

ESCOM's TOTAL APPROVED POWER PURCHASE FOR FY19						
NAME OF THE GENERATING STATION	ENERGY ALLOWED (MU)	CAPACITY CHARGES (Rs Cr)	ENERGY CHARGES PER UNIT RATE (Rs/Kwh))	ENERGY CHARGES (Rs Cr)	TOTAL COST (Rs Cr)	PER UNIT RATE (Rs/Kw h)
KPCL THERMAL STATIONS						
RAICHUR THERMAL POWER STATION_RTPS 1-7 (7x210)	8281.33	858.05	3.13	2592.06	3450.11	4.17
RAICHUR THERMAL POWER STATION_RTPS 8 (1x250)	1187.95	232.15	3.06	363.75	595.90	5.02
BELLARY THERMAL POWER STATIONS_BTPS-1 (1x500)	2182.93	310.09	3.75	818.60	1128.69	5.17
BELLARY THERMAL POWER STATIONS_BTPS-2 (1x500)	2534.00	470.49	3.40	861.56	1332.05	5.26
BELLARY THERMAL POWER STATIONS_BTPS-3 (1x700)	800.00	0.00	3.12	249.60	249.60	3.12
YTPS Unit- 1	800.00	0.00	2.34	187.20	187.20	2.34
YTPS Unit- 2	800.00	0.00	2.34	187.20	187.20	2.34
TOTAL KPCL THERMAL	16586.21	1870.78	3.17	5259.97	7130.75	4.30
CGS SOURCES						
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	2648.00	195.95	2.40	635.52	831.47	3.14
N.T.P.C-RSTP-III (1X500MW)	648.00	51.19	2.40	155.52	206.71	3.19
NTPC-Talcher (4X500MW)	2457.00	181.82	1.52	373.46	555.28	2.26
Simhadri Unit -1 &2 (2X500MW)	1145.00	188.93	2.82	322.89	511.82	4.47
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	696.00	130.00	3.00	208.80	338.80	4.86
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	686.56	82.39	2.90	199.10	281.49	4.10
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	958.79	116.01	2.90	278.05	394.06	4.11
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	678.66	96.37	2.70	183.24	279.61	4.12

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Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	510.00	108.63	2.70	137.70	246.33	4.83
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	1034.00	193.36	3.26	337.08	530.44	5.13
MAPS (2X220MW)	177.73	0.00	2.23	39.63	39.63	2.23
Kaiga Unit 1 & 2 (2X220MW)	874.00	0.00	3.23	282.30	282.30	3.23
Kaiga Unit 3 & 4 (2X200MW)	917.00	0.00	3.23	296.19	296.19	3.23
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	898.00	0.00	4.22	378.96	378.96	4.22
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	898.00	0.00	4.22	378.96	378.96	4.22
DVC-Unit-1 & 2 Meja TPS (2x500MW)	1455.99	203.84	2.22	323.23	527.07	3.62
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	1819.50	294.76	1.83	332.97	627.73	3.45
Kudgi	1608.26	307.18	3.60	578.97	886.15	5.51
TOTAL CGS Energy @ KPTCL periphery	20110.49	2150.42		5442.58	7593.00	3.78
TOTAL MAJOR IPPS						
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	6712.00	1080.63	3.15	2114.28	3194.91	4.76
KPCL HYDEL STATIONS						
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	4541.24		0.44	199.81	199.81	0.44
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	258.11		0.61	15.74	15.74	0.61
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	513.83		1.62	83.42	83.42	1.62
KALI VALLEY PROJECT_KVP (2x50+6x150)	2788.06		0.70	195.16	195.16	0.70

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VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	1034.12		1.21	125.45	125.45	1.21
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	459.29		1.60	73.60	73.60	1.60
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	52.32		4.32	22.61	22.61	4.32
KADRA POWER HOUSE_KPH (3x50)	247.58		2.28	56.51	56.51	2.28
KODASALLI DAM POWER HOUSE_KDPH (3x40)	282.41		1.59	45.04	45.04	1.59
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	75.37		2.01	15.17	15.17	2.01
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	290.57		0.99	28.77	28.77	0.99
MUNIRABAD POWER HOUSE (2x9+1x10)	97.96		0.64	6.27	6.27	0.64
TOTAL KPCL HYDRO	10640.86			867.55	867.55	0.82
OTHER HYDRO						
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	110.00		4.10	45.10	45.10	4.10
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	13.25		1.03	1.36	1.36	1.03
TOTAL OTHER HYDRO	123.25		3.77	46.46	46.46	3.77
RENEWABLE SOURCES OF ENERGY SOURCES						
WIND-IPPS	3902.48		3.50	1365.87	1365.87	3.50
KPCL-WIND (9x0.225+10x0.230)	7.76		3.49	2.71	2.71	3.49
MINI HYDEL-IPPS	847.43		3.28	278.06	278.06	3.28
CO-GEN	248.06		4.36	108.09	108.09	4.36
CAPPTIVE	13.17		3.56	4.68	4.68	3.56
BIOMASS	119.99		4.93	59.11	59.11	4.93
SOLAR	3258.67		5.60	1824.86	1824.86	5.60
Solar-New Park-Pavagada	998.64		4.80	479.35	479.35	4.80

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SOLAR-KPCL (YELESANDRA,ITNAL,YAPALDINNI,SHIMSHA) (3x1+3x1+1x3x1x5)	10.40		6.18	6.43	6.43	6.18
TOTAL NCE	9406.60			4129.16	4129.16	4.39
Solar Park at Pavagada-Bundled with Thermal power of NTPC	2727.73		3.32	905.28	905.28	3.32
Power purchase from Co-gen - Medium Term	970.82		4.82	468.34	468.34	4.82
Short term power purchase May 2018	988.20		4.08	403.19	403.19	4.08
TRANSMISSION CHARGES						0.00
PGCIL CHARGES		1550.00			1550.00	0.00
KPTCL CHARGES		2975.91			2975.91	0.00
SLDC		28.32			28.32	0.00
POSOCO CHARGES		2.27			2.27	0.00
TOTAL INCLUDING TRANSMISSION & LDC CHARGES	68266.16	9658.33		19636.78	29295.11	4.29