

ESCOMs TOTAL APPROVED POWER PURCHASE FOR FY22						
NAME OF THE GENERATING STATION	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)	8300.00	827.44	3320.00	4.00	4147.44	5.00
RAICHUR THERMAL POWER STATION_RTPS 8 (1x250)	1605.00	232.66	624.38	3.89	857.04	5.34
BELLARY THERMAL POWER STATIONS_BTPS-1 (1x500)	1850.00	336.16	758.50	4.10	1094.66	5.92
BELLARY THERMAL POWER STATIONS_BTPS-2 (1x500)	1850.00	540.00	751.85	4.06	1291.85	6.98
BELLARY THERMAL POWER STATIONS_BTPS-3 (1x700)	1520.06	1007.64	568.21	3.74	1575.85	10.37
YTPS	1982.04	1618.74	709.69	3.38	2328.43	11.09
TOTAL KPCL THERMAL	17107.10	4562.64	6732.63		11295.27	0.00
CGS SOURCES						
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	2802.98	196.57	752.33	2.68	948.90	3.39
N.T.P.C-RSTP-III (1X500MW)	779.00	51.88	205.02	2.63	256.90	3.30
NTPC-Talcher (4X500MW)	2510.90	180.47	453.47	1.81	633.94	2.52
Simhadri Unit -1 & 2 (2X500MW)	1097.70	168.52	339.00	3.09	507.52	4.62
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I & 2 & 3 (3X500MW)	801.29	170.66	270.62	3.38	441.28	5.51
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	879.50	64.03	246.76	2.81	310.79	3.53
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	1155.28	86.66	324.14	2.81	410.80	3.56
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	605.69	78.14	159.28	2.63	237.41	3.92
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	700.00	149.36	184.08	2.63	333.44	4.76
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	1280.45	199.24	332.96	2.60	532.20	4.16
MAPS (2X220MW)	103.00	-	25.18	2.44	25.18	2.44
Kaiga Unit 1 & 2 (2X220MW)	800.00	-	326.00	4.07	326.00	4.07
Kaiga Unit 3 & 4 (2X200MW)	925.00	-	376.93	4.07	376.93	4.07
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	1328.67	-	606.40	4.56	606.40	4.56

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NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	1458.72	-	665.75	4.56	665.75	4.56
DVC-Unit-1 & 2 Meja TPS (2x500MW)	1288.88	227.51	336.14	2.61	563.65	4.37
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	1570.46	330.89	332.78	2.12	663.67	4.23
Kudgi	4351.67	817.95	1428.08	3.28	2246.03	5.16
TOTAL CGS Energy @ KPTCI periphery	24439.19	2721.88	7364.91		10086.79	0.00
TOTAL MAJOR IPSS						
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	4800.00	1210.49	1885.54	3.93	3096.02	6.45
KPCL HYDEL STATIONS						
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	4400.00	-	248.58	0.56	248.58	0.56
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	209.80	-	33.93	1.62	33.93	1.62
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	513.61	-	104.12	2.03	104.12	2.03
KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	3070.35	-	268.69	0.88	268.69	0.88
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	1022.39	-	113.26	1.11	113.26	1.11
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	440.10	-	90.68	2.06	90.68	2.06
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	44.92	-	26.12	5.82	26.12	5.82
KADRA POWER HOUSE_KPH (3x50)	360.04	-	96.52	2.68	96.52	2.68
KODASALLI DAM POWER HOUSE_KDPH (3x40)	357.33	-	64.92	1.82	64.92	1.82
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	70.24	-	21.40	3.05	21.40	3.05
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	252.45	-	36.63	1.45	36.63	1.45
MUNIRABAD POWER HOUSE (2x9+1x10)	90.10	-	10.68	1.19	10.68	1.19
TOTAL KPCL HYDRO	10831.33	-	1115.53		1115.53	0.00
OTHER HYDRO						
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	98.49	-	70.59	7.17	70.59	7.17

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TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	19.47	-	1.94	1.00	1.94	1.00
TOTAL OTHER HYDRO	117.96	-	72.53		72.53	0.00
NON-CONVENTIONAL ENERGY SOURCES (NCE)	0.00	-			0.00	0.00
WIND-IPPS	6603.22	-	2350.75	3.56	2350.75	3.56
KPCL-WIND (9x0.225+10x0.230)	11.17	-	4.00	3.58	4.00	3.58
MINI HYDEL-IPPS	944.34	-	299.36	3.17	299.36	3.17
CO-GEN	461.74	-	238.26	5.16	238.26	5.16
CAPPTIVE	138.60	-	42.69	3.08	42.69	3.08
BIOMASS	88.03	-	46.22	5.25	46.22	5.25
Solar Existing		-				
SOLAR-existing	3453.65	-	1889.15	5.47	1889.15	5.47
Solar SECI	1547.89	-	696.55	4.50	696.55	4.50
NTPC solar Bundle power NSM(Pavagada)	1249.40	-	593.47	4.75	593.47	4.75
Solar New Projects	0.00	-	0.00		0.00	0.00
Solar-New Park Pavagada	2398.66	-	693.21	2.89	693.21	2.89
Solar-KREDL(New and others)	343.70	-	108.27	3.15	108.27	3.15
	0.00	-	0.00		0.00	0.00
SOLAR-KPCL (YELESANDRA,ITNAL,YAPALDINNI,SHI MSHA) (3x1+3x1+1x3x1x5)	9.77	-	3.50	3.58	3.50	3.58
TOTAL Nan-Conventional Energy NCE	17250.17	-	6965.40	0.00	6965.40	0.00
NTPC Bundled power solar Old	120.50	-	126.89	10.53	126.89	10.53
NTPC Bundled power coal Old	504.28	-	203.73	4.04	203.73	4.04
NTPC Bundled power coal new(Pavagada)	2021.81	-	598.46	2.96	598.46	2.96
TRANSMISSION CHARGES	-	-	-	-	-	-
PGCIL CHARGES	-	2181.46	-	-	2181.460	-
KPTCL CHARGES	-	3910.48	-	-	3910.48	-
SLDC	-	29.30	-	-	29.30	-
POSOCO CHARGES	-	2.89	-	-	2.89	-
<b>TOTAL INCLUDING TRANSMISSION &amp; LDC CHARGES</b>	<b>77192.34</b>	<b>14619.14</b>	<b>25065.61</b>	<b>3.24</b>	<b>39684.74</b>	<b>5.141</b>