

GESCOM's Approved Power Purchase For FY19							
NAME OF THE GENERATING STATION	% SHARE OF ENERGY ALLOWED	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)	5.6834	470.66	48.77	3.13	147.32	196.08	4.17
RAICHUR THERMAL POWER STATION_RTPS 8 (1x250)	6.6000	78.40	15.32	3.06	24.01	39.33	5.02
BELLARY THERMAL POWER STATIONS_BTPTS-1 (1x500)	6.6000	144.07	20.47	3.75	54.03	74.49	5.17
BELLARY THERMAL POWER STATIONS_BTPTS-2 (1x500)	6.6000	167.24	31.05	3.40	56.86	87.92	5.26
BELLARY THERMAL POWER STATIONS_BTPTS-3 (1x700)	6.6000	52.80	0.00	3.12	16.47	16.47	3.12
YTPS Unit- 1	6.6000	52.80	0.00	2.34	12.36	12.36	2.34
YTPS Unit- 2	6.6000	52.80	0.00	2.34	12.36	12.36	2.34
TOTAL KPCL THERMAL		1018.78	115.61	3.17	323.40	439.01	4.31
CGS SOURCES							
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	12.4137	328.71	24.32	2.40	78.89	103.22	3.14
N.T.P.C-RSTP-III (1X500MW)	12.4137	80.44	6.35	2.40	19.31	25.66	3.19
NTPC-Talcher (4X500MW)	12.4137	305.00	22.57	1.52	46.36	68.93	2.26
Simhadri Unit -1 &2 (2X500MW)	12.4137	142.14	23.45	2.82	40.08	63.53	4.47
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	12.4137	86.40	16.14	3.00	25.92	42.06	4.87
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	12.4137	85.23	10.23	2.90	24.72	34.94	4.10
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	12.4137	119.02	14.40	2.90	34.52	48.92	4.11
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	12.4137	84.25	11.96	2.70	22.75	34.71	4.12

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Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	12.4137	63.31	13.48	2.70	17.09	30.58	4.83
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	12.4137	128.36	24.00	3.26	41.84	65.85	5.13
MAPS (2X220MW)	12.4137	22.06	0.00	2.23	4.92	4.92	2.23
Kaiga Unit 1&2 (2X220MW)	12.4137	108.50	0.00	3.23	35.04	35.04	3.23
Kaiga Unit 3 &4 (2X200MW)	12.4137	113.83	0.00	3.23	36.77	36.77	3.23
NPCIL-KudanKulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	12.4137	111.47	0.00	4.22	47.04	47.04	4.22
NPCIL-KudanKulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	12.4137	111.47	0.00	4.22	47.04	47.04	4.22
DVC-Unit-1 &2 Meja TPS (2x500MW)	12.4137	180.74	25.30	2.22	40.12	65.43	3.62
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	12.4137	225.87	36.59	1.83	41.33	77.92	3.45
Kudgi	11.2000	180.13	34.40	3.60	64.85	99.25	5.51
TOTAL CGS Energy @ KPTCI periphery		2476.93	263.22	2.70	668.60	931.81	3.76
TOTAL MAJOR IPPS							
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	10.7900	724.22	116.60	3.15	228.13	344.73	4.76
KPCL HYDEL STATIONS							
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	15.5952	708.22	0.00	0.44	31.16	31.16	0.44
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	24.4284	63.05	0.00	0.61	3.85	3.85	0.61
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	24.4284	125.52	0.00	1.62	20.38	20.38	1.62
KALI VALLEY PROJECT_KVP (2x50+6x150)	35.1809	980.86	0.00	0.70	68.66	68.66	0.70
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	24.4284	252.62	0.00	1.21	30.65	30.65	1.21

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ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	24.4284	112.20	0.00	1.60	17.98	17.98	1.60
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	24.4284	12.78	0.00	4.32	5.52	5.52	4.32
KADRA POWER HOUSE_KPH (3x50)	24.4284	60.48	0.00	2.28	13.80	13.80	2.28
KODASALLI DAM POWER HOUSE_KDPH (3x40)	24.4284	68.99	0.00	1.59	11.00	11.00	1.59
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	24.4284	18.41	0.00	2.01	3.71	3.71	2.01
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	24.4284	70.98	0.00	0.99	7.03	7.03	0.99
MUNIRABAD POWER HOUSE (2x9+1x10)	24.4284	23.93	0.00	0.64	1.53	1.53	0.64
TOTAL KPCL HYDRO	24.4284	2498.04	0.00	0.86	215.26	215.26	0.86
OTHER HYDRO			0.00		0.00		
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	24.4284	26.87	0.00	4.10	11.02	11.02	4.10
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	24.4284	3.24	0.00	1.03	0.33	0.33	1.03
TOTAL OTHER HYDRO		30.11	0.00	3.77	11.35	11.35	3.77
RENEWABLE SOURCES OF ENERGY SOURCES							
WIND-IPPS		193.55	0.00	3.50	67.74	67.74	3.50
KPCL-WIND (9x0.225+10x0.230)			0.00	3.49	0.00	0.00	
MINI HYDEL-IPPS		102.26	0.00	3.28	33.55	33.55	3.28
CO-GEN		18.37	0.00	4.36	8.00	8.00	4.36
CAPPTIVE		13.17	0.00	3.56	4.68	4.68	3.56
BIOMASS		48.04	0.00	4.93	23.67	23.67	4.93
SOLAR		535.46	0.00	5.60	299.86	299.86	5.60
Solar-New Park-Pavagada	15.1200	150.99	0.00	4.80	72.48	72.48	4.80
SOLAR-KPCL (YELESANDRA,ITNAL,YAPALDINNI,SHIMSHA) (3x1+3x1+1x3x1x5)		2.72	0.00	6.18	1.68	1.68	6.18

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TOTAL NCE		1064.55	0.00	4.81	511.66	511.66	4.81
Solar Park at Pavagada- Bundled with Thermal power of NTPC	14.8590	405.32	0.00	3.32	134.52	134.52	3.32
Power purchase from Co-gen - Medium Term	13.6840	132.85	0.00	4.82	64.09	64.09	4.82
Short term power purchase May 2018	12.5000	123.53	0.00	4.08	50.40	50.40	4.08
TRANSMISSION CHARGES			0.00		0.00		
PGCIL CHARGES			206.44		0.00	206.44	
KPTCL CHARGES			354.27		0.00	354.27	
SLDC			2.89		0.00	2.89	
POSOCO CHARGES			0.31		0.00	0.31	
<b>TOTAL INCLUDING TRANSMISSION &amp; LDC CHARGES</b>		<b>8474.33</b>	<b>1059.34</b>		<b>2207.41</b>	<b>3266.75</b>	<b>3.85</b>