

Annexure- 2(ii)

MESCOM's APPROVED POWER PURCHASE FOR FY21							
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)	7.44	610.73	58.28	233.30	3.82	291.58	4.77
RAICHUR THERMAL POWER STATION RTPS 8 (1x250)	7.44	109.34	17.31	39.58	3.62	56.89	5.20
BELLARY THERMAL POWER STATIONS BTPS-1 (1x500)	7.44	109.57	22.33	43.83	4.00	66.16	6.04
BELLARY THERMAL POWER STATIONS BTPS-2 (1x500)	7.44	99.61	35.86	38.35	3.85	74.21	7.45
BELLARY THERMAL POWER STATIONS BTPS-3 (1x700)	7.44	107.27	74.96	38.93	3.63	113.89	10.62
YTPS	7.44	120.42	120.42	39.51	3.28	159.93	13.28
TOTAL KPCL THERMAL	7.44	1156.94	329.15	433.50		762.65	6.59
CGS SOURCES	7.44						
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	7.44	199.22	14.20	51.91	2.61	66.11	3.32
N.T.P.C-RSTP-III (1X500MW)	7.44	59.69	3.75	15.25	2.56	19.00	3.18
NTPC-Talcher (4X500MW)	7.44	178.61	13.03	31.32	1.75	44.35	2.48
Simhadri Unit -1 &2 (2X500MW)	7.44	77.47	12.17	23.23	3.00	35.40	4.57
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	7.44	56.55	12.33	18.54	3.28	30.87	5.46
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	7.44	62.77	4.62	17.10	2.72	21.72	3.46
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	7.44	82.23	6.26	22.40	2.72	28.66	3.49
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	7.44	53.33	5.64	13.62	2.55	19.26	3.61
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	7.44	44.59	10.79	11.39	2.55	22.17	4.97
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	7.44	86.83	14.39	21.92	2.52	36.31	4.18
MAPS (2X220MW)	7.44	15.45	-	3.67	2.37	3.67	2.37
Kaiga Unit 1 &2 (2X220MW)	7.44	65.67	-	25.98	3.96	25.98	3.96
Kaiga Unit 3 &4 (2X200MW)	7.44	68.96	-	27.28	3.96	27.28	3.96

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NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW))	7.44	72.59	-	32.17	4.43	32.17	4.43
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	7.44	95.89	-	42.49	4.43	42.49	4.43
DVC-Unit-1 & 2 Meja TPS (2x500MW)	7.44	90.96	16.43	23.03	2.53	39.46	4.34
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	7.44	110.83	23.90	22.80	2.06	46.70	4.21
Kudgi	7.44	230.94	59.08	73.58	3.19	132.66	5.74
TOTAL CGS Energy @ KPTCI periphery	7.44	1652.58	196.59	477.67		674.25	3.55
TOTAL MAJOR IPPS	7.44	-	-	-	-	-	-
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	7.44	345.77	87.43	129.13	3.73	216.56	6.26
KPCL HYDEL STATIONS	7.44	-	-	-	-	-	-
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	15.05	683.12	-	36.58	0.54	36.58	0.54
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	12.00	26.12	-	4.00	1.53	4.00	1.53
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	12.00	63.42	-	12.19	1.92	12.19	1.92
KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	12.00	354.52	-	29.41	0.83	29.41	0.83
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	12.00	133.39	-	14.01	1.05	14.01	1.05
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	12.00	54.68	-	10.68	1.95	10.68	1.95
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	12.00	5.93	-	3.27	5.51	3.27	5.51
KADRA POWER HOUSE_KPH (3x50)	12.00	45.17	-	11.48	2.54	11.48	2.54

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KODASALLI DAM POWER HOUSE_KDPH (3x40)	12.00	43.06	-	7.42	1.72	7.42	1.72
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	12.00	8.94	-	2.58	2.89	2.58	2.89
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	12.00	30.00	-	4.13	1.38	4.13	1.38
MUNIRABAD POWER HOUSE (2x9+1x10)	12.00	11.30	-	1.27	1.12	1.27	1.12
TOTAL KPCL HYDRO	12.00	1459.66	-	137.00		137.00	0.94
OTHER HYDRO	12.00						
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	12.00	11.21	-	7.62	6.79	7.62	6.79
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	12.00	2.22	-	0.21	0.95	0.21	0.95
TOTAL OTHER HYDRO	-	13.43	-	7.83	-	7.83	5.83
NON-CONVENTIONAL ENERGY SOURCES	-	-	-				
WIND-IPPS	-	261.65	-	93.15	3.56	93.15	3.56
KPCL-WIND (9x0.225+10x0.230)	-	-	-	0.00	3.58	0.00	3.58
MINI HYDEL-IPPS	-	271.86	-	86.18	3.17	86.18	3.17
CO-GEN	-	-	-	-	5.16	0.00	5.16
CAPPTIVE	-	-	-	-	3.08	0.00	3.08
BIOMASS	-	-	-	-	5.25	0.00	5.25
Solar Exisitng	-	-	-	-	0.00	0.00	0.00
SOLAR-existing	-	243.00	-	132.92	5.47	132.92	5.47
Solar SECI	-	133.15	-	59.92	4.50	59.92	4.50
NTPC solar Bundle power NSM(Pavagada)	-	98.58	-	46.83	4.75	46.83	4.75
Solar New Projects	-		-				
Solar-New Park Pavagada	-	157.56	-	45.54	2.89	45.54	2.89
Solar-KREDL(New and others)	-		-				

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SOLAR-KPCL (YELESANDRA,ITNAL,YAPAL DINNI,SHIMSHA) (3x1+3x1+1x3x1x5)	-	0.00	-	0.00	3.58	0.00	3.58
TOTAL Non-Conventional Energy (NCE)	-	1165.81	-	464.53	0.00	464.53	3.98
NTPC Bundled power solar Old	-	9.54	-	10.05	10.53	10.05	10.53
NTPC Bundled power coal Old	-	39.90	-	16.12	4.04	16.12	4.04
NTPC Bundled power coal new(Pavagada)	-	159.39	-	47.18	2.96	47.18	2.96
Power purchase from Co gen	-	103.04	-	48.33	4.69	48.33	4.69
TRANSMISSION CHARGES:						0.00	
PGCIL CHARGES	-	-	121.98	-	-	121.98	-
KPTCL CHARGES	-	-	271.06	-	-	271.06	-
SLDC	-	-	1.92	-	-	1.92	-
POSOCO CHARGES	-	-	0.23	-	-	0.23	-
TOTAL INCLUDING TRANSMISSION & LDC CHARGES		6106.05	1008.36	1771.33	2.9009	2779.69	4.552