

HESCOM'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)	20.257	1590.31	160.62	3.34	531.16	691.77	4.35
RAICHUR THERMAL POWER STATION_RTPS 8 (1x250)	20.257	257.06	46.01	2.88	74.03	120.05	4.67
BELLARY THERMAL POWER STATIONS_BTPS-1 (1x500)	20.257	509.67	55.55	3.52	179.40	234.96	4.61
BELLARY THERMAL POWER STATIONS_BTPS-2 (1x500)	20.257	509.67	95.31	3.06	155.96	251.27	4.93
BELLARY THERMAL POWER STATIONS_BTPS-3 (1x700)	20.257	194.47	0.00	2.87	55.81	55.81	2.87
YTPS (1x 800)	20.257	194.47	0.00	2.92	56.78	56.78	2.92
TOTAL KPCL THERMAL		3255.64	357.50	3.23	1053.15	1410.64	4.33
CGS SOURCES							
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	20.257	651.06	40.28	2.29	149.02	189.30	2.91
N.T.P.C-RSTP-III (1X500MW)	20.257	160.44	15.38	2.40	38.50	53.89	3.36
NTPC-Talcher (4X500MW)	20.257	576.31	45.75	1.68	96.85	142.61	2.47
Simhadri Unit -1 & 2 (2X500MW)	20.257	200.07	33.04	2.77	55.50	88.55	4.43
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I & 2 & 3 (3X500MW)	20.257	142.25	25.37	2.64	37.55	62.92	4.42
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	20.257	143.84	16.76	2.82	40.56	57.32	3.99
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	20.257	228.09	27.52	2.82	64.32	91.84	4.03
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	20.257	141.39	20.04	2.61	36.88	56.92	4.03
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	20.257	105.53	22.55	2.55	26.88	49.43	4.68
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	20.257	233.59	43.76	2.50	58.40	102.16	4.37
MAPS (2X220MW)	20.257	40.31		2.15	8.67	8.67	2.15
Kaiga Unit 1&2 (2X220MW)	20.257	186.36		3.19	59.37	59.37	3.19
Kaiga Unit 3 & 4 (2X220MW)	20.257	184.74		3.19	58.86	58.86	3.19
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	20.257	306.08		4.12	126.23	126.23	4.12
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	20.257	70.04	28.89	4.12	0.00	28.89	4.12
DVC-Unit-1 & 2 Meja TPS (2x500MW)	20.257	284.10	42.18	2.38	67.58	109.76	3.86
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	20.257	355.22	65.19	2.19	77.68	142.87	4.02
Kudgi	20.257	151.94	0.00	3.02	45.88	45.88	3.02

ANNEXURE-II

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TOTAL CGS Energy @ KPTCI periphery		4161.38	426.71	2.52	1048.74	1475.45	3.55
TOTAL MAJOR IPPS							
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	28.013	1880.23	319.64	3.20	601.67	921.31	4.90
KPCL HYDEL STATIONS							
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	13.811	678.71	2.94	0.35	23.95	26.89	0.40
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	20.257	56.63	0.47	0.45	2.55	3.02	0.53
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	20.257	105.66	4.95	1.11	11.74	16.69	1.58
KALI VALLEY PROJECT_KVP (2x50+6x150)	20.257	642.71	4.33	0.55	35.31	39.64	0.62
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	20.257	216.49	8.23	1.18	25.45	33.69	1.56
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	20.257	97.56	6.38	0.97	9.47	15.85	1.62
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	20.257	12.29	0.30	3.36	4.13	4.43	3.61
KADRA POWER HOUSE_KPH (3x50)	20.257	73.49	3.93	1.46	10.76	14.69	2.00
KODASALLI DAM POWER HOUSE_KDPH (3x40)	20.257	68.91	2.43	1.14	7.87	10.30	1.50
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	20.257	16.76	0.44	1.68	2.82	3.26	1.95
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	20.257	59.20	0.72	0.80	4.76	5.48	0.93
MUNIRABAD POWER HOUSE (2x9+1x10)	20.257	18.53	0.09	0.58	1.08	1.16	0.63
TOTAL KPCL HYDRO		2046.94	35.21	0.68	139.89	175.10	0.86
OTHER HYDRO							
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	20.257	22.28		4.35	9.69	9.69	4.35
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	20.257	1.90		1.83	0.35	0.35	1.83
TOTAL OTHER HYDRO	20.257	24.18		4.15	10.03	10.03	4.15
RENEWABLE ENERGY SOURCES							
WIND-IPPS		826.22			299.67	299.67	3.63
KPCL-WIND (9x0.225+10x0.230)		0.00			0.00	0.00	3.71
MINI HYDEL-IPPS		17.76			5.84	5.84	3.29
CO-GEN		111.69			51.86	51.86	4.64
CAPPTIVE		0.00			0.00	0.00	2.84
BIOMASS		0.00			0.00	0.00	4.95
SOLAR-existing (anticipated as on 31.03.2017)		92.08			61.07	61.07	6.63
Solar-New Park	19.46	104.28			36.50	36.50	3.50
Solar-KREDL		186.39			97.97	97.97	5.26

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SOLAR-KPCL (YELESANDRA,ITNAL,YAPALDINNI,SHIMSHA) (3x1+3x1+1x3x1x5)		3.83			2.30	2.30	6.00
TOTAL RE		1342.25			555.20	555.20	
NTPC Bundled power	21.15	123.12			54.66	54.66	4.44
Power purchase from Co gen	19.46	252.95			87.77	87.77	3.47
Short term power purchase	12.50	140.00			58.38	58.38	4.17
Short term Purchase from MSEDCL	19.46	57.207			20.71	20.71	3.62
TRANSMISSION CHARGES							
PGCIL CHARGES			197.02			197.02	
KPTCL CHARGES			535.48			535.48	
SLDC			5.39			5.39	
POSOCO CHARGES			0.68			0.68	
TOTAL INCLUDING TRANSMISSION & SLDC CHARGES		13283.89	1877.61		3630.21	5507.82	4.15