

MESCOM's Approved Power Purchase For FY19							
NAME OF THE GENERATING STATION	% SHARE OF ENERGY ALLOWED	ENERGY ALLOWED (MU)	CAPACITY CHARGES(R S Cr)	ENERGY CHARGES PER UNIT RATE (Rs/Kwh))	ENERGY CHARGE S (Rs Cr)	TOTAL COST (Rs Cr)	PER UNIT RATE (Rs/ Kwh)
KPCL THERMAL STATIONS							
RAICHUR THERMAL POWER STATION_RTPS 1-7 (7x210)	1.1900	98.55	10.21	3.13	30.85	41.06	4.17
RAICHUR THERMAL POWER STATION_RTPS 8 (1x250)	2.5000	29.70	5.80	3.06	9.09	14.90	5.02
BELLARY THERMAL POWER STATIONS_BTPS-1 (1x500)	2.5000	54.57	7.75	3.75	20.46	28.22	5.17
BELLARY THERMAL POWER STATIONS_BTPS-2 (1x500)	2.5000	63.35	11.76	3.40	21.54	33.30	5.26
BELLARY THERMAL POWER STATIONS_BTPS-3 (1x700)	2.5000	20.00	0.00	3.12	6.24	6.24	3.12
YTPS Unit- 1	2.5000	20.00	0.00	2.34	4.68	4.68	2.34
YTPS Unit- 2	2.5000	20.00	0.00	2.34	4.68	4.68	2.34
TOTAL KPCL THERMAL		306.17	35.53	3.19	97.54	133.07	4.35
CGS SOURCES							
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	8.1054	214.63	15.88	2.40	51.51	67.39	3.14
N.T.P.C-RSTP-III (1X500MW)	8.1054	52.52	4.15	2.40	12.61	16.75	3.19
NTPC-Talcher (4X500MW)	8.1054	199.15	14.74	1.52	30.27	45.01	2.26
Simhadri Unit -1 &2 (2X500MW)	8.1054	92.81	15.31	2.82	26.17	41.48	4.47
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	8.1054	56.41	10.54	3.00	16.92	27.46	4.87
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	8.1054	55.65	6.68	2.90	16.14	22.82	4.10
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	8.1054	77.71	9.40	2.90	22.54	31.94	4.11
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	8.1054	55.01	7.81	2.70	14.85	22.66	4.12
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	8.1054	41.34	8.80	2.70	11.16	19.97	4.83

Annexure - II

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NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	8.1054	83.81	15.67	3.26	27.32	42.99	5.13
MAPS (2X220MW)	8.1054	14.41	0.00	2.23	3.21	3.21	2.23
Kaiga Unit 1&2 (2X220MW)	8.1054	70.84	0.00	3.23	22.88	22.88	3.23
Kaiga Unit 3 &4 (2X200MW)	8.1054	74.33	0.00	3.23	24.01	24.01	3.23
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	8.1054	72.79	0.00	4.22	30.72	30.72	4.22
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	8.1054	72.79	0.00	4.22	30.72	30.72	4.22
DVC-Unit-1 &2 Meja TPS (2x500MW)	8.1054	118.01	16.52	2.22	26.20	42.72	3.62
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	8.1054	147.48	23.89	1.83	26.99	50.88	3.45
Kudgi	4.8000	77.20	14.74	3.60	27.79	42.54	5.51
TOTAL CGS Energy @ KPTCL periphery		1576.89	164.15	2.68	422.01	586.16	3.72
TOTAL MAJOR IPPS							
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	4.8000	322.18	51.87	3.15	101.49	153.36	4.76
KPCL HYDEL STATIONS							
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	20.2400	919.15	0.00	0.44	40.44	40.44	0.44
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	20.0000	51.62	0.00	0.61	3.15	3.15	0.61
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	20.0000	102.77	0.00	1.62	16.68	16.68	1.62
KALI VALLEY PROJECT_KVP (2x50+6x150)	20.0000	557.61	0.00	0.70	39.03	39.03	0.70
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	20.0000	206.82	0.00	1.21	25.09	25.09	1.21
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	20.0000	91.86	0.00	1.60	14.72	14.72	1.60

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BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	20.0000	10.46	0.00	4.32	4.52	4.52	4.32
KADRA POWER HOUSE_KPH (3x50)	20.0000	49.52	0.00	2.28	11.30	11.30	2.28
KODASALLI DAM POWER HOUSE_KDPH (3x40)	20.0000	56.48	0.00	1.59	9.01	9.01	1.59
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	20.0000	15.07	0.00	2.01	3.03	3.03	2.01
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	20.0000	58.11	0.00	0.99	5.75	5.75	0.99
MUNIRABAD POWER HOUSE (2x9+1x10)	20.0000	19.59	0.00	0.64	1.25	1.25	0.64
TOTAL KPCL HYDRO	20.0000	2139.07		0.81	173.99	173.99	
OTHER HYDRO							
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	20.0000	22.00	0.00	4.10	9.02	9.02	4.10
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	20.0000	2.65	0.00	1.03	0.27	0.27	1.03
TOTAL OTHER HYDRO		24.65		3.77	9.29	9.29	3.77
RENEWABLE SOURCES OF ENERGY SOURCES							
WIND-IPPS		284.20	0.00	3.50	99.47	99.47	3.50
KPCL-WIND (9x0.225+10x0.230)			0.00	3.49	0.00	0.00	
MINI HYDEL-IPPS		227.80	0.00	3.28	74.75	74.75	3.28
CO-GEN			0.00	4.36	0.00		
CAPPTIVE			0.00	3.56	0.00		
BIOMASS			0.00	4.93	0.00		
SOLAR		156.32	0.00	5.60	87.54	87.54	5.60
Solar-New Park-Pavagada	7.8900	78.79	0.00	4.80	37.82	37.82	4.80
SOLAR-KPCL (YELESANDRA,ITNAL,YAPALDINNI,SHIMSHA) (3x1+3x1+1x3x1x5)			0.00	6.18	0.00		
TOTAL NCE		747.11	0.00	4.01	299.58	299.58	4.01

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Solar Park at Pavagada- Bundled with Thermal power of NTPC	7.9130	215.85	0.00	3.32	71.64	71.64	3.32
Power purchase from Co-gen - Medium Term	8.0180	77.84	0.00	4.82	37.55	37.55	4.82
Short term power purchase May 2018	12.5000	123.53	0.00	4.08	50.40	50.40	4.08
TRANSMISSION CHARGES			0.00		0.00		
PGCIL CHARGES			125.34		0.00	125.34	
KPTCL CHARGES			224.37		0.00	224.37	
SLDC			2.09		0.00	2.09	
POSO CO CHARGES			0.18		0.00	0.18	
TOTAL INCLUDING TRANSMISSION & LDC CHARGES		5533.28	603.54		1263.48	1867.02	3.37