

Est. COST OF SUPPLY SHEET

ASEB ARR : 1457.892

DISCOM ARR : 1284.972

Cross Subsidy
252.19Trading
Income
172.92

Cat No	CATEGORY	BASIC DATA				As Per Study Total Amount/ category	Tariff Order 2007- 08 Total Amount/ category	Cross Subsidy (BA) Rs Cr	Trading Income Adj. Rs Cr	Cost after adj. Rs Cr	Cross Subsidy (AA) Rs Cr	Cost of Supply Full Rs Cr	After Rs Cr	Supply Av rate Rs/kWh	Cross Subsidy (AA) Rs/kWh	Cross Subsidy (AA) in T.O. 2006- 07 %	Cross Subsidy (AA) in T.O. 2006- 07 Rs/kWh
		C' load kw	kwh drawn IMU	LF													
1	Jeevan Dhara 0.5 kw & 1kwh/day	32125.96	74.82	60	37.74	17.24	20.50	14.05	23.69	6.44	5.04	3.17	2.30	0.86	27.20	1.08	
2	Domestic: A - above 0.5kw to 5 kw	1148206.945	735.2585	50	410.77	247.21	163.56	112.15	298.62	51.41	5.59	4.06	3.36	0.70	17.22	1.03	
	First 4kwh/day	135083.17	86.501	50	48.33	38.17	10.16	6.97	41.36	3.19	5.59	4.78	3.47	1.31	27.37	1.45	
	Balance	67541.585	43.2505	50	24.16	22.11	2.05	1.41	22.76	0.65	5.59	5.26	3.55	1.71	32.44	1.7	
		1350831.7	865.01	50	483.26	307.48	175.77	120.52	362.74	55.25	5.59	4.19	3.55	0.64	15.23	0.87	
3	Domestic-B above 5 kw to 20kw	110585.15	104.75	40	67.05	47.45	19.60	13.44	53.61	6.16	6.40	5.12	4.53	0.59	11.49	0.71	
4	Commercial Load above 0.5 to 20kw	227010	262.54	45	156.18	149.42	6.75	4.63	151.54	2.12	5.95	5.77	5.69	0.08	1.40	0.15	
5	General Load upto 20 kw	41329.5	99.9	40	45.10	46.16	0.00	0.00	45.10	-1.06	4.51	4.51	4.62	-0.11	-2.35	-1.53	
6	Public Lighting	3828.05	7.8	50	4.36	3.87	0.49	0.34	4.02	0.15	5.59	5.15	4.96	0.20	3.84	0.26	
7	Agriculture upto 7.5hp	6461.34	7.11	30	3.43	1.87	1.56	1.07	2.36	0.49	4.82	3.32	2.63	0.69	20.81	0.80	
8	Small Industries Rural upto 20kw	68998.62	37.04	40	16.72	11.19	5.53	3.79	12.93	1.74	4.51	3.49	3.02	0.47	13.46	0.66	
9	Small Industries Urban	58843	26.61	40	12.01	9.74	2.27	1.56	10.46	0.71	4.51	3.93	3.66	0.27	6.83	0.16	
	LT TOTAL	1900013.32	1485.58		825.85	594.43	232.48	159.40	666.44	72.02	5.56	4.49	4.00	0.48	10.81	0.61	
1	HT Domestic 20kw and above	38299.2	34.76	40	19.16	14.87	4.30	2.95	16.22	1.35	5.51	4.67	4.28	0.39	8.33	0.54	
2	HT commercial 20kw & above	128610.95	162.99	40	89.86	83.89	5.97	4.10	85.76	1.88	5.51	5.26	5.15	0.12	2.19	0.55	
4	Public Water works	26779.16	49.05	40	19.64	23.42	0.00	0.00	19.64	-3.78	4.00	4.00	4.77	-0.77	-19.24	-1.69	
5	Bulk supply 20kw and above																
	Govt. Edu Inst	15763.56	33.41	50	12.88	14.41		0.00	12.88	-1.53	3.86	3.86	4.31	-0.46	-11.86	-0.63	
	Others	140954.22	267.93	60	118.62	130.05		0.00	118.62	-11.43	4.43	4.43	4.85	-0.43	-9.63	-0.47	
6	HT Small Industries upto 50 kw	29668.7	54.85	40	21.96	16.53	5.43	3.72	18.24	1.71	4.00	3.33	3.01	0.31	9.36	0.32	
7	HT Industries-1 50kw to 150 kw	38261.76	40.73	40	16.31	18.24	0.00	0.00	16.31	-1.93	4.00	4.00	4.48	-0.47	-11.85	-0.42	
8	HT Industries-II above 150 kw	223132.9	330.61	40	139.91	151.54	0.00	0.00	139.91	-11.64	4.23	4.23	4.58	-0.35	-8.32	-0.4	
9	Tea Coffee & Rubber	311307.14	303.174	30	128.89	173.83	0.00	0.00	128.89	-44.95	4.25	4.25	5.73	-1.48	-34.87	-1.5	
10	Oil & Coal	34020.51	74.3	50	36.12	39.17	0.00	0.00	36.12	-3.05	4.86	4.86	5.27	-0.41	-8.43	-0.81	
11	HT Irrigation Load above 7.5 hp	69537.44	67.49	30	28.69	24.68	4.01	2.75	25.94	1.26	4.25	3.84	3.66	0.19	4.86	-0.12	
	HT Total	1056335.54	1419.294		632.04	690.63	252.19	13.52	618.53	-72.10	4.45	4.36	4.87	-0.51	-11.61	-0.66	
	All Total	2956348.86	2904.874		1457.89	1285.0549	252.19	172.92	1284.97	-0.08	5.02	4.42	4.42	0.00	-0.01	0	

BA: Before adjustment of trading income.

AA: After adjustment of trading income.

ARR MU

Analysis of Tariff & Revenue for FY 2007-081270.90 2904.87
Av Rate 4.38WITH EXISTING TARIFF

Cat No	Category LT GROUP	No of Con	C' load kw	kwh drawl MU	Tariff			Revenue			Overall rate Rs/kwh
					Fixed/Direct Charge (fc/dc) Rs/kw	% effect %	Energy Charge(ec) Rs/kwh	fc/dc Rs (lakh)	ec Rs (lakh)	Total Rs (lakh)	
1	Jeevan Dhara 0.5 kw & 1kwh/day	246808	32125.96	74.82	30.00	100.00	2.15	115.65	1608.63	1724.28	2.30
2	Domestic: A - above 0.5kw to 5 kw										
	First 4kwh/day	1008308	1148206.95	735.26	30.00	100.00	2.75	4133.55	20219.61	24353.15	3.31
	Next 4 kwh/day	57305	135083.17	86.50	30.00	100.00	3.80	486.30	3287.04	3773.34	3.42
	Balance	17749	67541.59	43.25	30.00	100.00	4.50	243.15	1946.27	2189.42	3.50
		1083362	1350831.70	865.01				4862.99	25452.92	30315.91	3.50
3	Domestic-B above 5 kw to 20kw	14895	110585.15	104.75	30.00	100.00	4.10	398.11	4294.75	4692.86	4.48
4	Commercial Load above 0.5 to 20kw	142583	227010.00	262.54	110.00	100.00	4.50	2996.53	11814.30	14810.83	5.64
5	General Load upto 20 kw	21747	41329.50	99.90	125.00	100.00	3.95	619.94	3946.05	4565.99	4.57
6	Public Lighting	566	3828.05	7.80	120.00	100.00	4.20	55.12	327.60	382.72	4.91
7	Pub W.W										
8	Agriculture upto 7.5hp	1185	6461.34	7.11	30.00	100.00	2.25	23.26	159.98	183.24	2.58
9	Small Industries Rural upto 20kw	6275	68998.62	37.04	30.00	100.00	2.30	248.40	851.92	1100.32	2.97
9	Small Industries Urban	3572	58843.00	26.61	40.00	100.00	2.55	282.45	678.56	961.00	3.61
	LT TOTAL	1520993	1900013.32	1485.58				9602.45	49134.70	58737.15	3.95
1	HT Domestic 20kw and above	640	38299.20	34.76	30.00	70.00	3.90	113.55	1355.64	1469.19	4.23
2	HT commercial 20kw & above	1192	128610.95	162.99	115.00	70.00	4.20	1461.63	6845.58	8307.21	5.10
3	Public Water works	1613	26779.16	49.05	125.00	70.00	4.05	330.80	1986.53	2317.33	4.72
4	Bulk supply 20kw and above										
	Govt. Edu Inst	109	15763.56	33.41	110.00	70.00	3.75	171.36	1252.88	1424.23	4.26
	Others	774	140954.22	267.93	145.00	70.00	4.05	2019.79	10851.17	12870.96	4.80
5	HT Small Industries upto 50 kw	608	29668.70	54.85	40.00	70.00	2.75	117.28	1508.38	1625.65	2.96
6	HT Industries-1 50kw to 150 kw	637	38261.76	40.73	100.00	70.00	3.50	378.12	1425.55	1803.67	4.43
7	HT Industries-II above 150 kw	379	223132.90	330.61	140.00	70.00	3.60	3087.11	11901.96	14989.07	4.53
8	Tea Coff & Rub	950	311307.14	303.17	230.00	65.00	3.95	5256.33	11975.37	17231.70	5.68
9	Oil & Coal	107	34020.51	74.30	270.00	70.00	4.00	907.75	2972.00	3879.75	5.22
10	HT Irrigation Load above 7.5 hp	3695	69537.44	67.49	40.00	70.00	3.20	274.88	2159.68	2434.56	3.61
	HT Total	10704	1056335.54	1419.29				14118.58	54234.72	68353.30	4.82
	All Total	1531697	2956348.86	2904.87				23721.04	103369.42	127090.46	4.38

ARR **MU**
128505.4854 **2904.87**
Av Rate **4.42**

Analysis of Tariff & Revenue for FY 2007-08
With Revised Tariff

Cat No.	Category	No of Consumer	C' load kw	kwh drawn	Tariff			Revenue			Overall rate
					Fixed/Direct Charge (fc/dc) Rs/kw	% effect %	Energy Charge(ec) Rs/kwh	fc/dc Rs (lakh)	ec Rs (lakh)	total Rs (lakh)	
1	Jeevan Dhara 0.5 kw & 1kwh/day	246808	32125.96	74.82	30	100	2.15	115.65	1,608.63	1,724.28	2.30
2	Domestic: A - above 0.5kw to 5 kw										
	First 4kwh/day	1008308	1148206.945	735.2585	30	100	2.8	4,133.55	20,587.24	24,720.78	3.36
	Next 4 kwh/day	57305	135083.17	86.501	30	100	3.85	486.30	3,330.29	3,816.59	3.47
	Balance	17749	67541.585	43.2505	30	100	4.55	243.15	1,967.90	2,211.05	3.55
		1083362	1350831.7	865.01				4,862.99	25,885.42	30,748.42	3.55
3	Domestic-B above 5 kw to 20kw	14895	110585.15	104.75	30	100	4.15	398.11	4,347.13	4,745.23	4.53
4	Commercial Load above 0.5 to 20kw	142583	227010	262.54	110	100	4.55	2,996.53	11,945.57	14,942.10	5.69
5	General Load upto 20 kw	21747	41329.5	99.9	125	100	4	619.94	3,996.00	4,615.94	4.62
6	Public Lighting	566	3828.05	7.8	120	100	4.25	55.12	331.50	386.62	4.96
7	Agriculture upto 7.5hp	1185	6461.34	7.11	30	100	2.3	23.26	163.53	186.79	2.63
8	Small Industries Rural upto 20kw	6275	68998.62	37.04	30	100	2.35	248.40	870.44	1,118.84	3.02
9	Small Industries Urban	3572	58843	26.61	40	100	2.6	282.45	691.86	974.31	3.66
	LT TOTAL	1520993	1900013.32	1485.58				9,602.45	49,840.08	59,442.53	4.00
1	HT Domestic 20kw and above	640	38299.2	34.76	30	70	3.95	113.55	1,373.02	1,486.57	4.28
2	HT commercial 20kw & above	1192	128610.95	162.99	115	70	4.25	1,461.63	6,927.08	8,388.70	5.15
4	Public Water works	1613	26779.16	49.05	125	70	4.1	330.80	2,011.05	2,341.85	4.77
5	Bulk supply 20kw and above										
	Govt. Edu Inst	109	15763.56	33.41	110	70	3.8	171.36	1,269.58	1,440.94	4.31
	Others	774	140954.22	267.93	145	70	4.1	2,019.79	10,985.13	13,004.92	4.85
6	HT Small Industries upto 50 kw	608	29668.7	54.85	40	70	2.8	117.28	1,535.80	1,653.08	3.01
7	HT Industries-1 50kw to 150 kw	637	38261.76	40.73	100	70	3.55	378.12	1,445.92	1,824.03	4.48
8	HT Industries-II above 150 kw	379	223132.9	330.61	140	70	3.65	3,087.11	12,067.27	15,154.37	4.58
9	Tea Coff & Rub	950	311307.14	303.174	230	65	4	5,256.33	12,126.96	17,383.29	5.73
10	Oil & Coal	107	34020.51	74.3	270	70	4.05	907.75	3,009.15	3,916.90	5.27
11	HT Irrigation Load above 7.5 hp	3695	69537.44	67.49	40	70	3.25	274.88	2,193.43	2,468.30	3.66
	HT Total	10704	1056335.54	1419.294				14,118.58	54,944.37	69,062.95	4.87
	All Total	1531697	2956348.86	2904.874				23,721.04	104,784.45	128,505.49	4.42

Allocation of Distribution Costs	DISTRIBUTION COSTS									
	LAEDCL		CAEDCL		UAEDCL		ALL DISCOMS			
	Demand	Consumer	Demand	Consumer	Demand	Consumer	Demand	Consumer	Consumer	
O&M Cost										
Employee Cost										
Employee Cost of Rev Sub Division & IRCA		52.42		40.76		41.66	35.73			128.91
Employee Cost of other establishment	61.12		47.54							
Repair and Maintenance	3.47	2.97	3.87	3.31	2.48	2.13	2.13	9.81		8.42
Administrative & General Expenses	2.56	2.20	1.87	1.60	1.98	1.69	1.69	6.41		5.49
Interest & finance charge										
Interest on term loan	0		1.59		0			1.59		
Interest on working capital		10.36		6.77			7.04			24.17
Bank charge		0		0			0			
Interest on security deposit		3.36		1.55			2.63			7.54
Depreciation										
Depreciation of DTRs & LT Lines		2.64		4.71			3.18			10.53
Depreciation of other assets	3.10		5.49		3.70			12.29		
Provision of doubtful debt		5.6		3.44			3.81			12.85
Total Expenditure	70.25	79.55	60.35	62.15	49.82	56.21	21.52	180.42	197.91	61.38
Less Miscellaneous receipt	70.25	52.93	60.35	48.91	49.82	34.69	21.52	180.42	136.53	
Net Expenditure		4.11	3.36		2.73			10.20		
Return on Equity		74.36	52.93	63.71	48.91	52.55	34.69	190.62	136.53	
Total Expenditure	1614	1614	1060	1060	1201.63	1201.63	1201.63	3875.7	3875.7	
Energy Wheelled	0.46	0.33	0.60	0.46	0.44	0.29	0.29	0.49	0.35	
Wheeling Charge Rs/ KWH	0.79		1.06		0.73			0.84		
Total Wheeling Charge Rs/KWH										
Demand & Consumer's Cost are separated as per % of assets as below										
Summary of FA 2007-08										
Assets	11 KV		LT		Retail		Total			
33 KV	2,180,800,000	2,875,600,000	2,424,200,000	780,400,000	8,261,000,000					
LAEDCL	26.40	34.81	29.35	9.45	100.00					
% of Total	142,700,000	2,419,000,000	3,196,900,000	654,700,000	6,413,300,000					
CAEDCL	2.23	37.72	49.85	10.21	100.00					
% of Total	1,984,300,000	1,955,200,000	2,119,200,000	735,500,000	6,794,200,000					
UAEDCL	29.21	28.78	31.19	10.83	100.00					
% of Total	4,307,800,029	7,249,800,073	7,740,300,079	2,170,600,020	21,468,500,200					
Total	20.07	33.77	36.05	10.11	100.00					
% of Total		Demand	Consumer							
Overall		53.84	46.16							

Total Cost ARR (Cr)	1457.89	SALE (MU)	2905 Income	Trd. Income	172.92		172.92		172.92		172.92		172.92		172.92		172.92		
					Generation & Transmission	Trd. Income	Trd. Income	Trd. Income	Trd. Income	Trd. Income	Trd. Income	Trd. Income	Trd. Income	Trd. Income	Trd. Income	Trd. Income	Trd. Income	Trd. Income	Trd. Income
		A		B		C		LAEDCL		CAEDCL		UAEDCL		Total		Total		Total	
		Fixed Cost		Fuel Cost (Energy)		Transm. Cost		Demand		Consumer Demand		Consumer Demand		Consumer Demand		Consumer Demand		Consumer Demand	
1	CSGS	406.113	199.387					74.36	52.93	63.71	48.91	52.55	34.69	190.62	136.53	327.15			
2	APGCL	129	106.382																
3	PGCIL			98.13															
4	NERLDC+SLDC			6.75															
5	AEGCL			72.52															
6	ASEB employee Cost	0.53																	
7	ASEB A&G Cost	1.07																	
8	ASEB Int + IWC	0.04																	
9	Past period Fuel& PP	25		47.07															
10	Sp. BST charge			38.75															
11	Total	561.753	305.769	263.22															
12	Less Trading Income	0	0																
13	Less GOA support (FRP)	0																	
14	Less Rebate Earned																		
15	Net Total	561.753	305.769	263.22										190.625	136.53				
16														190.62	136.53				
17	TOTAL ARR	561.75	305.77	263.22				0.00	0.00	0.00	0.00	0.00	0.00	190.62	136.53				
	less trading Income	172.92																	
	Gross	388.83	305.77	263.22				0.00	0.00	0.00	0.00	0.00	0.00	190.62	136.53				
	Gen Demand	561.75	1.93383																
	Energy (Fuel)	305.77	1.05261																
	Transmission Cost	263.22	0.90613																
	Distribution Demand	190.62	0.65622																
	Distribution Consumer	136.53	0.46999																
	Less Trading income	172.92	-0.5953																
	Total	1284.97	4.4235																

