

Annexure-2

MESCOM APPROVED POWER PURCHASE FOR FY21								
SI no	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
A	KPCL THERMAL							
1	RAICHUR THERMAL POWER STATION_RTPS 1-7 (7X210)	7.303	511.09	64.53	177.35	3.47	241.87	4.73
2	RAICHUR THERMAL POWER STATION_RTPS 8 (1X250)	8.400	117.60	18.04	41.63	3.54	59.67	5.07
3	BELLARY THERMAL POWER STATIONS_BTPS-1 (1X500)	8.400	102.17	27.39	40.77	3.99	68.16	6.67
4	BELLARY THERMAL POWER STATIONS_BTPS-2 (1X500)	8.400	110.90	38.35	40.37	3.64	78.72	7.10
5	BELLARY THERMAL POWER STATIONS_BTPS-3 (1X700)	8.400	201.94	63.41	69.87	3.46	133.28	6.60
6	YTPS	8.400	155.76	119.21	57.63	3.70	176.84	11.35
	TOTAL KPCL THERMAL		1199.46	330.93	427.61	3.56	758.55	6.32
B	CGS SOURCES							
1	N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	8.400	186.07	16.42	50.05	2.69	66.47	3.57
2	N.T.P.C-RSTP-III (1X500MW)	8.400	50.09	4.33	13.62	2.72	17.95	3.58
3	NTPC-TALCHER (4X500MW)	8.400	189.99	15.12	37.81	1.99	52.93	2.79
4	SIMHADRI UNIT -1 &2 (2X500MW)	8.400	84.87	16.95	30.22	3.56	47.17	5.56
5	NTPC TAMILNADU ENERGY COMPANY LTD (NTECL)_VALLUR TPS STAGE I &2 &3 (3X500MW)	8.400	62.80	16.10	25.06	3.99	41.16	6.55
6	NEYVELI LIGNITE CORPORATION_NLC TPS-II STAGE I (3X210MW)	8.400	61.99	5.72	17.67	2.85	23.39	3.77
7	NEYVELI LIGNITE CORPORATION_NLC TPS-II STAGE 2 (4X210MW)	8.400	86.15	8.00	24.55	2.85	32.55	3.78
8	NEYVELI LIGNITE CORPORATION_NLC TPS I EXP (2X210MW)	8.400	65.04	5.98	16.91	2.60	22.89	3.52
9	NEYVELI LIGNITE CORPORATION_NLC TPS2 EXP (2X250MW)	8.400	50.92	15.79	13.49	2.65	29.29	5.75
10	NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	8.400	96.04	18.76	29.49	3.07	48.24	5.02
11	MAPS (2X220MW)	8.400	7.21	0.00	2.07	2.87	2.07	2.87
12	KAIGA UNIT 1&2 (2X220MW)	8.400	70.97	0.00	29.88	4.21	29.88	4.21

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13	KAIGA UNIT 3 &4 (2X200MW)	8.400	72.19	-	30.39	4.21	30.39	4.21
14	NPCIL-KUDANKULAM ATOMIC POWER GENERATING STATION (KKNPP U1 (1X1000MW)	8.400	106.66	-	45.33	4.25	45.33	4.25
15	NPCIL-KUDANKULAM ATOMIC POWER GENERATING STATION (KKNPP) U2(1X1000MW)	8.400	125.84	-	53.48	4.25	53.48	4.25
16	DVC-UNIT-1 &2 MEJA TPS (2X500MW)	8.400	97.59	17.12	29.37	3.01	46.50	4.76
17	DVC-UNIT-7 & 8-KODERMA TPS (2X500MW)	8.400	121.99	24.69	32.69	2.68	57.38	4.70
18	KUDGI	8.400	100.80	81.22	38.20	3.79	119.42	11.85
19	NEW NLC THERMAL PROJECT	8.400	38.41	9.37	8.68	2.26	18.05	4.70
	TOTAL CGS ENERGY @ KPTCL PERIPHERY		1675.64	255.57	528.97	3.15	784.55	3.55
C	MAJOR IPPS							
1	UDUPI POWER CORPORATION LIMITED_UPCL (2X600)	13.000	468.00	148.36	169.88	3.63	318.24	6.80
D	KPCL HYDEL STATIONS							
1	SHARAVATHI VALLEY PROJECT_SVP (10X103.5+2X27.5)	8.000	400.25	-	18.41	0.46	18.41	0.46
2	MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4X21.6+4X13.2)	8.400	21.82	-	1.55	0.71	1.55	0.71
3	GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4X60)	8.400	44.13	-	7.81	1.77	7.81	1.77
4	KALI VALLEY PROJECT_KVP (2X50+5X150+1X135)	12.566	391.95	-	28.22	0.72	28.22	0.72
5	VARAHI VALLEY PROJECT_VVP (4X115+2X4.5)	8.400	84.71	-	11.86	1.40	11.86	1.40
6	ALMATTI DAM POWER HOUSE_ADPH (1X15+5X55)	8.400	36.50	-	5.91	1.62	5.91	1.62
7	BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1X2+2X12)+(1X7.2+1X6))	8.400	4.02	-	2.20	5.46	2.20	5.46
8	KADRA POWER HOUSE_KPH (3X50)	8.400	31.14	-	7.66	2.46	7.66	2.46
9	KODASALLI DAM POWER HOUSE_KDPH (3X40)	8.400	29.15	-	5.16	1.77	5.16	1.77
10	GHATAPRABHA DAM POWER HOUSE_GDPH (2X16)	8.400	5.72	-	1.18	2.06	1.18	2.06

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11	SHIVASAMUDRAM (4X4+6X3) & SHIMSHAPURA (2X8.6) HYDRO STATIONS.	8.400	24.48	-	1.00	0.41	1.00	0.41
12	MUNIRABAD POWER HOUSE (2X9+1X10)	8.400	7.68	-	0.86	1.12	0.86	1.12
	TOTAL KPCL HYDRO		1081.57	-	91.82	0.85	91.82	0.85
D	OTHER HYDRO			-				
1	PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6X39)	8.400	13.15	-	4.93	3.75	4.93	3.75
2	TUNGABHADRA DAM POWER HOUSE_TBPH (4X9+4X9)	8.400	2.27	-	0.26	1.12	0.26	1.12
	TOTAL OTHER HYDRO		15.42	-	5.18	3.36	5.18	3.36
	RE SOURCES			-				
1	WIND-IPPS		266.23	-	103.56	3.89	103.56	3.89
2	KPCL-WIND (9X0.225+10X0.230)			-		4.01		4.01
3	MINI HYDEL-IPPS		348.08	-	115.91	3.33	115.91	3.33
4	CO-GEN			-		3.81	0.00	3.81
5	CAPPTIVE			-		3.98	0.00	3.98
6	BIOMASS			-		5.40	0.00	5.40
7	SOLAR EXISITNG		409.92	-	169.03	4.12	169.03	4.12
8	S RTPV			-		6.24	0.00	6.24
9	SOLAR TALUKA PROJECTS		91.54	-	28.47	3.11	28.47	3.11
10	SOLAR-NEW PARK PAVAGADA		143.05	-	40.48	2.83	40.48	2.83
11	WIND MOA			-		3.84	0.00	3.84
12	SOLAR-KPCL (YELESANDRA,ITNAL,YAPAL DINNI,SHIMSHA) (3X1+3X1+1X3X1X5)			-		6.00		6.00
	TOTAL RE		1258.82	-	457.45		457.45	
1	BUNDLED POWER COAL(OLD)	7.912	24.51	-	9.90	4.04	9.90	4.04
2	BUNDLED POWER COAL(NEW)	7.890	159.30	-	47.95	3.01	47.95	3.01
3	BUNDLED POWER SOLAR(OLD)	7.912	9.53	-	10.03	10.52	10.03	10.52

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4	BUNDLED POWER SOLAR (NEW)	7.890	98.58	-	47.32	4.80	47.32	4.80
	TOTAL BUNDLED POWER		291.92	-	115.20	3.95	115.20	3.95
1	MEDIUM TERM (CO GEN)		106.27	-	55.37	5.21	55.37	5.21
E	TOTAL EXCLUDING TRANSMISSION & LDC CHARGES		-	-	-	-	-	-
1	KPTCL TRANSMISSION CHARGES		-	319.22	-	-	319.22	-
2	PGCIL CHARGES		-	219.39	-	-	219.39	-
3	SLDC		-	1.996	-	-	1.996	-
4	POSOCO CHARGES		-	0.19	-	-	0.19	-
F	TOTAL INCLUDING TRANSMISSION & LDC CHARGES		6097.103	1275.66	1851.50	3.04	3127.157	5.129