

# Annexure-J

**GULBARGA ELECTRICITY SUPPLY COMPANY LIMITED**  
Power Purchase Cost for FY 2019 Actuals

Format-D1

Sl.No	Source	Energy in MUs	Fixed Charges/Annnum (Rs. in Crs)	Variable Charges ( ps/ kwh)			Other charges Rs. in crores				Total Cost power at generation point (Rs. in Crs)						
				Variable Charges	Fuel Escin charges/Royalty	Total variable Charges	Incentive	Wheeling charges	Income Tax	Variable Charges Rs. in Cr	Fixed Charges	Total Variable charges	Total	Average rate (ps/kwh)			
<b>A</b>	<b>KPCL Thermal Stations</b>																
1	RTPS-1 to 7	392.46	48.70	353.71		353.71						138.82	48.70	138.82	187.52	477.80	
2	RTPS-8	76.56	15.22	336.45		336.45						25.76	15.22	25.76	40.98	535.30	
3	BTTPS Unit-I	107.54	22.01	408.11		408.11						43.89	22.01	43.89	65.90	612.79	
4	BTTPS Unit-II	121.73	31.32	374.37		374.37						45.57	31.32	45.57	76.90	631.67	
5	BTTPS Unit-III	20.86	29.55	347.35		347.35						7.25	29.55	7.25	36.79	1763.82	
6	YTTPS	45.65	53.52	318.13		318.13						14.52	53.52	14.52	68.04	1490.39	
	<b>Total KPCL Thermal (A)</b>	<b>764.81</b>	<b>200.33</b>	<b>360.62</b>		<b>360.62</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>275.81</b>	<b>200.33</b>	<b>275.81</b>	<b>476.13</b>	<b>622.55</b>	
<b>B</b>	<b>CGS Sources</b>																
7	N.T.P.C.-Ramagundam I&II	316.93	24.62	259.76		259.76						82.33	24.62	82.33	106.94	337.44	
8	NTPC RSTPS III	78.63	6.65	243.87		243.87						19.17	6.65	19.17	25.82	328.39	
9	NTPC-Talcher	296.30	22.40	172.55		172.55						51.13	22.40	51.13	73.53	248.15	
10	NTPC-Simhadri TPS I & 2	132.26	24.49	305.53		305.53						40.41	24.49	40.41	64.90	490.71	
11	NTPC Tamil Nadu Energy Company Ltd/Vallur	90.98	21.64	401.40		401.40						36.52	21.64	36.52	58.16	639.21	
12	NLC TPS2-(Stage 1)	96.44	8.32	255.77		255.77						24.67	8.32	24.67	32.99	342.07	
13	NLC TPS2-(Stage 2)	137.94	11.42	255.58		255.58						35.25	11.42	35.25	46.67	338.35	
14	NLC TPS1-Expn	77.17	7.29	240.54		240.54						18.56	7.29	18.56	25.85	335.02	
15	NLC TPS 2-Expn	52.58	12.47	250.82		250.82						13.19	12.47	13.19	25.66	488.06	
16	NLC Tamil Nadu Power Ltd (NTPL)	128.42	26.00	328.20		328.20						42.15	26.00	42.15	68.14	530.65	
17	MAPS	11.78	0.00	284.72		284.72						3.35	0.00	3.35	3.35	284.72	
18	Kaiga	265.82	0.00	373.03		373.03						99.16	0.00	99.16	99.16	373.03	
19	NIPCL Kudankulam Nuclear Power Project	152.11	0.00	451.94		451.94						68.75	0.00	68.75	68.75	451.94	
20	Damodar Valley Corporation(MTTPS 1&2)	144.48	22.73	248.52		248.52						35.91	22.73	35.91	58.63	405.82	
21	Damodar Valley Corporation(KTTPS 7&8)	182.20	33.05	212.56		212.56						38.73	33.05	38.73	71.78	393.96	
22	NTPC-Kudgi	340.67	112.37	387.12		387.12						131.88	112.37	131.88	244.25	716.98	
	<b>Total CGS (B)</b>	<b>2504.71</b>	<b>333.45</b>	<b>295.90</b>		<b>295.90</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>741.15</b>	<b>333.45</b>	<b>741.15</b>	<b>1074.60</b>	<b>429.03</b>	
<b>C</b>	<b>IPPs-Major</b>																
23	UPCL	526.96	129.27	371.23		371.23						195.62	129.27	195.62	324.89	616.53	
	<b>Total major IPP ©</b>	<b>526.96</b>	<b>129.27</b>	<b>371.23</b>		<b>371.23</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>195.62</b>	<b>129.27</b>	<b>195.62</b>	<b>324.89</b>	<b>616.53</b>	
<b>D</b>	<b>KPCL Hydel</b>																
24	Sharavathy Valley Project	775.75		42.26		42.26						32.78	0.00	32.78	32.78	42.26	
25	MGHE Jogfalls	46.16		78.68		78.68						3.63	0.00	3.63	3.63	78.68	
26	Geruseppa Power House	125.78		163.96		163.96						20.62	0.00	20.62	20.62	163.96	
27	Kali Valley Project	1166.89		63.89		63.89						0.00	0.00	0.00	74.55	63.89	
28	Varahi Valley Project	306.61		99.81		99.81						0.00	0.00	0.00	30.60	99.81	

**Executive Engineer**  
**REGULATORY AFFAIRS**

**Corporate Office**  
**GESCOM, KALABURAGI**

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Sl.No	Source	Energy in MUs	Fixed Charges/Annunum (Rs. in Crs)	Variable Charges (ps/kwh)			Other charges Rs. in crores					Total Cost power at generation point (Rs. in Crs)				
				Variable Charges	Fuel Escln charges/Royalty	Total variable Charges	Incentive	Wholesale charges	Income Tax	Variable Charges Rs. in Cr	Fixed Charges	Total Variable charges	Total	Average rate (ps/kwh)		
29	Almati Dam	97.94		177.78		177.78						17.41	0.00	17.41	177.78	
30	Bhadra Power House	14.34		380.60		380.60						5.46	0.00	5.46	380.60	
31	Kadra Power House	88.46		209.20		209.20						18.51	0.00	18.51	209.20	
32	Kodasalli Power House	80.76		153.34		153.34						12.38	0.00	12.38	153.34	
33	Ghataprabha Power House	19.36		209.59		209.59						4.06	0.00	4.06	209.59	
34	Shivasamudram&Shimsha	70.04		112.91		112.91						7.91	0.00	7.91	112.91	
35	Munirabad	21.65		72.82		72.82						1.58	0.00	1.58	72.82	
36	Varahi Unit 3 & 4	0.00		0.00		0.00						9.97	0.00	9.97	0.00	
	<b>Total KPCL Hydel (D)</b>	<b>2813.74</b>	<b>0.00</b>	<b>85.10</b>	<b>0.00</b>	<b>85.10</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>239.46</b>	<b>0.00</b>	<b>239.46</b>	<b>85.10</b>	
E	<b>Other Hydro</b>															
37	Priyadarshini Jurala Hydro Electric projects	9.92	14.33	0.00		0.00						0.00	14.33	0.00	14.33	1444.42
38	TBHF	6.61		119.58		119.58						0.79	0.00	0.79	119.58	
	<b>Total other Hydro (E)</b>	<b>16.53</b>	<b>14.33</b>	<b>47.81</b>	<b>0.00</b>	<b>47.81</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.79</b>	<b>14.33</b>	<b>0.79</b>	<b>15.12</b>	<b>914.68</b>
F	<b>Renewable sources</b>															
39	Wind Energy Firms	1495.88		395.02		395.02						590.90	0.00	590.90	590.90	395.02
40	Mini Hydel Energy Firms	107.57		331.04		331.04						35.61	0.00	35.61	331.04	
41	Co Generation	86.02		374.84		374.84						32.25	0.00	32.25	374.84	
42	Bio - Mass Energy Firms	30.02		523.70		523.70						15.72	0.00	15.72	523.70	
43	Solar	633.24		528.60		528.60						335.79	0.00	335.79	528.60	
44	Solar KPCL Yapaldinni	1.59		600.00		600.00						0.95	0.00	0.95	600.00	
	<b>Total NCE (F)</b>	<b>2356.32</b>	<b>0.00</b>	<b>429.15</b>	<b>0.00</b>	<b>429.15</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1011.22</b>	<b>0.00</b>	<b>1011.22</b>	<b>429.15</b>	
G	<b>Others</b>															
45	NTPC-VVNL	74.44	7.12	491.89		491.89						36.62	7.12	36.62	43.73	587.48
46	NTPC-NSM	505.68	40.37	317.46		317.46						160.53	40.37	160.53	200.91	397.30
47	Co-Generation Firms (Medium Term)	237.38		346.96		346.96						82.36	0.00	82.36	82.36	346.96
48	Short term	120.73		408.09		408.09						49.27	0.00	49.27	49.27	408.09
49	PGCIL Transmission Charges	0.00	237.94	0.00		0.00						0.00	237.94	0.00	237.94	0.00
50	KPCL Transmission charges	0.00	356.70	0.00		0.00						0.00	356.70	0.00	356.70	0.00
51	NTPC VVN Transmission charges	0.00	1.82	0.00		0.00						0.00	1.82	0.00	1.82	0.00
52	SLDC		2.89	0.00		0.00						0.00	2.89	0.00	2.89	0.00
53	POSO / RE charges		0.35	0.00		0.00						0.00	0.35	0.00	0.35	0.00
	<b>Total others (G)</b>	<b>938.23</b>	<b>647.19</b>	<b>350.43</b>	<b>0.00</b>	<b>350.43</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>328.78</b>	<b>647.19</b>	<b>328.78</b>	<b>975.97</b>	<b>1040.23</b>
H	<b>Others</b>															
54	UI charges	-5.63		-886.64		-886.64						4.99	0.00	4.99	4.99	-886.64
55	Banked energy	40.45		271.10		271.10						10.97	0.00	10.97	10.97	271.10
56	SRPTV	9.75		790.02		790.02						7.70	0.00	7.70	7.70	790.02
57	JKL expenditure			0.00		0.00						0.00	0.00	0.00	0.00	0.00
58	Provisions			0.00		0.00						0.00	0.00	0.00	0.00	0.00
59	Others Adj.			0.00		0.00						0.00	0.00	0.00	0.00	0.00

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**Executive Engineer**  
Regulatory Affairs  
Corporate Office,  
GESCOM, KAIARI, APT

