3.89	77.91	3.89
2	KPCL-WIND (9x0.225+10x0.230)			0.00	0.00	4.01	0.00	4.01
3	MINI HYDEL-IPPS		283.48	0.00	94.40	3.33	94.40	3.33
4	CO-GEN		44.65	0.00	17.01	3.81	17.01	3.81
5	CAPPTIVE			0.00	0.00	3.98	0.00	3.98
6	BIOMASS		15.66	0.00	8.46	5.40	8.46	5.40
7	Solar Existing		633.01	0.00	261.02	4.12	261.02	4.12
8	SRTPV		54.88	0.00	34.25	6.24	34.25	6.24

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9	Solar taluka Projects		41.61	0.00	12.94	3.11	12.94	3.11
10	Solar-New Park Pavagada		143.05	0.00	40.48	2.83	40.48	2.83
11	Wind MOA			0.00	0.00	3.84	0.00	3.84
12	SOLAR-KPCL (YELESANDRA,ITNAL,YAP ALDINNI,SHIMSHA) (3x1+3x1+1x3x1x5)			0.00	0.00	6.00	0.00	6.00
	TOTAL RE		1416.63	0.00	546.47	0.00	546.47	0.00
1	Bundled power Coal(OLD)	11.501	35.62	0.00	14.39	4.04	14.39	4.04
2	Bundled power Coal(NEW)	11.600	234.20	0.00	70.49	3.01	70.49	3.01
3	Bundled power Solar(OLD)	11.501	13.86	0.00	14.58	10.52	14.58	10.52
4	Bundled power Solar(NEW)	11.600	144.93	0.00	69.57	4.80	69.57	4.80
	Total Bundled Power		428.61		169.03		169.03	
1	Medium Term (Co Gen)		146.46	0.00	76.31	5.21	76.31	5.21
E	TOTAL Excluding TRANSMISSION & LDC CHARGES							
1	KPTCL TRANSMISSION CHARGES			466.27			466.27	
2	PGCIL CHARGES			103.10			103.10	
3	SLDC			2.815			2.815	
4	POSOCO CHARGES			0.22			0.22	
F	TOTAL INCLUDING TRANSMISSION & LDC CHARGES		7707.823	1411.66	2219.61		3631.274	