

ANNEXURE-III

Source wise Power Purchase Quantum, Rate & Cost

Source	Total Energy availability as per KPCL & PCKL in MUs after deducting Aux Consumption & as per SLDC Projections	BESCOM		Allowed for FY12						
		% allocation of Energy	BESCOM share of availability in MUs	Energy as per Tariff Filing in MUs	Energy allowed for FY 12 by KERC in MUs	Variable Charge Ps/unit allowed	BESCOM's Fixed/ capacity charge allowed Rs. in Cr	BESCOM's Variable charges allowed Rs. in Cr	BESCOM's Total Power purchase Cost allowed Rs. in Cr.	Average Rate Ps/unit as allowed
1	2	3	4	5	6	7	8	9	10	11
KPCL										
Sharavathi	5598.45	41.59	2328.58	853.05	2328.58	24.85	5.65	42.91	48.56	20.85
Bhadra	67.32	41.59	28.00	0	28.00	253.45	0.32	5.42	5.73	204.75
Linganamakki	234.63	41.59	97.59	37.8	97.59	24.85	0.00	0.39	0.39	4.00
Kalinadi(Nagajari)	3312.54	41.59	1377.80	0	1377.80	50.95	6.20	47.05	53.25	38.65
Supa	415.80	41.59	172.95	0	172.95	50.95	0.00	0.69	0.69	4.00
Varahi Units 1 & 2	1000.97	41.59	416.34	0	416.34	70.25	4.55	25.99	30.54	73.36
Varahi Units 3 & 4		27.51				15.59	10.02	0.00	10.02	39.54
Ghataprabha (GDPH)	99.00	41.59	41.18	0	41.18	70.28	0.60	2.64	3.24	240.28
Mallapur & Others	1.27	41.59	0.53	0	0.53	116.00	0.00	0.00	0.00	4.00
Mani Dam	24.75	41.59	10.29	0	10.29	70.25	0.00	0.04	0.04	4.00
Kadra Dam	447.48	41.59	186.12	0	186.12	91.74	6.10	17.27	23.38	125.60
Kodasalli Dam	431.64	41.59	179.53	0	179.53	77.71	4.12	12.96	17.08	95.15
Gerusoppa/STRP	607.86	41.59	252.83	0	252.83	87.99	7.26	17.92	25.18	99.59
Almatti	548.46	41.59	228.12	0	228.12	110.48	22.63	16.97	39.60	173.61
Shiva	256.41	41.59	106.65	0	106.65	91.48	0.00	0.43	0.43	4.00
Shimsa	74.25	41.59	30.88	0	30.88	42.37	0.00	0.12	0.12	4.00
Munirabad	84.15	41.59	35.00	0	35.00	70.45	0.00	0.14	0.14	4.00
MGHE-Jog	144.54	41.59	60.12	0	60.12	104.44	0.00	0.24	0.24	4.00
KPCL Hydel	13349.52		5552.51	890.85	5552.51	34.43	80.55	191.19	258.64	46.58
Thermal										
RTPS -1 to 7 (Total)	8042.44		4345.45	7266.17	4345.45		339.23	897.55	1236.78	284.61
RTPS -1 & 2	2297.84	49.62	1140.19		1140.19	206.55	89.01	235.51	324.51	284.61
RTPS -3	1148.92	49.62	570.09		570.09	206.55	44.50	117.75	162.26	284.61
RTPS -4	1148.92	80.50	924.88		924.88	206.55	72.20	191.03	263.23	284.61
RTPS -5 & 6	2297.84	49.62	1140.19		1140.19	206.55	89.01	235.51	324.51	284.61
RTPS 7	1148.92	49.62	570.09		570.09	206.55	44.50	117.75	162.26	284.61

RTPS 8	1151.82	49.62	571.53	1265.66	571.53	170.10	130.98	97.22	228.19	399.27
BTPS Unit I	2693.09	49.62	1336.31	2616.3	1336.31	171.43	194.24	229.08	423.33	316.79
BTPS Unit II		49.62	0.00	735.54	0.00		0.00	0.00	0.00	
Deisel-Yalahanka	501.73	100.00	501.73	556.00	501.73	1138.00	45.48	570.97	616.45	1228.65
KPCL-Thermal	12389.09		6755.03	12439.67	6755.03	265.70	709.92	1794.83	2504.75	370.80
Total KPCL purchase	25738.61		12307.54	13330.52	12307.54	161.37	790.47	1986.02	2763.39	224.53
CGS Imports	10644.99	49.62	5282.00	5129.34	5282.05	194.63	499.30	1028.06	1527.36	289.16
IPPs-Major										
Rayalseema	166.31	81.57	135.66	149.68	135.66	1021.28	11.18	138.55	149.73	1103.72
Tata Co	505.17	81.57	412.07	454.65	412.07	818.86	59.38	337.43	396.81	962.97
Udupi Power	4436.29	49.62	2201.29	2439.96	2201.29	261.00	240.82	574.54	815.36	370.40
Total IPPS Major	5107.77		2749.01	3044.29	2749.01	382.14	311.39	1050.51	1361.89	495.41
NCE (Old)										
Co-generation	288.40			0.00	0.00	0.00		0.00	0.00	
Biomass	237.08			41.00	41.00	488.00		20.01	20.01	488.00
Mini Hydel	1357.31			529.21	529.21	312.00		165.11	165.11	312.00
Wind mill	2534.81			1873.50	1873.50	359.00		672.59	672.59	359.00
Captive	173.91			0.00	0.00	0.00		0.00	0.00	
Total NCE (Old)	4591.51			2443.71	2443.71	350.99		857.71	857.71	350.99
NCE (New)										
Co-generation	155.52			155.52	155.52	365.00		56.76	56.76	365.00
Biomass	0.00			0.00	0.00	370.00		0.00	0.00	0.00
Mini Hydel	244.39			6.55	6.55	340.00		2.23	2.23	340.00
Wind mill	499.90			128.78	128.78	370.00		47.65	47.65	370.00
Solar	10.68			5.34	5.34	600.00		3.20	3.20	600.00
KPCL Wind	56.94			28.25	28.25	370.00		10.45	10.45	370.00
Total NCE (New)	967.43			324.44	324.44	370.78		120.30	120.30	370.78
Total NCE	5558.94			2768.15	2768.15	353.31		978.00	978.00	353.31
others										
TB Dam	32.00	49.62	15.88	15.88	15.88	22.50	0.00	0.36	0.36	22.50
Priyadarshini Jurala	240.00	49.62	119.09	119.09	119.09	246.00	0.00	29.30	29.30	246.00
Total of others			134.97	134.97	134.97		0.00	29.65	29.65	219.71
Short Term/ Medium Term purchases and others	6152.35		3417.81	664.71	3417.81	134.00	0.00	1528.33	1528.33	447.16
Total	53202.66		18609.32	25071.98	26659.41		1601.16	6600.57	8188.58	307.16
Energy requirement				28364.00	26689.64					
Deficit/excess				-3292.02	-30.23					
Short term purchases to meet the deficit				3292.02	30.23	400	0.00	12.09	12.09	400.00

Grand Total				28364.00	26689.64			6612.66	8200.67	307.26
Transmission charges payable to KPTCL								746.75	746.75	
Short Term purchases as per OP 8/2009										
SLDC Charges Payable								5.24	5.24	
Sub-Total of above charges								751.99	751.99	
Grand Total				28364.00	26689.64			7364.65	8952.66	335.44