

CESC's Approved Power Purchase For FY18

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/Kwh)
KPCL THERMAL STATIONS							
RAICHUR THERMAL POWER STATION RTPS 1-7 (7x210)	2.000	157.01	15.91	3.34	52.44	68.35	4.35
RAICHUR THERMAL POWER STATION RTPS 8 (1x250)	10.632	134.92	24.15	2.88	38.86	63.01	4.67
BELLARY THERMAL POWER STATIONS BTPS-1 (1x500)	10.632	267.50	29.16	3.52	94.16	123.32	4.61
BELLARY THERMAL POWER STATIONS BTPS-2 (1x500)	10.632	267.50	50.02	3.06	81.86	131.88	4.93
BELLARY THERMAL POWER STATIONS BTPS-3 (1x700)	10.632	102.07	0.00	2.87	29.29	29.29	2.87
YTPS (1x 800)	10.632	102.07	0.00	2.92	29.80	29.80	2.92
TOTAL KPCL THERMAL		1031.07	119.24	3.16	326.41	445.66	4.33
CGS SOURCES							
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	10.632	341.71	21.14	2.29	78.21	99.35	2.91
N.T.P.C-RSTP-III (1X500MW)	10.632	84.21	8.07	2.40	20.21	28.28	3.36
NTPC-Talcher (4X500MW)	10.632	302.48	24.01	1.68	50.83	74.85	2.47
Simhadri Unit -1 & 2 (2X500MW)	10.632	105.01	17.34	2.77	29.13	46.47	4.43
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I & 2 & 3 (3X500MW)	10.632	74.66	13.32	2.64	19.71	33.02	4.42
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	10.632	75.50	8.80	2.82	21.29	30.09	3.99
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	10.632	119.72	14.44	2.82	33.76	48.20	4.03
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	10.632	74.21	10.52	2.61	19.36	29.88	4.03
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	10.632	55.39	11.84	2.55	14.11	25.94	4.68
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	10.632	122.60	22.97	2.50	30.65	53.62	4.37
MAPS (2X220MW)	10.632	21.16		2.15	4.55	4.55	2.15
Kaiga Unit 1&2 (2X220MW)	10.632	97.81		3.19	31.16	31.16	3.19
Kaiga Unit 3 & 4 (2X220MW)	10.632	96.96		3.19	30.89	30.89	3.19
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	10.632	160.65		4.12	66.25	66.25	4.12
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	10.632	36.76		4.12	15.16	15.16	4.12

Annexure - II

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DVC-Unit-1 & 2 Meja TPS (2x500MW)	10.632	149.11	22.14	2.38	35.47	57.61	3.86
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	10.632	186.44	34.22	2.19	40.77	74.99	4.02
Kudgi	10.632	79.74	0.00	3.02	24.08	24.08	3.02
TOTAL CGS Energy @ KPTCI periphery		2184.12	208.80	2.59	565.60	774.40	3.55
TOTAL MAJOR IPPS							
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	2.454	164.70	28.00	3.20	52.70	80.70	4.90
KPCL HYDEL STATIONS							
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	27.598	1356.18	5.87	0.35	47.85	53.72	0.40
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	10.632	29.72	0.25	0.45	1.34	1.59	0.53
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	10.632	55.46	2.60	1.11	6.16	8.76	1.58
KALI VALLEY PROJECT_KVP (2x50+6x150)	22.000	698.01	4.70	0.55	38.35	43.05	0.62
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	10.632	113.63	4.32	1.18	13.36	17.68	1.56
ALMATI DAM POWER HOUSE_ADPH (1x15+5x55)	10.632	51.21	3.35	0.97	4.97	8.32	1.62
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	10.632	6.45	0.16	3.36	2.17	2.33	3.61
KADRA POWER HOUSE_KPH (3x50)	10.632	38.57	2.06	1.46	5.65	7.71	2.00
KODASALLI DAM POWER HOUSE_KDPH (3x40)	10.632	36.17	1.28	1.14	4.13	5.41	1.50
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	10.632	8.80	0.23	1.68	1.48	1.71	1.95
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	10.632	31.07	0.38	0.80	2.50	2.88	0.93
MUNIRABAD POWER HOUSE (2x9+1x10)	10.632	9.72	0.05	0.58	0.57	0.61	0.63
TOTAL KPCL HYDRO		2434.98	25.23	0.53	128.52	153.76	0.63
OTHER HYDRO							
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	10.632	11.70		4.35	5.08	5.08	4.35
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	10.632	1.00		1.83	0.18	0.18	1.83
TOTAL OTHER HYDRO	10.632	12.69		4.15	5.27	5.27	4.15
RENEWABLE ENERGY SOURCES							
WIND-IPPS		188.95			68.53	68.53	3.63
KPCL-WIND (9x0.225+10x0.230)		0.00			0.00	0.00	3.71
MINI HYDEL-IPPS		222.13			72.99	72.99	3.29

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CO-GEN		41.80			19.41	19.41	4.64
CAPTIVE		0.00			0.00	0.00	2.84
BIOMASS		4.43			2.19	2.19	4.95
SOLAR-existing (anticipated as on 31.03.2017)		141.37			93.76	93.76	6.63
Solar-New Park	11.05	59.24			20.73	20.73	3.50
Solar-KREDL		103.24			54.26	54.26	5.26
SOLAR-KPCL (YELESANDRA,ITNAL,YAPALDINNI,S HIMSHA) (3x1+3x1+1x3x1x5)					0.00	0.00	6.00
TOTAL RE		761.16			331.88	331.88	
NTPC Bundled power	11.57	67.39			29.92	29.92	4.44
Power purchase from Co gen	11.05	143.69			49.86	49.86	3.47
Short term power purchase	12.50	140.00			58.38	58.38	4.17
Short term Purchase from MSEDCL	11.05	32.50			11.76	11.76	3.62
TRANSMISSION CHARGES							
PGCIL CHARGES			109.79			109.79	
KPTCL CHARGES			301.47			301.47	
SLDC			3.14			3.14	
POSOCO CHARGES			0.38			0.38	
TOTAL INCLUDING TRANSMISSION & SLDC CHARGES		6972.30	796.06		1560.31	2356.37	3.38