

HESCOM's 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)	14.6143	1164.85	115.31	440.31	3.78	555.62	4.77
RAICHUR THERMAL POWER STATION_RTPS 8 (1x250)	12.0000	171.24	27.25	61.30	3.58	88.56	5.17
BELLARY THERMAL POWER STATIONS_BTPS-1 (1x500)	12.0000	171.60	34.82	66.07	3.85	100.89	5.88
BELLARY THERMAL POWER STATIONS_BTPS-2 (1x500)	12.0000	156.00	55.09	58.34	3.74	113.43	7.27
BELLARY THERMAL POWER STATIONS_BTPS-3 (1x700)	12.0000	168.00	73.59	57.79	3.44	131.38	7.82
YTPS	12.0000	188.60	88.36	58.65	3.11	147.02	7.80
TOTAL KPCL THERMAL		2020.28	394.43	742.47		1136.90	5.63
CGS SOURCES							
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	17.7900	462.54	32.96	114.25	2.47	147.21	3.18
N.T.P.C-RSTP-III (1X500MW)	17.7900	138.58	8.70	33.57	2.42	42.26	3.05
NTPC-Talcher (4X500MW)	17.7900	414.68	30.26	68.92	1.66	99.18	2.39
Simhadri Unit -1 &2 (2X500MW)	17.7900	179.86	28.26	51.12	2.84	79.37	4.41
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	17.7900	131.29	28.62	40.80	3.11	69.42	5.29
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	17.7900	145.74	10.74	37.63	2.58	48.37	3.32
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	17.7900	190.93	14.53	49.30	2.58	63.83	3.34
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	17.7900	123.82	13.10	29.96	2.42	43.07	3.48
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	17.7900	103.54	25.05	25.06	2.42	50.10	4.84
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	17.7900	201.61	33.41	48.24	2.39	81.65	4.05
MAPS (2X220MW)	17.7900	35.88		8.07	2.25	8.07	2.25
Kaiga Unit 1&2 (2X220MW)	17.7900	152.46		57.17	3.75	57.17	3.75
Kaiga Unit 3 &4 (2X200MW)	17.7900	160.11		60.04	3.75	60.04	3.75
NPCIL-KudanKulam Atomic Power Generating Station (KKNPP) U1(1X1000MW)	17.7900	168.55		70.79	4.20	70.79	4.20
NPCIL-KudanKulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	17.7900	222.62		93.50	4.20	93.50	4.20
DVC-Unit-1 &2 Meja TPS (2x500MW)	17.7900	211.18	38.15	50.68	2.40	88.83	4.21

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DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	17.7900	257.32	55.49	50.18	1.95	105.66	4.11
Kudgi	17.7900	536.19	137.16	161.93	3.02	299.09	5.58
TOTAL CGS Energy @ KPTCI periphery		3836.90	456.43	1051.21		1507.64	3.93
TOTAL MAJOR IPPS	17.7900						
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	5.0000	217.61	57.05	77.04	3.54	134.09	6.16
KPCL HYDEL STATIONS							
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	44.5084	1850.25	-	94.36	0.51	94.36	0.51
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	32.0400	67.72	-	9.89	1.46	9.89	1.46
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	32.0400	164.39	-	30.08	1.83	30.08	1.83
KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	35.5400	1019.38	-	80.53	0.79	80.53	0.79
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	32.0400	345.78	-	34.58	1.00	34.58	1.00
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	32.0400	141.74	-	26.36	1.86	26.36	1.86
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	32.0400	15.38	-	8.07	5.25	8.07	5.25
KADRA POWER HOUSE_KPH (3x50)	32.0400	117.08	-	28.33	2.42	28.33	2.42
KODASALLI DAM POWER HOUSE_KDPH (3x40)	32.0400	111.62	-	18.31	1.64	18.31	1.64
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	32.0400	23.18	-	6.37	2.75	6.37	2.75
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	32.0400	77.77	-	10.19	1.31	10.19	1.31
MUNIRABAD POWER HOUSE (2x9+1x10)	32.0400	29.30	-	3.13	1.07	3.13	1.07
Total KPCL Hydro	32.0400	3963.60		350.22	0.88	350.22	0.88
OTHER HYDRO							
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	17.7900	16.14	-	10.44	6.47	10.44	6.47

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TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	17.7900	3.19	-	0.29	0.90	0.29	0.90
TOTAL OTHER HYDRO	-	19.33	-	10.73	0.00	10.73	5.55
NON-CONVENTIONAL ENERGY SOURCES	-		-	0.00	0.00	0.00	0.00
WIND-IPPS	-	1973.58	-	702.59	3.56	702.59	3.56
KPCL-WIND (9x0.225+10x0.230)	-	0.00	-	0.00	3.58	0.00	3.58
MINI HYDEL-IPPS	-	54.19	-	17.18	3.17	17.18	3.17
CO-GEN	-	335.50	-	173.12	5.16	173.12	5.16
CAPPTIVE	-	0.00	-	0.00	3.08	0.00	3.08
BIOMASS	-	0.00	-	0.00	5.25	0.00	5.25
Solar Existing	-		-				
SOLAR-existing	-	655.46	-	358.54	5.47	358.54	5.47
Solar SECI	-	299.59	-	134.82	4.50	134.82	4.50
NTPC solar Bundle power NSM(Pavagada)	19.0000	190.00	-	90.25	4.75	90.25	4.75
Solar New Projects	-		-	0.00	0.00	0.00	0.00
Solar-New Park Pavagada	-	221.62	-	64.05	2.89	64.05	2.89
Solar-KREDL(New and others)	-		-	0.00	3.15	0.00	3.15
SOLAR-KPCL (YELESANDRA,ITNAL,YAPALDINNI,SH IMSHA) (3x1+3x1+1x3x1x5)	-	3.46	-	1.24	3.58	1.24	3.58
TOTAL NCE		3733.40	-	1541.78	0.00	1541.78	4.13
NTPC Bundled power solar Old	19.0871	23.00	-	24.22	10.53	24.22	10.53
NTPC Bundled power coal Old	19.0827	96.23	-	38.88	4.04	38.88	4.04
NTPC Bundled power coal new(Pavagada)	19.0000	384.14	-	113.71	2.96	113.71	2.96
Power purchase from Co gen	20.0705	250.07		117.28	4.69	117.28	4.69
PGCIL CHARGES	-	-	391.52	-	-	391.52	-
KPTCL CHARGES	-	-	696.02	-	-	696.02	-
SLDC	-	-	3.26	-	-	3.26	-
POSOCO CHARGES	-	-	0.55	-	-	0.55	-
TOTAL INCLUDING TRANSMISSION & LDC CHARGES		14544.557	1999.26	4067.53	2.7966	6066.79	4.1712