

MESCOM'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)	7.4900	597.00	59.10	225.67	3.78	284.76	4.77
RAICHUR THERMAL POWER STATION RTPS 8 (1x250)	7.6500	109.16	17.37	39.08	3.58	56.45	5.17
BELLARY THERMAL POWER STATIONS_BTPS-1 (1x500)	7.6500	109.40	22.20	42.12	3.85	64.32	5.88
BELLARY THERMAL POWER STATIONS_BTPS-2 (1x500)	7.6500	99.45	35.12	37.19	3.74	72.31	7.27
BELLARY THERMAL POWER STATIONS_BTPS-3 (1x700)	7.6500	107.10	46.91	36.84	3.44	83.75	7.82
YTSP	7.6500	120.23	56.33	37.39	3.11	93.72	7.80
TOTAL KPCL THERMAL	7.6500	1142.34	237.04	418.29		655.33	5.74
CGS SOURCES	7.6500						
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	7.6500	198.90	14.17	49.13	2.47	63.30	3.18
N.T.P.C-RSTP-III (1X500MW)	7.6500	59.59	3.74	14.43	2.42	18.17	3.05
NTPC-Talcher (4X500MW)	7.6500	178.32	13.01	29.64	1.66	42.65	2.39
Simhadri Unit -1 &2 (2X500MW)	7.6500	77.34	12.15	21.98	2.84	34.13	4.41
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	7.6500	56.46	12.31	17.55	3.11	29.85	5.29
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	7.6500	62.67	4.62	16.18	2.58	20.80	3.32
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	7.6500	82.10	6.25	21.20	2.58	27.45	3.34
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	7.6500	53.24	5.63	12.89	2.42	18.52	3.48
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	7.6500	44.52	10.77	10.77	2.42	21.54	4.84
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	7.6500	86.69	14.37	20.75	2.39	35.11	4.05
MAPS (2X220MW)	7.6500	15.43	-	3.47	2.25	3.47	2.25
Kaiga Unit 1&2 (2X220MW)	7.6500	65.56	-	24.59	3.75	24.59	3.75
Kaiga Unit 3 &4 (2X200MW)	7.6500	68.85	-	25.82	3.75	25.82	3.75
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	7.6500	72.48	-	30.44	4.20	30.44	4.20
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	7.6500	95.73	-	40.21	4.20	40.21	4.20

MESCOM'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.
DVC-Unit-1 & 2 Meja TPS (2x500MW)	7.6500	90.81	16.41	21.79	2.40	38.20	4.21
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	7.6500	110.65	23.86	21.58	1.95	45.44	4.11
Kudgi	7.6500	230.57	58.98	69.63	3.02	128.61	5.58
TOTAL CGS Energy @ KPTCI periphery	7.6500	1649.93	196.27	452.04		648.31	3.55
TOTAL MAJOR IPPS							
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	7.5611	329.08	86.27	116.49	3.54	202.77	6.16
KPCL HYDEL STATIONS							
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	13.3591	555.35	-	28.32	0.51	28.32	0.51
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	13.0000	27.48	-	4.01	1.46	4.01	1.46
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	13.0000	66.70	-	12.21	1.83	12.21	1.83
KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	13.0000	372.87	-	29.46	0.79	29.46	0.79
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	13.0000	140.30	-	14.03	1.00	14.03	1.00
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	13.0000	57.51	-	10.70	1.86	10.70	1.86
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	13.0000	6.24	-	3.28	5.25	3.28	5.25
KADRA POWER HOUSE_KPH (3x50)	13.0000	47.50	-	11.50	2.42	11.50	2.42
KODASALLI DAM POWER HOUSE_KDPH (3x40)	13.0000	45.29	-	7.43	1.64	7.43	1.64
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	13.0000	9.41	-	2.59	2.75	2.59	2.75
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	13.0000	31.56	-	4.13	1.31	4.13	1.31
MUNIRABAD POWER HOUSE (2x9+1x10)	13.0000	11.89	-	1.27	1.07	1.27	1.07
TOTAL KPCL HYDRO	13.0000	1372.09	-	128.92		128.92	0.94
OTHER HYDRO	7.6500		-				
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	7.6500	6.94	-	4.49	6.47	4.49	6.47
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	7,6500	1.37	-	0.12	0.90	0.12	0.90

MESCOM'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.
TOTAL OTHER HYDRO	7.6500	8.31	-	4.61		4.61	5.55
NON-CONVENTIONAL ENERGY SOURCES (NCE)	-		-				
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	-	-	-	0.00	5.16	0.00	5.16
CAPPTIVE	-	-	-	0.00	3.08	0.00	3.08
BIOMASS	-	-	-	0.00	5.25	0.00	5.25
Solar Existing	-	-	-	0.00	0.00	0.00	0.00
SOLAR-existing	-	242.86	-	132.85	5.47	132.85	5.47
Solar SECI	-	133.15	-	59.92	4.50	59.92	4.50
NTPC solar Bundle power NSM(Pavagada)	7.8900	78.90	-	37.48	4.75	37.48	4.75
Solar New Projects	-		-	0.00	0.00	0.00	0.00
Solar-New Park Pavagada	-	110.66	-	31.98	2.89	31.98	2.89
Solar-KREDL(New and others)	-	-	-	0.00	3.15	0.00	3.15
SOLAR-KPCL (YELESANDRA,ITNAL,YAPALDIN NI,SHIMSHA) (3x1+3x1+1x3x1x5)	0.0000	-	-	0.00	3.58	0.00	3.58
TOTAL NCE	7.1159	1099.08		441.55	0.00	441.55	4.02
NTPC Bundled power solar Old	7.9170	9.54		10.05	10.53	10.05	10.53
NTPC Bundled power coal Old	7.9123	39.90		16.12	4.04	16.12	4.04
NTPC Bundled power coal new(Pavagada)	7.8900	159.52		47.22	2.96	47.22	2.96
Power purchase from Co gen	8.2699	103.04		48.33	4.69	48.33	4.69
TRANSMISSION CHARGES:						0.00	
PGCIL CHARGES	-	-	143.68	-	-	143.68	-
KPTCL CHARGES	-	-	259.00	-	-	259.00	-
SLDC	-	-	1.41	-	-	1.41	-
POSOCO CHARGES	-	-	0.23	-	-	0.23	-
TOTAL INCLUDING TRANSMISSION & LDC CHARGES		5912.83	923.91	1683.61	2.8474	2607.52	4.4099