

Annexure- 2(iii)

GESCOM'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)	6.18	512.62	51.10	205.05	4.00	256.15	5.00
RAICHUR THERMAL POWER STATION RTPS 8 (1x250)	12.40	199.02	28.85	77.42	3.89	106.27	5.34
BELLARY THERMAL POWER STATIONS BTPS-1 (1x500)	12.40	229.40	41.68	94.05	4.10	135.74	5.92
BELLARY THERMAL POWER STATIONS BTPS-2 (1x500)	12.40	229.40	66.96	93.23	4.06	160.19	6.98
BELLARY THERMAL POWER STATIONS BTPS-3 (1x700)	12.40	188.49	124.95	70.46	3.74	195.41	10.37
YTPS	12.40	245.77	189.45	83.06	3.38	272.51	11.09
TOTAL KPCL THERMAL	12.40	1604.70	502.99	623.27		1126.26	7.02
CGS SOURCES	12.40						
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	12.40	347.63	24.38	93.31	2.68	117.68	3.39
N.T.P.C-RSTP-III (1X500MW)	12.40	96.61	6.43	25.43	2.63	31.86	3.30
NTPC-Talcher (4X500MW)	12.40	311.41	22.38	56.24	1.81	78.62	2.52
Simhadri Unit -1 &2 (2X500MW)	12.40	136.14	20.90	42.04	3.09	62.94	4.62
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	12.40	99.38	21.17	33.56	3.38	54.73	5.51
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	12.40	109.08	7.94	30.60	2.81	38.54	3.53
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	12.40	143.28	10.75	40.20	2.81	50.95	3.56
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	12.40	75.12	9.69	19.75	2.63	29.44	3.92
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	12.40	86.82	18.52	22.83	2.63	41.35	4.76
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	12.40	158.80	24.71	41.29	2.60	66.00	4.16
MAPS (2X220MW)	12.40	12.77	-	3.12	2.44	3.12	2.44
Kaiga Unit 1&2 (2X220MW)	12.40	99.22	-	40.43	4.07	40.43	4.07
Kaiga Unit 3 &4 (2X200MW)	12.40	114.72	-	46.75	4.07	46.75	4.07

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NPCIL-KudanKulam Atomic Power Generating Station (KKNPP U1 (1X1000MW))	12.40	164.79	-	75.21	4.56	75.21	4.56
NPCIL-KudanKulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	12.40	180.91	-	82.57	4.56	82.57	4.56
DVC-Unit-1 &2 Meja TPS (2x500MW)	12.40	159.85	28.22	41.69	2.61	69.90	4.37
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	12.40	194.77	41.04	41.27	2.12	82.31	4.23
Kudgi	12.40	539.70	101.44	177.11	3.28	278.56	5.16
TOTAL CGS Energy @ KPTCI periphery		3031.01	337.57	913.41		1250.99	4.13
TOTAL MAJOR IPPS							21331.23
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	14.58	699.66	176.44	274.84	3.93	451.28	6.45
KPCL HYDEL STATIONS							
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	16.18	711.70	-	40.21	0.56	40.21	0.56
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	12.40	26.02	-	4.21	1.62	4.21	1.62
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	12.40	63.70	-	12.91	2.03	12.91	2.03
KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	12.40	380.79	-	33.32	0.88	33.32	0.88
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	12.40	126.80	-	14.05	1.11	14.05	1.11
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	12.40	54.58	-	11.25	2.06	11.25	2.06
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	12.40	5.57	-	3.24	5.82	3.24	5.82
KADRA POWER HOUSE_KPH (3x50)	12.40	44.65	-	11.97	2.68	11.97	2.68
KODASALLI DAM POWER HOUSE_KDPH (3x40)	12.40	44.32	-	8.05	1.82	8.05	1.82

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GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	12.40	8.71	-	2.65	3.05	2.65	3.05
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	12.40	31.31	-	4.54	1.45	4.54	1.45
MUNIRABAD POWER HOUSE (2x9+1x10)	12.40	11.17	-	1.32	1.19	1.32	1.19
TOTAL KPCL HYDRO	12.40	1509.33	-	147.73		147.73	0.98
OTHER HYDRO	12.04		-				
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	12.40	12.21	-	8.75	7.17	8.75	7.17
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	12.40	2.41	-	0.24	1.00	0.24	1.00
TOTAL OTHER HYDRO	-	14.63	-	9.00	0.00	9.00	6.15
NON-CONVENTIONAL ENERGY SOURCES	-		-	0.00	0.00	0.00	0.00
WIND-IPPS	-	1476.75	-	525.72	3.56	525.72	3.56
KPCL-WIND (9x0.225+10x0.230)	-	0.00	-	0.00	3.58	0.00	3.58
MINI HYDEL-IPPS	-	110.09	-	34.90	3.17	34.90	3.17
CO-GEN	-	74.54	-	38.46	5.16	38.46	5.16
CAPTIVE	-	0.79	-	0.24	3.08	0.24	3.08
BIOMASS	-	11.20	-	5.88	5.25	5.88	5.25
Solar Existing	-		-	0.00	0.00	0.00	0.00
SOLAR-existing	-	496.01	-	271.32	5.47	271.32	5.47
Solar SECI	-	133.15	-	59.92	4.50	59.92	4.50
NTPC solar Bundle power NSM(Pavagada)	-	188.91	-	89.73	4.75	89.73	4.75
Solar New Projects	-		-	0.00	0.00	0.00	0.00
Solar-New Park Pavagada	-	304.49	-	88.00	2.89	88.00	2.89
Solar-KREDL(New and others)	-		-	0.00	3.15	0.00	3.15
SOLAR-KPCL (YELESANDRA,ITNAL,YAPAL DINNI,SHIMSHA) (3x1+3x1+1x3x1x5)	-	2.42	-	0.87	3.58	0.87	3.58
TOTAL Non-Conventional Energy (NCE)	-	2798.35	-	1115.04	0.00	1115.04	0.00
NTPC Bundled power solar Old	-	17.89	-	18.84	10.53	18.84	10.53
NTPC Bundled power coal	-	74.94	-	30.28	4.04	30.28	4.04

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Old							
NTPC Bundled power coal new(Pavagada)	-	305.44	-	90.41	2.96	90.41	2.96
Power purchase from Co-gen	-	-	-	-	-	-	-
TRANSMISSION CHARGES:							
PGCIL CHARGES	-	-	202.94	-	-	202.94	-
KPTCL CHARGES	-	-	475.11	-	-	475.11	-
SLDC	-	-	3.56	-	-	3.56	-
POSOCO CHARGES	-	-	0.36	-	-	0.36	-
TOTAL INCLUDING TRANSMISSION & LDC CHARGES		10055.9564	1698.98	3222.81	3.2049	4921.80	4.894