

CESC APPROVED POWER PURCHASE FOR FY20							
NAME OF THE GENERATING STATION	% share of energy allowed	Energy considered (MU)	Capacity Charges	Variable Charges		Total Cost	
			Amount in Crores	Amount in Crores	Average Cost/Unit in Rs.	Amount in Crores	Average Cost/Unit in Rs.
RAICHUR THERMAL POWER STATION_RTPS 1-7 (7x210)	2.7305	217.64	21.54	82.27	3.78	103.81	4.77
RAICHUR THERMAL POWER STATION_RTPS 8 (1x250)	6.3500	90.61	14.42	32.44	3.58	46.86	5.17
BELLARY THERMAL POWER STATIONS_BTPTS-1 (1x500)	6.3500	90.81	18.43	34.96	3.85	53.39	5.88
BELLARY THERMAL POWER STATIONS_BTPTS-2 (1x500)	6.3500	82.55	29.15	30.87	3.74	60.03	7.27
BELLARY THERMAL POWER STATIONS_BTPTS-3 (1x700)	6.3500	88.90	38.94	30.58	3.44	69.52	7.82
YTPS	6.3500	99.80	46.76	31.04	3.11	77.80	7.80
TOTAL KPCL THERMAL		670.30	169.24	242.16		411.40	6.14
CGS SOURCES							
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	8.8500	230.10	16.40	56.83	2.47	73.23	3.18
N.T.P.C-RSTP-III (1X500MW)	8.8500	68.94	4.33	16.70	2.42	21.03	3.05
NTPC-Talcher (4X500MW)	8.8500	206.29	15.05	34.29	1.66	49.34	2.39
Simhadri Unit -1 &2 (2X500MW)	8.8500	89.47	14.06	25.43	2.84	39.49	4.41
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	8.8500	65.31	14.24	20.30	3.11	34.54	5.29
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	8.8500	72.50	5.34	18.72	2.58	24.06	3.32
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	8.8500	94.98	7.23	24.52	2.58	31.75	3.34
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	8.8500	61.60	6.52	14.91	2.42	21.42	3.48
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	8.8500	51.51	12.46	12.46	2.42	24.92	4.84
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	8.8500	100.29	16.62	24.00	2.39	40.62	4.05
MAPS (2X220MW)	8.8500	17.85	-	4.02	2.25	4.02	2.25

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Kaiga Unit 1&2 (2X220MW)	8.8500	75.84	-	28.44	3.75	28.44	3.75
Kaiga Unit 3 &4 (2X200MW)	8.8500	79.65	-	29.87	3.75	29.87	3.75
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	8.8500	83.85	-	35.22	4.20	35.22	4.20
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	8.8500	110.75	-	46.51	4.20	46.51	4.20
DVC-Unit-1 &2 Meja TPS (2x500MW)	8.8500	105.06	18.98	25.21	2.40	44.19	4.21
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	8.8500	128.01	27.60	24.96	1.95	52.56	4.11
Kudgi	8.8500	266.74	68.23	80.56	3.02	148.79	5.58
TOTAL CGS Energy @ KPTCI periphery	8.8500	1908.74	227.06	522.95		750.01	3.93
TOTAL MAJOR IPPS	8.8500						
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	10.0503	437.42	114.67	154.84	3.54	269.52	6.16
KPCL HYDEL STATIONS							
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	21.9995	914.54	-	46.64	0.51	46.64	0.51
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	29.9600	63.32	-	9.24	1.46	9.24	1.46
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	29.9600	153.72	-	28.13	1.83	28.13	1.83
KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	27.9600	801.97	-	63.36	0.79	63.36	0.79
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	29.9600	323.33	-	32.33	1.00	32.33	1.00
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	29.9600	132.54	-	24.65	1.86	24.65	1.86
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	29.9600	14.38	-	7.55	5.25	7.55	5.25

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KADRA POWER HOUSE_KPH (3x50)	29.9600	109.48	-	26.49	2.42	26.49	2.42
KODASALLI DAM POWER HOUSE_KDPH (3x40)	29.9600	104.38	-	17.12	1.64	17.12	1.64
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	29.9600	21.68	-	5.96	2.75	5.96	2.75
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	29.9600	72.72	-	9.53	1.31	9.53	1.31
MUNIRABAD POWER HOUSE (2x9+1x10)	29.9600	27.40	-	2.93	1.07	2.93	1.07
TOTAL KPCL HYDRO	29.9600	2739.46	-	273.94		273.94	1.00
OTHER HYDRO			-				
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	8.8500	8.03	-	5.19	6.47	5.19	6.47
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	8.8500	1.59	-	0.14	0.90	0.14	0.90
TOTAL OTHER HYDRO		9.61	-	5.34		5.34	5.55
NON-CONVENTIONAL ENERGY SOURCES							
WIND-IPPS	-	197.49	-	70.31	3.56	70.31	3.56
KPCL-WIND (9x0.225+10x0.230)	-	0.00	-	0.00	3.58	0.00	3.58
MINI HYDEL-IPPS	-	165.67	-	52.52	3.17	52.52	3.17
CO-GEN	-	51.70	-	26.68	5.16	26.68	5.16
CAPPTIVE	-	0.00	-	0.00	3.08	0.00	3.08
BIOMASS	-	12.96	-	6.80	5.25	6.80	5.25
Solar Exisitng	-		-	0.00	0.00	0.00	0.00
SOLAR-existing	-	414.25	-	226.59	5.47	226.59	5.47
Solar SECI	-	183.08	-	82.39	4.50	82.39	4.50
NTPC solar Bundle power NSM(Pavagada)	11.6000	116.00	-	55.10	4.75	55.10	4.75
Solar New Projects	-		-	0.00	0.00	0.00	0.00
Solar-New Park Pavagada	-	55.18	-	15.95	2.89	15.95	2.89

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Solar-KREDL(New and others)	-		-	0.00	3.15	0.00	3.15
TOTAL NCE	7.7455	1196.33	-	536.33		536.33	4.48
NTPC Bundled power solar Old	11.5021	13.86	-	14.59	10.53	14.59	10.53
NTPC Bundled power coal Old	11.5015	58.00	-	23.43	4.04	23.43	4.04
NTPC Bundled power coal new(Pavagada)	11.6000	234.53	-	69.42	2.96	69.42	2.96
Power purchase from Co gen	11.3968	142.00	-	66.60	4.69	66.60	4.69
TRANSMISSION CHARGES							
PGCIL CHARGES	-	-	205.75	-	-	205.75	-
KPTCL CHARGES	-	-	388.42	-	-	388.42	-
SLDC	-	-	1.71	-	-	1.71	-
POSOCO CHARGES	-	-	0.31	-	-	0.31	-
TOTAL INCLUDING TRANSMISSION & LDC CHARGES		7410.247	1107.17	1909.60	2.5770	3016.77	4.0711