

Annexure- 2(ii)

GESCOM'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_RTPTS 1-7 (7x210)	7.23	593.77	56.67	226.82	3.82	283.48	4.77
RAICHUR THERMAL POWER STATION_RTPTS 8 (1x250)	12.27	180.41	28.56	65.31	3.62	93.87	5.20
BELLARY THERMAL POWER STATIONS_BTPTS-1 (1x500)	12.27	180.79	36.84	72.32	4.00	109.16	6.04
BELLARY THERMAL POWER STATIONS_BTPTS-2 (1x500)	12.27	164.36	59.16	63.28	3.85	122.44	7.45
BELLARY THERMAL POWER STATIONS_BTPTS-3 (1x700)	12.27	177.00	123.68	64.24	3.63	187.92	10.62
YTPS	12.27	198.70	198.69	65.19	3.28	263.89	13.28
TOTAL KPCL THERMAL	12.27	1495.02	503.61	557.15		1060.76	7.10
CGS SOURCES	12.27						
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	12.27	328.71	23.43	85.66	2.61	109.08	3.32
N.T.P.C-RSTP-III (1X500MW)	12.27	98.49	6.18	25.17	2.56	31.35	3.18
NTPC-Talcher (4X500MW)	12.27	294.70	21.51	51.67	1.75	73.18	2.48
Simhadri Unit -1 & 2 (2X500MW)	12.27	127.82	20.08	38.32	3.00	58.41	4.57
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I & 2 & 3 (3X500MW)	12.27	93.30	20.34	30.59	3.28	50.93	5.46
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	12.27	103.58	7.63	28.21	2.72	35.84	3.46
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	12.27	135.69	10.33	36.96	2.72	47.29	3.49
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	12.27	87.99	9.31	22.47	2.55	31.78	3.61
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	12.27	73.58	17.80	18.79	2.55	36.59	4.97
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	12.27	143.28	23.74	36.17	2.52	59.91	4.18
MAPS (2X220MW)	12.27	25.50	0.00	6.05	2.37	6.05	2.37
Kaiga Unit 1&2 (2X220MW)	12.27	108.35	0.00	42.87	3.96	42.87	3.96

GESCOM'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.
Kaiga Unit 3 &4 (2X200MW)	12.27	113.79	0.00	45.02	3.96	45.02	3.96
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	12.27	119.78	0.00	53.07	4.43	53.07	4.43
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	12.27	158.21	0.00	70.10	4.43	70.10	4.43
DVC-Unit-1 &2 Meja TPS (2x500MW)	12.27	150.08	27.11	38.00	2.53	65.11	4.34
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	12.27	182.87	39.43	37.62	2.06	77.05	4.21
Kudgi	12.27	381.06	97.48	121.41	3.19	218.88	5.74
TOTAL CGS Energy @ KPTCI periphery	12.27	2726.77	324.37	788.16		1112.53	4.08
TOTAL MAJOR IPPS							
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	12.27	570.52	144.25	213.07	3.73	357.33	6.26
KPCL HYDEL STATIONS							
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	12.73	577.66	-	30.93	0.54	30.93	0.54
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	12.27	26.72	-	4.10	1.53	4.10	1.53
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	12.27	64.87	-	12.46	1.92	12.46	1.92
KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	12.27	362.63	-	30.08	0.83	30.08	0.83
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	12.27	136.44	-	14.33	1.05	14.33	1.05
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	12.27	55.93	-	10.92	1.95	10.92	1.95
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	12.27	6.07	-	3.35	5.51	3.35	5.51
KADRA POWER HOUSE_KPH (3x50)	12.27	46.20	-	11.74	2.54	11.74	2.54
KODASALLI DAM POWER HOUSE_KDPH (3x40)	12.27	44.05	-	7.58	1.72	7.58	1.72

GESCOM'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.
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	12.27	9.15	-	2.64	2.89	2.64	2.89
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	12.27	30.69	-	4.22	1.38	4.22	1.38
MUNIRABAD POWER HOUSE (2x9+1x10)	12.27	11.56	-	1.30	1.12	1.30	1.12
TOTAL KPCL HYDRO	12.27	1371.97	-	133.66		133.66	0.97
OTHER HYDRO			-				
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	12.27	11.47	-	7.79	6.79	7.79	6.79
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	12.27	2.27	-	0.21	0.95	0.21	0.95
TOTAL OTHER HYDRO		13.74		8.01	0.00	8.01	5.83
NON-CONVENTIONAL ENERGY SOURCES	-		-				
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
CAPPTIVE	-	0.79	-	0.24	3.08	0.24	3.08
BIOMASS	-	11.20	-	5.88	5.25	5.88	5.25
Solar Existing	-		-				
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	-	301.95	-	87.26	2.89	87.26	2.89
Solar-KREDL(New and others)	-		-	0.00	0.00	0.00	0.00
SOLAR-KPCL (YELESANDRA,ITNAL,YAPA LDINNI,SHIMSHA) (3x1+3x1+1x3x1x5)	-	2.43	-	0.87	3.58	0.87	3.58
TOTAL Non-Conventional Energy (NCE)	-	2795.81	-	1114.30	0.00	1114.30	0.00
NTPC Bundled power solar Old	-	17.89	-	18.84	10.53	18.84	10.53
NTPC Bundled power coal Old	-	74.94	-	30.28	4.04	30.28	4.04

Annexure- 2(ii)

GESCOM'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.
NTPC Bundled power coal new(Pavagada)	-	305.44	-	90.41	2.96	90.41	2.96
Power purchase from Co- gen	-	175.85	-	82.47	4.69	82.47	4.69
TRANSMISSION CHARGES							
PGCIL CHARGES	-	-	131.91	-	-	131.91	-
KPTCL CHARGES	-	-	442.55	-	-	442.55	-
SLDC	-	-	3.13	-	-	3.13	-
POSOCO CHARGES	-	-	0.36	-	-	0.36	-
TOTAL INCLUDING TRANSMISSION & LDC CHARGES		9547.9474	1550.17	3036.34	3.1801	4586.52	4.8037