

## ANNEXURE-2

## GESCOM APPROVED POWER PURCHASE FOR FY21

SI No	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
A	KPCL THERMAL							
1	RAICHUR THERMAL POWER STATION_RTPS 1-7 (7X210)	6.651	465.48	58.77	161.52	3.47	220.29	4.73
2	RAICHUR THERMAL POWER STATION_RTPS 8 (1X250)	7.000	98.00	15.03	34.69	3.54	49.72	5.07
3	BELLARY THERMAL POWER STATIONS_BTPS-1 (1X500)	7.000	85.14	22.83	33.97	3.99	56.80	6.67
4	BELLARY THERMAL POWER STATIONS_BTPS-2 (1X500)	7.000	92.41	31.96	33.64	3.64	65.60	7.10
5	BELLARY THERMAL POWER STATIONS_BTPS-3 (1X700)	7.000	168.29	52.84	58.23	3.46	111.07	6.60
6	YTPS	7.000	129.80	99.34	48.03	3.70	147.37	11.35
	TOTAL KPCL THERMAL		1039.12	280.77	370.08	3.56	650.85	6.26
B	CGS SOURCES							
1	N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	13.281	294.19	25.95	79.14	2.69	105.09	3.57
2	N.T.P.C-RSTP-III (1X500MW)	13.281	79.20	6.85	21.54	2.72	28.39	3.58
3	NTPC-TALCHER (4X500MW)	13.281	300.39	23.91	59.78	1.99	83.69	2.79
4	SIMHADRI UNIT -1 &2 (2X500MW)	13.281	134.19	26.81	47.77	3.56	74.58	5.56
5	NTPC TAMILNADU ENERGY COMPANY LTD (NTECL)_VALLUR TPS STAGE I &2 &3 (3X500MW)	13.281	99.29	25.46	39.62	3.99	65.08	6.55
6	NEYVELI LIGNITE CORPORATION_NLC TPS-II STAGE I (3X210MW)	13.281	98.02	9.04	27.93	2.85	36.98	3.77
7	NEYVELI LIGNITE CORPORATION_NLC TPS-II STAGE 2 (4X210MW)	13.281	136.21	12.64	38.82	2.85	51.46	3.78
8	NEYVELI LIGNITE CORPORATION_NLC TPS I EXP (2X210MW)	13.281	102.84	9.46	26.74	2.60	36.20	3.52
9	NEYVELI LIGNITE CORPORATION_NLC TPS2 EXP (2X250MW)	13.281	80.51	24.97	21.34	2.65	46.30	5.75
10	NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	13.281	151.85	29.66	46.62	3.07	76.27	5.02
11	MAPS (2X220MW)	13.281	11.40	0.00	3.27	2.87	3.27	2.87

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12	KAIGA UNIT 1&2 (2X220MW)	13.281	112.21	0.00	47.24	4.21	47.24	4.21
13	KAIGA UNIT 3 &4 (2X200MW)	13.281	114.14	0.00	48.05	4.21	48.05	4.21
14	NPCIL-KUDANKULAM ATOMIC POWER GENERATING STATION (KKNPP U1 (1X1000MW)	13.281	168.63	0.00	71.67	4.25	71.67	4.25
15	NPCIL-KUDANKULAM ATOMIC POWER GENERATING STATION (KKNPP) U2(1X1000MW)	13.281	198.96	0.00	84.56	4.25	84.56	4.25
16	DVC-UNIT-1 &2 MEJA TPS (2X500MW)	13.281	154.30	27.07	46.44	3.01	73.52	4.76
17	DVC-UNIT-7 & 8-KODERMA TPS (2X500MW)	13.281	192.87	39.04	51.69	2.68	90.73	4.70
18	KUDGI	8.850	106.20	85.57	40.25	3.79	125.82	11.85
19	NEW NLC THERMAL PROJECT	13.281	60.73	14.81	13.73	2.26	28.53	4.70
	TOTAL CGS ENERGY @ KPTCL PERIPHERY		2596.14	361.23	816.19	3.14	1177.43	4.54
C	MAJOR IPPS							
1	UDUPI POWER CORPORATION LIMITED_UPCL (2X600)	11.000	396.00	125.53	143.75	3.63	269.28	6.80
D	KPCL HYDEL STATIONS							
1	SHARAVATHI VALLEY PROJECT_SVP (10X103.5+2X27.5)	9.000	450.29	-	20.71	0.46	20.71	0.46
2	MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4X21.6+4X13.2)	26.546	68.96	-	4.90	0.71	4.90	0.71
3	GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4X60)	26.546	139.48	-	24.69	1.77	24.69	1.77
4	KALI VALLEY PROJECT_KVP (2X50+5X150+1X135)	9.000	280.71	-	20.21	0.72	20.21	0.72
5	VARAHI VALLEY PROJECT_VVP (4X115+2X4.5)	26.546	267.72	-	37.48	1.40	37.48	1.40
6	ALMATTI DAM POWER HOUSE_ADPH (1X15+5X55)	26.546	115.36	-	18.69	1.62	18.69	1.62
7	BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1X2+2X12)+(1X7.2+1X6))	26.546	12.70	-	6.94	5.46	6.94	5.46

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8	KADRA POWER HOUSE_KPH (3X50)	26.546	98.40	-	24.21	2.46	24.21	2.46
9	KODASALLI DAM POWER HOUSE_KDPH (3X40)	26.546	92.13	-	16.31	1.77	16.31	1.77
10	GHATAPRABHA DAM POWER HOUSE_GDPH (2X16)	26.546	18.07	-	3.72	2.06	3.72	2.06
11	SHIVASAMUDRAM (4X4+6X3) & SHIMSHAPURA (2X8.6) HYDRO STATIONS.	26.546	77.37	-	3.17	0.41	3.17	0.41
12	MUNIRABAD POWER HOUSE (2X9+1X10)	26.546	24.27	-	2.72	1.12	2.72	1.12
	TOTAL KPCL HYDRO		1645.47	-	183.74	1.12	183.74	1.12
D	OTHER HYDRO							
1	PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6X39)	12.493	19.56	-	7.33	3.75	7.33	3.75
2	TUNGABHADRA DAM POWER HOUSE_TBPH (4X9+4X9)	12.493	3.38	-	0.38	1.12	0.38	1.12
	TOTAL OTHER HYDRO		22.94	-	7.71	0.00	7.71	3.36
	RE SOURCES							
1	WIND-IPPS		1495.88	-	581.90	3.89	581.90	3.89
2	KPCL-WIND (9X0.225+10X0.230)			-	0.00	4.01	0.00	4.01
3	MINI HYDEL-IPPS		107.57	-	35.82	3.33	35.82	3.33
4	CO-GEN		86.02	-	32.77	3.81	32.77	3.81
5	CAPPTIVE		40.45	-	16.10	3.98	16.10	3.98
6	BIOMASS		30.02	-	16.21	5.40	16.21	5.40
7	SOLAR EXISITNG		635.24	-	261.94	4.12	261.94	4.12
8	SRTPV			-	0.00	6.24	0.00	6.24
9	SOLAR TALUKA PROJECTS		108.19	-	33.65	3.11	33.65	3.11
10	SOLAR-NEW PARK PAVAGADA		225.90	-	63.93	2.83	63.93	2.83
11	WIND MOA			-	0.00	3.84	0.00	3.84

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12	SOLAR-KPCL (YELESANDRA,ITNAL,YAPALD INNI,SHIMSHA) (3X1+3X1+1X3X1X5)		2.19	-	1.31	6.00	1.31	6.00
	TOTAL RE		2731.46	-	1043.63		1043.63	3.82
1	BUNDLED POWER COAL(OLD)	14.860	46.03	-	18.59	4.04	18.59	4.04
2	BUNDLED POWER COAL(NEW)	15.120	305.26	-	91.88	3.01	91.88	3.01
3	BUNDLED POWER SOLAR(OLD)	14.860	17.91	-	18.84	10.52	18.84	10.52
4	BUNDLED POWER SOLAR(NEW)	15.120	188.91	-	90.68	4.80	90.68	4.80
	TOTAL BUNDLED POWER		558.11	-	219.99	3.94	219.99	3.94
1	MEDIUM TERM (CO GEN)		181.37	-	94.49	5.21	94.49	5.21
E	TOTAL EXCLUDING TRANSMISSION & LDC CHARGES							
1	KPTCL TRANSMISSION CHARGES		-	521.183	-	-	521.183	-
2	PGCIL CHARGES		-	478.42	-	-	478.42	-
3	SLDC		-	3.665	-	-	3.665	-
4	POSOCO CHARGES		-	0.30	-	-	0.30	-
F	<b>TOTAL INCLUDING TRANSMISSION &amp; LDC CHARGES</b>		<b>9170.602</b>	<b>1771.10</b>	<b>2879.59</b>	<b>3.14</b>	<b>4650.69</b>	<b>5.071</b>