

BESCOM TOTAL POWER PURCHASE FOR FY21								
SI No	NAME OF THE GENERATING STATION	Percentage	Energy considered (MU)	Capacity Charges	Variable Charges		Total Cost	
				Amount in Crores	Amount in Crores	Cost/Unit in Rs	Amount in Crores	Cost/Unit in Rs
A	KPCL THERMAL							
1	RAICHUR THERMAL POWER STATION_RTPS 1-7 (7x210)	50.732	3550.60	448.27	1232.06	3.47	1680.32	4.73
2	RAICHUR THERMAL POWER STATION_RTPS 8 (1x250)	57.700	807.80	123.90	285.96	3.54	409.87	5.07
3	BELLARY THERMAL POWER STATIONS_BTPTS-1 (1x500)	57.700	701.83	188.17	280.03	3.99	468.19	6.67
4	BELLARY THERMAL POWER STATIONS_BTPTS-2 (1x500)	57.700	761.74	263.43	277.27	3.64	540.70	7.10
5	BELLARY THERMAL POWER STATIONS_BTPTS-3 (1x700)	57.700	1387.16	435.57	479.96	3.46	915.52	6.60
6	YTPS	57.700	1069.92	818.88	395.87	3.70	1214.75	11.35
	TOTAL KPCL THERMAL		8279.05	2278.21	2951.15		5229.364	6.32
B	CGS SOURCES					0.00		
1	N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	53.000	1174.01	103.57	315.81	2.69	419.38	3.57
2	N.T.P.C-RSTP-III (1X500MW)	53.000	316.05	27.32	85.97	2.72	113.29	3.58
3	NTPC-Talcher (4X500MW)	53.000	1198.75	95.41	238.55	1.99	333.96	2.79
4	Simhadri Unit -1 &2 (2X500MW)	53.000	535.51	106.97	190.64	3.56	297.61	5.56
5	NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	53.000	396.23	101.61	158.10	3.99	259.70	6.55
6	Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	53.000	391.15	36.09	111.48	2.85	147.56	3.77
7	Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	53.000	543.55	50.46	154.91	2.85	205.37	3.78
8	Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	53.000	410.39	37.75	106.70	2.60	144.45	3.52
9	Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	53.000	321.30	99.64	85.15	2.65	184.79	5.75
10	NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	53.000	606.00	118.34	186.04	3.07	304.38	5.02
11	MAPS (2X220MW)	53.000	45.51	0.00	13.06	2.87	13.06	2.87

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12	Kaiga Unit 1&2 (2X220MW)	53.000	447.78	0.00	188.52	4.21	188.52	4.21
13	Kaiga Unit 3 &4 (2X200MW)	53.000	455.51	0.00	191.77	4.21	191.77	4.21
14	NPCIL-KudanKulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	53.000	672.96	0.00	286.01	4.25	286.01	4.25
15	NPCIL-KudanKulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	53.000	793.98	0.00	337.44	4.25	337.44	4.25
16	DVC-Unit-1 &2 Meja TPS (2x500MW)	53.000	615.75	108.04	185.34	3.01	293.38	4.76
17	DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	53.000	769.69	155.78	206.28	2.68	362.06	4.70
18	Kudgi	49.000	588.00	473.78	222.85	3.79	696.63	11.85
19	New NLC thermal Project	53.000	242.37	59.10	54.78	2.26	113.87	4.70
	TOTAL CGS Energy @ KPTCI periphery		10524.49	1573.85	3319.38	3.16	4893.24	4.65
C	MAJOR IPPS					0.00		
1	UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	50.000	1800.00	570.60	653.40	3.63	1224.00	6.80
D	KPCL HYDEL STATIONS					0.00		
1	SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	42.000	2101.34	0.00	96.66	0.46	96.66	0.46
2	MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	24.800	64.43	0.00	4.57	0.71	4.57	0.71
3	GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	24.800	130.30	0.00	23.06	1.77	23.06	1.77
4	KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	43.000	1341.17	0.00	96.56	0.72	96.56	0.72
5	VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	24.800	250.11	0.00	35.02	1.40	35.02	1.40
6	ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	24.800	107.77	0.00	17.46	1.62	17.46	1.62
7	BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	24.800	11.87	0.00	6.48	5.46	6.48	5.46
8	KADRA POWER HOUSE_KPH (3x50)	24.800	91.93	0.00	22.62	2.46	22.62	2.46
9	KODASALLI DAM POWER HOUSE_KDPH (3x40)	24.800	86.07	0.00	15.23	1.77	15.23	1.77

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10	GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	24.800	16.88	0.00	3.48	2.06	3.48	2.06
11	SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	24.800	72.28	0.00	2.96	0.41	2.96	0.41
12	MUNIRABAD POWER HOUSE (2x9+1x10)	24.800	22.68	0.00	2.54	1.12	2.54	1.12
	TOTAL KPCL HYDRO		4296.83	0.00	326.65		326.65	0.76
D	OTHER HYDRO					0.00		
1	PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	49.788	77.94	0.00	29.21	3.75	29.21	3.75
2	TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	49.788	13.47	0.00	1.51	1.12	1.51	1.12
	TOTAL OTHER HYDRO	49.788	91.41	0.00	30.72		30.72	4.87
	RE SOURCES							
1	WIND-IPPS		2939.71	0.00	1143.55	3.89	1143.55	3.89
2	KPCL-WIND (9x0.225+10x0.230)		10.08	0.00	4.04	4.01	4.04	4.01
3	MINI HYDEL-IPPS		456.95	0.00	152.16	3.33	152.16	3.33
4	CO-GEN			0.00	0.00	3.81	0.00	3.81
5	CAPPTIVE		65.19	0.00	25.95	3.98	25.95	3.98
6	BIOMASS		63.62	0.00	34.35	5.40	34.35	5.40
7	Solar Exisitng		2528.94	0.00	1042.79	4.12	1042.79	4.12
8	S RTPV		92.18	0.00	57.52	6.24	57.52	6.24
9	Solar taluka Projects		472.07	0.00	146.81	3.11	146.81	3.11
10	Solar-New Park Pavagada		1028.43	0.00	291.05	2.83	291.05	2.83
11	Wind MOA			0.00	0.00	3.84	0.00	3.84
12	SOLAR-KPCL (YELESANDRA,ITNAL,YAPALD INNI,SHIMSHA) (3x1+3x1+1x3x1x5)		3.50	0.00	2.10	6.00	2.10	6.00
	TOTAL RE		7660.67	0.00	2900.33		2900.33	3.79
1	Bundled power Coal(OLD)	46.643	144.47	0.00	58.37	4.04	58.37	4.04
2	Bundled power Coal(NEW)	46.390	936.58	0.00	281.91	3.01	281.91	3.01
3	Bundled power Solar(OLD)	46.643	56.205	0.00	59.13	10.52	59.13	10.52
4	Bundled power Solar(NEW)	46.390	579.59	0.00	278.21	4.80	278.21	4.80
	Total Bundled Power		1716.85		677.61		677.61	

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1	Medium Term (Co Gen)		593.04	0.00	308.97	5.21	308.97	5.21
E	TOTAL Excluding TRANSMISSION & LDC CHARGES							
1	KPTCL TRANSMISSION CHARGES			2179.29			2179.29	
2	PGCIL CHARGES			751.48			751.48	
3	SLDC			11.92			11.92	
4	POSOCO CHARGES			1.32			1.32	
	TOTAL INCLUDING TRANSMISSION & LDC CHARGES		34962.35	7366.676	11168.21		18534.89	