

MESCOM's APPROVED POWER PURCHASE FOR FY22

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)	6.65	552.25	55.05	220.90	4.00	275.95	5.00
RAICHUR THERMAL POWER STATION RTPS 8 (1x250)	7.00	112.35	16.29	43.71	3.89	59.99	5.34
BELLARY THERMAL POWER STATIONS BTPS-1 (1x500)	7.00	129.50	23.53	53.10	4.10	76.63	5.92
BELLARY THERMAL POWER STATIONS BTPS-2 (1x500)	7.00	129.50	37.80	52.63	4.06	90.43	6.98
BELLARY THERMAL POWER STATIONS BTPS-3 (1x700)	7.00	106.40	70.53	39.77	3.74	110.31	10.37
YTPS	7.00	138.74	106.95	46.89	3.38	153.83	11.09
TOTAL KPCL THERMAL	7.00	1168.75	310.15	456.99		767.15	6.56
CGS SOURCES							
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	7.28	204.16	14.32	54.80	2.68	69.11	3.39
N.T.P.C-RSTP-III (1X500MW)	7.28	56.74	3.78	14.93	2.63	18.71	3.30
NTPC-Talcher (4X500MW)	7.28	182.88	13.14	33.03	1.81	46.17	2.52
Simhadri Unit -1 &2 (2X500MW)	7.28	79.95	12.27	24.69	3.09	36.97	4.62
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	7.28	58.36	12.43	19.71	3.38	32.14	5.51
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	7.28	64.06	4.66	17.97	2.81	22.64	3.53
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	7.28	84.15	6.31	23.61	2.81	29.92	3.56
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	7.28	44.12	5.69	11.60	2.63	17.29	3.92
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	7.28	50.98	10.88	13.41	2.63	24.29	4.76
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	7.28	93.26	14.51	24.25	2.60	38.76	4.16
MAPS (2X220MW)	7.28	7.50	0.00	1.83	2.44	1.83	2.44
Kaiga Unit 1&2 (2X220MW)	7.28	58.27	0.00	23.74	4.07	23.74	4.07

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Kaiga Unit 3 & 4 (2X200MW)	7.28	67.37	0.00	27.45	4.07	27.45	4.07
NPCIL-KudanKulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	7.28	96.77	0.00	44.17	4.56	44.17	4.56
NPCIL-KudanKulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	7.28	106.25	0.00	48.49	4.56	48.49	4.56
DVC-Unit-1 & 2 Meja TPS (2x500MW)	7.28	93.88	16.57	24.48	2.61	41.05	4.37
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	7.28	114.39	24.10	24.24	2.12	48.34	4.23
Kudgi	7.28	316.96	59.58	104.02	3.28	163.59	5.16
TOTAL CGS Energy @ KPTCI periphery	7.28	1780.04	198.25	536.43		734.68	3.55
TOTAL MAJOR IPPS							
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	7.28	349.61	88.17	137.33	3.93	225.50	6.45
KPCL HYDEL STATIONS							
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	13.50	594.00	-	33.56	0.56	33.56	0.56
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	13.50	28.32	-	4.58	1.62	4.58	1.62
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	13.50	69.34	-	14.06	2.03	14.06	2.03
KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	13.50	414.50	-	36.27	0.88	36.27	0.88
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	13.50	138.02	-	15.29	1.11	15.29	1.11
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	13.50	59.41	-	12.24	2.06	12.24	2.06
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	13.50	6.06	-	3.53	5.82	3.53	5.82
KADRA POWER HOUSE_KPH (3x50)	13.50	48.60	-	13.03	2.68	13.03	2.68
KODASALLI DAM POWER HOUSE_KDPH (3x40)	13.50	48.24	-	8.76	1.82	8.76	1.82

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GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	13.50	9.48	-	2.89	3.05	2.89	3.05
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	13.50	34.08	-	4.95	1.45	4.95	1.45
MUNIRABAD POWER HOUSE (2x9+1x10)	13.50	12.16	-	1.44	1.19	1.44	1.19
TOTAL KPCL HYDRO	13.50	1462.23	-	150.60		150.60	1.03
OTHER HYDRO			-				
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	7.65	7.53	-	5.40	7.17	5.40	7.17
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	7.65	1.49	-	0.15	1.00	0.15	1.00
TOTAL OTHER HYDRO	7.65	9.02		5.55		5.55	6.15
NON-CONVENTIONAL ENERGY SOURCES							
WIND-IPPS	-	261.65	-	93.15	3.56	93.15	3.56
KPCL-WIND (9x0.225+10x0.230)	-	0.00	-	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 Existing	-		-				
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	-		-	0.00	0.00	0.00	0.00
Solar-New Park Pavagada	-	195.61	-	56.53	2.89	56.53	2.89
Solar-KREDL(New and others)	-	99.86	-	31.46	3.15	31.46	3.15
SOLAR-KPCL (YELESANDRA,ITNAL,YAPALD INNI,SHIMSHA) (3x1+3x1+1x3x1x5)	-	0.00	0.00	0.00	3.58	0.00	3.58
TOTAL Non-Conventional Energy (NCE)	-	1303.71	0.00	506.98	0.00	506.98	3.89

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NTPC Bundled power solar Old	-	9.54	0.00	10.05	10.53	10.05	10.53
NTPC Bundled power coal Old	-	39.90	0.00	16.12	4.04	16.12	4.04
NTPC Bundled power coal new(Pavagada)	-	159.39	0.00	47.18	2.96	47.18	2.96
Power purchase from Co gen	-	-	-	-	-	-	-
TRANSMISSION CHARGES	-	-	-	-	-	-	-
PGCIL CHARGES	-	-	132.94	-	-	132.94	-
KPTCL CHARGES	-	-	291.32	-	-	291.32	-
SLDC	-	-	2.18	-	-	2.18	-
POSOCO CHARGES	-	-	0.23	-	-	0.23	-
TOTAL INCLUDING TRANSMISSION & LDC CHARGES		6282.20	1023.24	1867.22	2.9722	2890.46	4.601