

CESC's Approved Power Purchase For FY19							
NAME OF THE GENERATING STATION	% SHARE OF ENERGY ALLOWED	ENERGY ALLOWED (MU)	CAPACITY CHARGES(RS Cr)	ENERGY CHARGES PER UNIT RATE (Rs/Kwh))	ENERGY CHARGES (Rs Cr)	TOTAL COST (Rs Cr)	PER UNIT RATE(Rs/K wh)
KPCL THERMAL STATIONS							
RAICHUR THERMAL POWER STATION_RTPS 1-7 (7x210)	6.2266	515.64	53.43	3.13	161.40	214.82	4.17
RAICHUR THERMAL POWER STATION_RTPS 8 (1x250)	6.2266	73.97	14.45	3.06	22.65	37.10	5.02
BELLARY THERMAL POWER STATIONS_BTPTS-1 (1x500)	6.2266	135.92	19.31	3.75	50.97	70.28	5.17
BELLARY THERMAL POWER STATIONS_BTPTS-2 (1x500)	6.2266	157.78	29.30	3.40	53.65	82.94	5.26
BELLARY THERMAL POWER STATIONS_BTPTS-3 (1x700)	6.2266	49.81	0.00	3.12	15.54	15.54	3.12
YTPS Unit- 1	6.2266	49.81	0.00	2.34	11.66	11.66	2.34
YTPS Unit- 2	6.2266	49.81	0.00	2.34	11.66	11.66	2.34
TOTAL KPCL THERMAL		1032.75	116.48	3.17	327.51	444.00	4.30
CGS SOURCES							
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	11.2266	297.28	22.00	2.40	71.35	93.35	3.14
N.T.P.C-RSTP-III (1X500MW)	11.2266	72.75	5.75	2.40	17.46	23.21	3.19
NTPC-Talcher (4X500MW)	11.2266	275.84	20.41	1.52	41.93	62.34	2.26
Simhadri Unit -1 & 2 (2X500MW)	11.2266	128.54	21.21	2.82	36.25	57.46	4.47
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I & 2 & 3 (3X500MW)	11.2266	78.14	14.59	3.00	23.44	38.04	4.87
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	11.2266	77.08	9.25	2.90	22.35	31.60	4.10
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	11.2266	107.64	13.02	2.90	31.22	44.24	4.11
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	11.2266	76.19	10.82	2.70	20.57	31.39	4.12
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	11.2266	57.26	12.20	2.70	15.46	27.65	4.83
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	11.2266	116.08	21.71	3.26	37.84	59.55	5.13
MAPS (2X220MW)	11.2266	19.95	0.00	2.23	4.45	4.45	2.23

Annexure - II

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Kaiga Unit 1&2 (2X220MW)	11.2266	98.12	0.00	3.23	31.69	31.69	3.23
Kaiga Unit 3 &4 (2X200MW)	11.2266	102.95	0.00	3.23	33.25	33.25	3.23
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	11.2266	100.81	0.00	4.22	42.54	42.54	4.22
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	11.2266	100.81	0.00	4.22	42.54	42.54	4.22
DVC-Unit-1 &2 Meja TPS (2x500MW)	11.2266	163.46	22.88	2.22	36.29	59.17	3.62
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	11.2266	204.27	33.09	1.83	37.38	70.47	3.45
Kudgi	12.0000	192.99	36.86	3.60	69.48	106.34	5.51
TOTAL CGS Energy @ KPTCI periphery		2270.15	243.79	2.71	615.49	859.29	3.79
TOTAL MAJOR IPPS							
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	5.0000	335.60	54.03	3.15	105.71	159.75	4.76
KPCL HYDEL STATIONS							
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	36.7260	1667.82	0.00	0.44	73.38	73.38	0.44
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	11.6546	30.08	0.00	0.61	1.83	1.83	0.61
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	11.6546	59.88	0.00	1.62	9.72	9.72	1.62
KALI VALLEY PROJECT_KVP (2x50+6x150)	14.7970	412.55	0.00	0.70	28.88	28.88	0.70
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	11.6546	120.52	0.00	1.21	14.62	14.62	1.21
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	11.6546	53.53	0.00	1.60	8.58	8.58	1.60
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	11.6546	6.10	0.00	4.32	2.64	2.64	4.32
KADRA POWER HOUSE_KPH (3x50)	11.6546	28.85	0.00	2.28	6.59	6.59	2.28
KODASALLI DAM POWER HOUSE_KDPH (3x40)	11.6546	32.91	0.00	1.59	5.25	5.25	1.59
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	11.6546	8.78	0.00	2.01	1.77	1.77	2.01

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SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	11.6546	33.86	0.00	0.99	3.35	3.35	0.99
MUNIRABAD POWER HOUSE (2x9+1x10)	11.6546	11.42	0.00	0.64	0.73	0.73	0.64
TOTAL KPCL HYDRO		2466.32	0.00	0.64	157.34	157.34	0.64
OTHER HYDRO							
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	11.6546	12.82	0.00	4.10	5.26	5.26	4.10
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	11.6546	1.54	0.00	1.03	0.16	0.16	1.03
TOTAL OTHER HYDRO		14.36	0.00	3.77	5.42	5.42	3.77
RENEWABLE SOURCES OF ENERGY SOURCES							
WIND-IPPS		223.56	0.00	3.50	78.25	78.25	3.50
KPCL-WIND (9x0.225+10x0.230)			0.00	3.49	0.00	0.00	
MINI HYDEL-IPPS		145.71	0.00	3.28	47.81	47.81	3.28
CO-GEN		28.61	0.00	4.36	12.47	12.47	4.36
CAPPTIVE			0.00	3.56	0.00		
BIOMASS		7.33	0.00	4.93	3.61	3.61	4.93
SOLAR		479.16	0.00	5.60	268.33	268.33	5.60
Solar-New Park-Pavagada	11.6000	115.84	0.00	4.80	55.60	55.60	4.80
SOLAR-KPCL (YELESANDRA,ITNAL,YAP ALDINNI,SHIMSHA) (3x1+3x1+1x3x1x5)			0.00	6.18	0.00		
TOTAL NCE		1000.22	0.00	4.66	466.07	466.07	4.66
Solar Park at Pavagada-Bundled with Thermal power of NTPC	11.5020	313.73	0.00	3.32	104.12	104.12	3.32
Power purchase from Co-gen - Medium Term	11.0500	107.28	0.00	4.82	51.75	51.75	4.82
Short term power purchase May 2018	12.5000	123.53	0.00	4.08	50.40	50.40	4.08
TRANSMISSION CHARGES			0.00		0.00		
PGCIL CHARGES			167.28		0.00	167.28	
KPTCL CHARGES			312.87		0.00	312.87	
SLDC			3.01		0.00	3.01	
POSOCHO CHARGES			0.25		0.00	0.25	
TOTAL INCLUDING TRANSMISSION & LDC CHARGES		7663.94	897.72		1883.82	2781.54	3.63

