

ESCOM's Total Approved Power Purchase For FY18

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/Kwh)
KPCL THERMAL STATIONS						
RAICHUR THERMAL POWER STATION_RTPS 1-7 (7x210)	7850.68	792.92	3.34	2622.13	3415.05	4.35
RAICHUR THERMAL POWER STATION_RTPS 8 (1x250)	1269.00	227.15	2.88	365.47	592.62	4.67
BELLARY THERMAL POWER STATIONS_BTPTS-1 (1x500)	2516.00	274.36	3.52	885.63	1159.99	4.61
BELLARY THERMAL POWER STATIONS_BTPTS-2 (1x500)	2516.00	470.49	3.06	769.90	1240.39	4.93
BELLARY THERMAL POWER STATIONS_BTPTS-3 (1x700)	960.00	0.00	2.87	275.52	275.52	2.87
YTPS (1x 800)	960.00	0.00	2.92	280.32	280.32	2.92
TOTAL KPCL THERMAL	16071.68	1764.92	3.23	5198.97	6963.89	4.33
CGS SOURCES						
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	3214.00	198.82	2.29	735.65	934.48	2.91
N.T.P.C-RSTP-III (1X500MW)	792.00	75.94	2.40	190.08	266.02	3.36
NTPC-Talcher (4X500MW)	2845.00	225.86	1.68	478.13	703.99	2.47
Simhadri Unit -1 & 2 (2X500MW)	987.68	163.12	2.77	274.00	437.12	4.43
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I & 2 & 3 (3X500MW)	702.21	125.25	2.64	185.34	310.60	4.42
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	710.08	82.73	2.82	200.24	282.97	3.99
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	1126.00	135.83	2.82	317.53	453.36	4.03
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	698.00	98.92	2.61	182.07	281.00	4.03
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	520.98	111.33	2.55	132.67	244.00	4.68
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	1153.11	216.03	2.50	288.28	504.30	4.37
MAPS (2X220MW)	199.00		0.00	42.80	42.80	2.15
Kaiga Unit 1&2 (2X220MW)	920.00		0.00	293.10	293.10	3.19
Kaiga Unit 3 & 4 (2X220MW)	912.00		0.00	290.55	290.55	3.19
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	1511.00		0.00	623.16	623.16	4.12
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	345.77		0.00	142.60	142.60	4.12

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DVC-Unit-1 & 2 Meja TPS (2x500MW)	1402.48	208.22	2.38	333.59	541.82	3.86
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	1753.58	321.82	2.19	383.48	705.30	4.02
Kudgi	750.04	0.00	3.02	226.51	226.51	3.02
TOTAL CGS Energy @ KPTCL periphery	20542.92	1963.88		5319.80	7283.68	3.55
TOTAL MAJOR IPPS						
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	6712.00	1141.04	3.20	2147.84	3288.88	4.90
KPCL HYDEL STATIONS						
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	4914.10	21.27	0.35	173.40	194.67	0.40
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	279.58	2.32	0.45	12.60	14.92	0.53
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	521.59	24.43	1.11	57.94	82.37	1.58
KALI VALLEY PROJECT_KVP (2x50+6x150)	3172.76	21.36	0.55	174.31	195.67	0.62
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	1068.73	40.64	1.18	125.65	166.29	1.56
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	481.63	31.50	0.97	46.73	78.23	1.62
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	60.65	1.50	3.36	20.39	21.89	3.61
KADRA POWER HOUSE_KPH (3x50)	362.80	19.38	1.46	53.13	72.51	2.00
KODASALLI DAM POWER HOUSE_KDPH (3x40)	340.17	12.01	1.14	38.86	50.87	1.50
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	82.75	2.18	1.68	13.92	16.10	1.95
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	292.24	3.54	0.80	23.52	27.06	0.93
MUNIRABAD POWER HOUSE (2x9+1x10)	91.46	0.43	0.58	5.32	5.75	0.63
TOTAL KPCL HYDRO	11668.46	180.56	0.64	745.77	926.33	0.79
OTHER HYDRO						
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	110.00		4.35	47.82	47.82	4.35
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	9.37		1.83	1.72	1.72	1.83
TOTAL OTHER HYDRO	119.37		4.15	49.54	49.54	4.15
RENEWABLE ENERGY SOURCES						
WIND-IPPS	3704.87			1343.76	1343.76	3.63
KPCL-WIND (9x0.225+10x0.230)	7.80			2.89	2.89	3.71
MINI HYDEL-IPPS	1009.11			331.59	331.59	3.29
CO-GEN	160.01			74.30	74.30	4.64

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CAPPTIVE	13.17			3.74	3.74	2.84
BIOMASS	119.71			59.23	59.23	4.95
SOLAR-existing (anticipated as on 31.03.2017)	932.00			618.10	618.10	6.63
Solar-New Park	535.96			187.59	187.59	3.50
Solar-KREDL	672.16			353.29	353.29	5.26
SOLAR-KPCL (YELESANDRA,ITNAL,YAPALDINNI, SHIMSHA) (3x1+3x1+1x3x1x5)	10.61			6.37	6.37	6.00
TOTAL RE	7165.41			2980.86	2980.86	4.16
NTPC Bundled power	582.21			258.46	258.46	4.44
Power purchase from Co gen	1300.00			451.10	451.10	3.47
Short term power purchase	1120.00			467.04	467.04	4.17
Short term Purchase from MSEDCL	294.00			106.43	106.43	3.62
TRANSMISSION CHARGES	0.00					
PGCIL CHARGES		1066.00			1066.00	
KPTCL CHARGES		2753.70			2753.70	
SLDC		24.77			24.77	
POSOCO CHARGES		3.48			3.48	
TOTAL INCLUDING TRANSMISSION & SLDC CHARGES	65576.04	8898.35		17725.80	26624.15	4.06