

CHAPTER - 2

REVIEW OF TARIFF ORDER FOR FY 2006-07

The Tariff Order 2006-07 was notified by the Commission on 28th July, 2006 and came into effect from 4th August 2006. This Order attempted to incorporate the required complementary changes for introduction of Availability Based Tariff (ABT) at the State level between Discoms and Generators. The Order also made a crucial and cautious attempt to step towards Cost of Supply approach as a tool in the tariff exercise. Another important feature of this order was the directive for formation of Load Research Cells within the Discoms for gathering data to facilitate proper decision making. Before issuing the next Tariff Order, it is important that the Commission does a prudence check of the technical as well as financial performance of the licensees vis-à-vis the last Tariff Order notified by the Commission. Also, it is pertinent and desirable that the Commission does a *truing up* operation of its own estimations and directives to ensure better and effective implementation of its next Tariff Order.

The review exercise examines the **unaudited (as submitted in Petitions)** technical and financial performance of the ASEB and its successor entities with the approved statistics in Tariff Order 2006-07 separately for each entity. The exercise also humbly attempts to gauge the effectiveness of the last Tariff Order by evaluating the extent of implementation of the directives in the Tariff Order. These aspects are discussed in the following pages:

2.1 Assam Power Generation Corporation Limited (APGCL)

A comparison of the figures approved by the Commission for FY 2006-07 and the estimated actual is given below. The actual figures for FY 2005-06 and FY 2004-05 are also given to provide some indication of the historical trends.

TABLE-1

Generating Station	Particulars	F.Y. 2004-05	F.Y. 2005-06	F.Y. 2006-07	As per Tariff Order 2006-07	(Deficit)/ Surplus
		Actual	Actual	As submitted	Approved	
				(a)	(b)	
NTPS	Gross generation in MU	442.57	458	381.61	586.92	(205.31)
	Auxiliary Consumption (%)	3.10%	3.52%	3.69%	4.50%	(21.95%)
	Auxiliary Consumption (MU)	13.72	16.13	14.08	26.41	(12.33)
	Net Generation (MU)	428.85	441.87	367.53	560.51	(192.98)
	Station Heat Rate (K.Cal/kWh)	3044	3293	3542	3480	62.00
	PLF (%)	37.80%	39.71%	32.91%	50%	(34.18%)
LTPS	Gross generation in MU	313.86	350.04	470.49	525.6	(55.11)
	Auxiliary Consumption (%)	6.90%	6.70%	5.80%	5.50%	0.00
	Auxiliary Consumption (MU)	21.66	23.44	27.27	28.91	(1.64)
	Net Generation (MU)	292.2	326.6	443.22	496.69	(53.47)
	Station Heat Rate (KCal/kWh)	3715	3782	3600	3760	(160.00)
	PLF	29.90%	33.76%	44.76%	50%	(0.05)

2.1.1 From the table it is observed that gross generation for FY 2005-06 have increased marginally from FY 2004-05. However, both the stations recorded a shortfall in generation from the figures approved by the Commission in 2006-07. In the Tariff Order 2006-07, the Commission approved gross generation of energy from APGCL at 50% of available capacities of the stations as stipulated in the regulation and net availability after the allowable auxiliary consumption. Although, gross generation from LTPS have risen by 120 MU from FY 2005-06, NTPS generation have

recorded a low of 382 MU in FY 2006-07 from 458 MU in 2005-06. Lower generation by NTPS is reportedly due to the dilapidated conditions of its machines and LTPS may be attributed to inadequate gas availability.

2.1.2 NTPS and LTPS operated at PLFs of 32.91% and 44.76% respectively against an approved PLF of 50% for both the generating stations. PLF of LTPS has improved over last year by over 10% whereas it has dropped by 7% for NTPS. The poor performance by both the stations is a matter of concern for the Commission.

2.1.3 The Commission calculated Station Heat Rate (SHR) for the NTPS and LTPS for FY 2006-07 as per the AERC (Terms and Conditions of Tariff) Regulations. The Commission fixed auxiliary consumption of 4.5% and 5.5% for NTPS and LTPS respectively in Tariff Order 2006-07. Auxiliary power consumption by NTPS and LTPS was 3.69% and 5.8% respectively for 2006-07.

TABLE – 2

Generation	Fuel Cost of Generation (Rs per kWh)	Gross generation in MU	Fuel Cost (Rs Cr)
FY 2006-07 Approved	1.04	1112.52	115.65
FY 2006-07 Actual	1.24	852.10	105.89

Table 2 and Chart I indicates that

2.1.4 The cost of generation per unit has risen considerably (19.23%) to an average of Re 1.24 per unit from the approved Re 1.04 per unit.

Chart: I

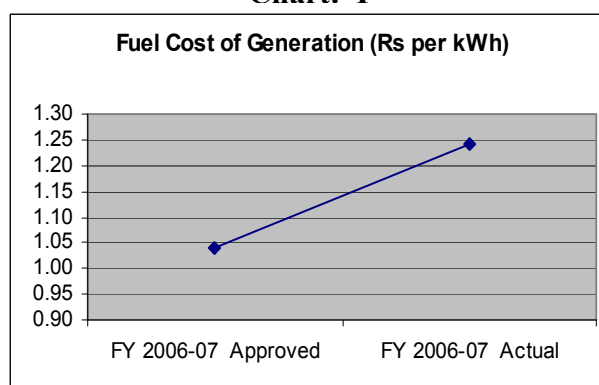
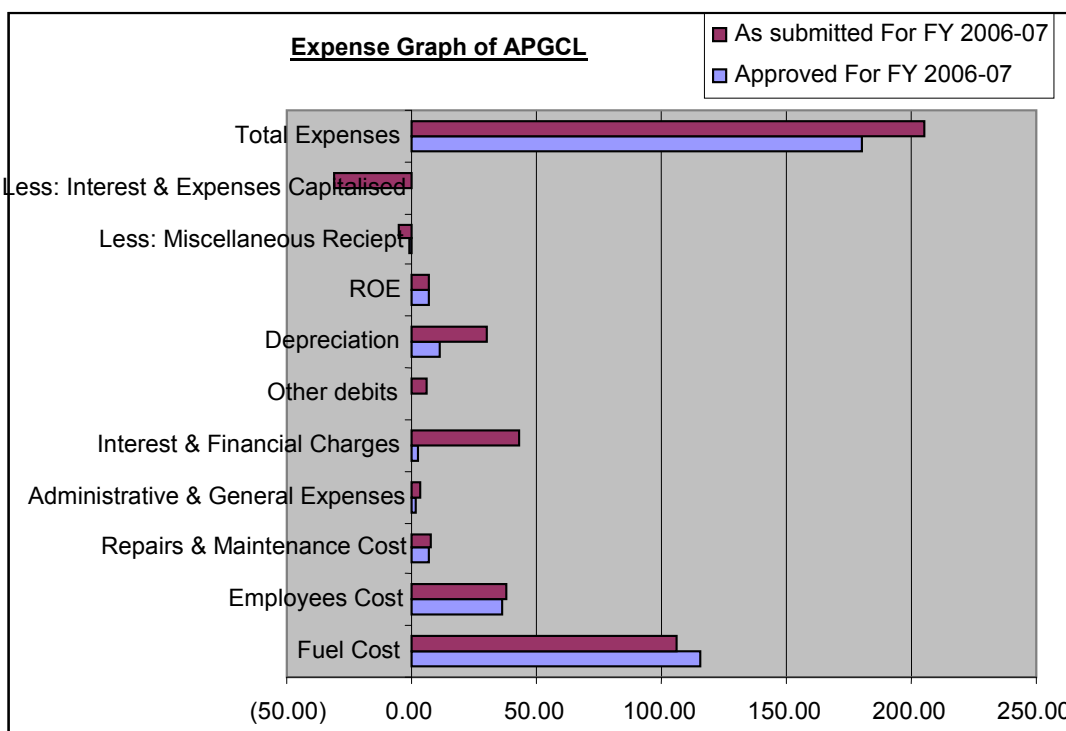


TABLE – 3: REVIEW OF APGCL’s FINANCIAL PERFORMANCE (Rs in Cr)

Sl.	ITEMS	Approved For FY 2006-07 (A)	As Submitted For FY 2006-07 (B)	Difference (B-A)
1	Net Annual Revenue Requirement/Income	180.18	205.45	25.27
Expenses				
2	Fuel Cost	115.65	105.89	(9.76)
3	Employees Cost	36.08	37.92	1.84
4	Repairs & Maintenance Cost	6.89	7.58	0.69
4	Administrative & General Expenses	1.90	3.42	1.52
5	Interest & Financial Charges			
	(a) On Term Loan	0.72	43.08	42.36
	(b) On Working Capital	2.18		(2.18)
6	Other debits	0.00	6.12	6.12
7	Depreciation	11.18	30.47	19.29
8	Total (2 to 7)	174.60	234.48	59.88
9	Less: Miscellaneous Receipt	(1.11)	(5.19)	(4.08)
10	Provision for Taxes	0.00	0.00	0.00
11	ROE	6.69	6.69	0.00
12	Net Expenses	180.18	235.98	55.80
13	Less: Interest & Expenses Capitalised	0.00	(31.16)	(31.16)
14	Total Expenses	180.18	204.82	24.64
Surplus/Shortfall		0.00	0.63	0.63

Chart II



From Table 3 and chart above, it is observed that

- 2.1.5 Except fuel cost, all other expenses of APGCL have recorded an increase from the approved figures of 2006-07.
- 2.1.6 The interest and financial charges as well as the capitalized expenses have recorded major increase of approximately Rs.40Cr and Rs.31Cr respectively from the figures approved for FY 2006-07 which is due to inclusion of expenses of Karbi Langpi for FY 2006-07.
- 2.1.7 Total expenses stands at Rs 204.82 Cr. Income of APGCL have also risen by Rs. 25 Cr from approved Rs 180.18 Cr resulting in a surplus of Rs 0.63 Cr and it is due to sale of infirm power.

2.2 Assam Electricity Grid Corporation Limited (AEGCL)

Table - 4: Power Trading and Transmission Loss

Items	Approved by the Commission 2006-07(MU)	As submitted 2006-07	Variance %
Power Purchase from CSGS	2865.25	2522.90	(13.57)
Less: PGCIL Loss	114.61	153.07	25.12
Net Available	2750.64	2369.83	(16.07)
DLF	141.02	103.65	(36.05)
MeSEB	7.80	9.03	13.62
APGCL	1057.20	826.18	(27.96)
Trader	27.08	91.83	70.51
NTPC	0.00	523.15	100.00
Total Availability	3983.74	3923.67	(1.53)
Less: Export	424.38	238.97	(77.59)
Net Available in ASEB Grid	3559.36	3684.70	3.40
Transmission Loss of AEGCL	231.36	139.48	(65.87)
Bulk Sale to Discom	3328.00	3545.22	6.13

TABLE - 5

AEGCL 2006-07	Total Energy Received from Sources	Energy Sold to Discoms	Transmission Loss (MU)	Trans. Loss (%)
Approved	3559.36	3328.00	231.36	6.50%
Un-audited Actual (As Submitted)	3684.70	3545.22	139.48	3.79%
(Deficit)/Surplus (a-b)	125.34	217.22	-91.88	-2.71%

Chart: III

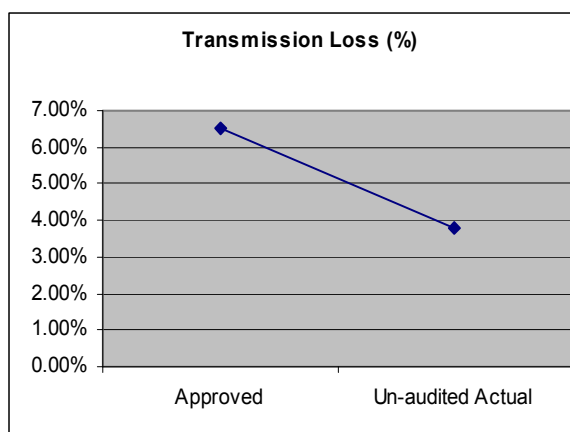
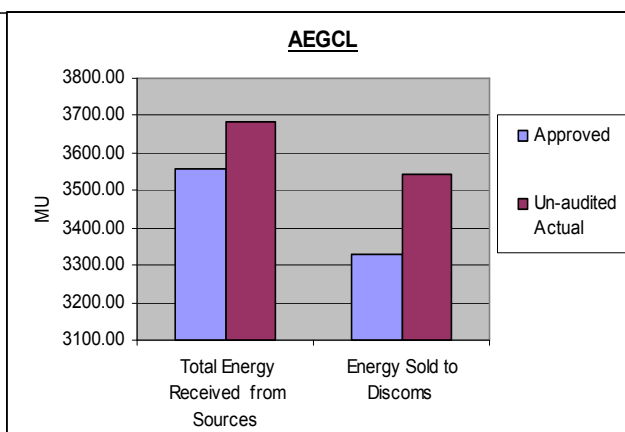


Chart: IV



It is seen from the Tables 4 & 5 and the graphical representations that

2.2.1 Transmission loss has declined sharply from the approved figure of 6.50% to 3.79 % in 2006-07 and is subject to further information from the utilities. All figures considered for the review exercise are as per those submitted in the Tariff petitions and may change when actual / audited figures will be made available.

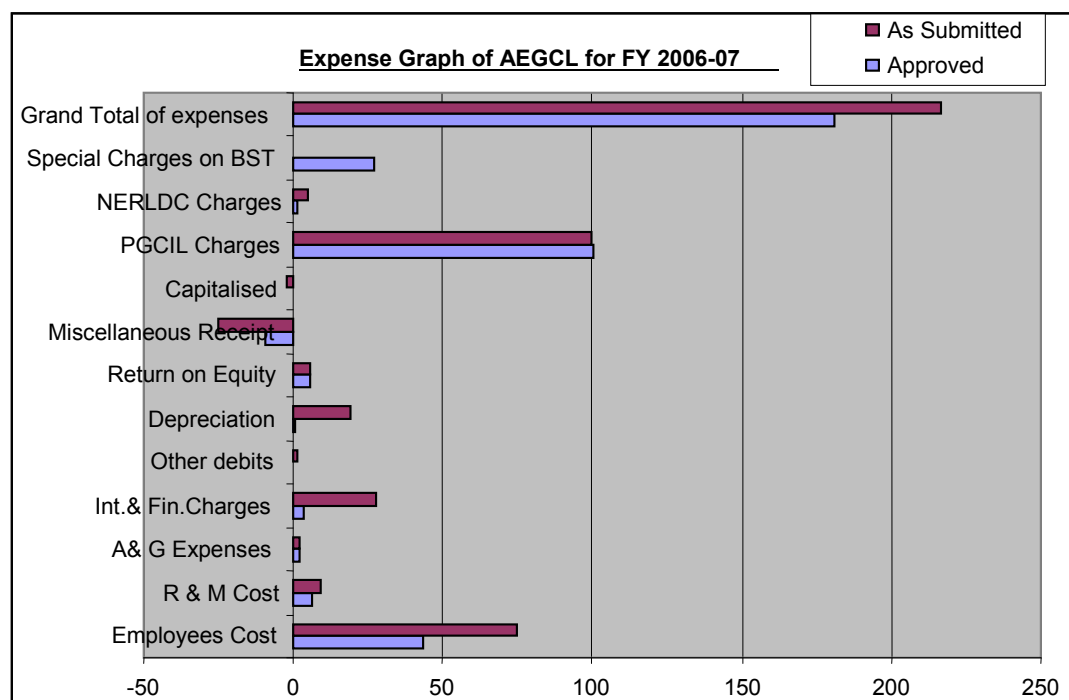
2.2.2 Also energy received and transmitted to the Discoms has increased from an estimated 3559.36 MU and 3328 MU to 3684.70 MU and 3545.22 MU respectively during the FY 2006-07.

TABLE – 6: REVIEW OF AEGCL FINANCIAL PERFORMANCE (Rs in Cr)

Sl. No	ITEMS	Approved For FY 2006-07 (A)	As submitted For FY 2006-07 (B)	Difference (B-A)
1	Net Annual Revenue Requirement/Income	181.18	193.02	11.84
Expenses				
3	Employees Cost	43.18	*74.38	31.20
4	Repairs & Maintenance Cost	6.25	9.40	3.15
4	Administrative & General Expenses	1.90	1.86	(0.04)
5	Interest & Financial Charges			
	(a) On Term Loan	0.00	0.00	0.00
	(b) On Working Capital	3.51	27.83	24.32
6	Depreciation	0.92	19.00	18.08
7	Total Expenses	55.76	132.47	76.71
8	Less: Miscellaneous Receipt	(9.39)	(25.26)	(15.87)
9	Provision for Taxes	0.00	0.00	0.00
10	Return on Equity	5.64	5.64	
11	Net Expenses	52.01	112.85	60.84
12	Less: Capitalized	0.00	(2.51)	(2.51)
13	Other debits	0.00	1.41	1.41
13	Total Expenses	52.01	111.75	59.74
14	PGCIL Charges	100.28	99.52	(0.76)
15	NERLDC Charges	1.60	5.19	3.59
16	Special Charges on BST	27.29	0.00	(27.29)
Grand Total of expenses		181.18	216.46	35.28
Surplus/Shortfall		0.00	(23.44)	(23.44)

****Figures includes SLDC charges**

*** Includes special charges on BST**

Chart V

The table 6 and chart V shows that:

- 2.2.3 All expenses have marked an increase over the approved figures for FY 2006-07. Both the approved and submitted figures include the SLDC charges.
- 2.2.4 The employees cost have shown a very high increase in the table due to inclusion of the special charge on BST shown separately in the Tariff Order.
- 2.2.5 Although revenue from transmission has marked an increase of almost Rs 12 Cr from approved figure of Rs 181.18 Cr, total expenses have also shown an increase of Rs 35.28 Cr in FY 2006-07 leaving a shortfall of Rs 23.44 Cr.

2.3 Distribution Companies

The Commission approved a uniform retail tariff for the entire state of Assam. The estimated annual revenue collection from this tariff was Rs 1069.59 Cr for FY 2006-07 against an estimated sale of 2417.75 MU of energy among different categories of

consumers by the three Distribution Companies. The approved and submitted sale and revenue for 2006-07 are shown in table below:

TABLE – 7

Discoms	Estimated bulk energy (MU)	Estimated sale (MU)	Bulk Energy Received as per petition (MU)	Sale as per petition (MU) 2006-07	Approved ARR 2006-07 (Rs Cr)	Revenue Demand as per petition (Rs Cr)	Approved Distribution Loss for 2006-07 (%)	Distribution Loss for 2006-07 as per petition (%)
LAEDCL	1303.94	992.65	1476.51	1135.44	424.13	474.30	23.87%	23.10%
CAEDCL	946.68	657.80	969.71	688.02	280.39	287.13	30.52%	29.05%
UAEDCL	1077.39	767.30	1099.00	751.89	365.07	332.81	28.78%	31.58%
Total	3328.01	2417.75	3545.22	2575.35	1069.59	1094.24	27.35%	27.36%

Chart: VI

Chart: VII

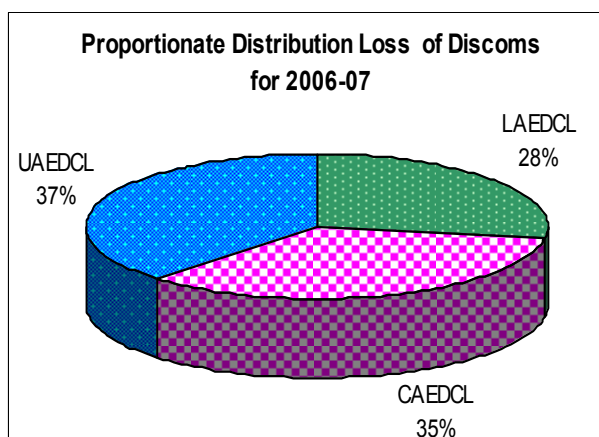
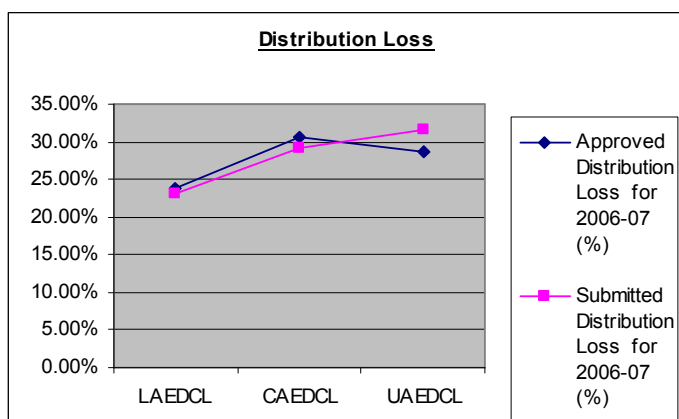
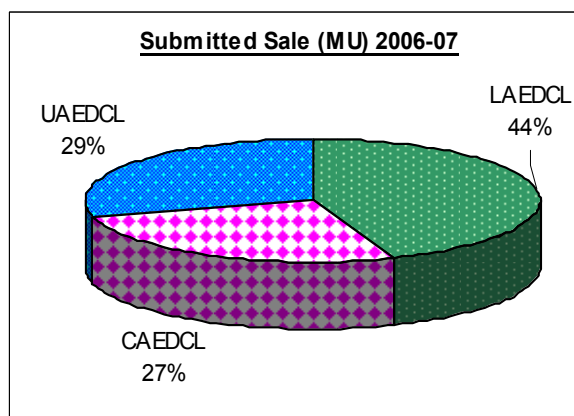
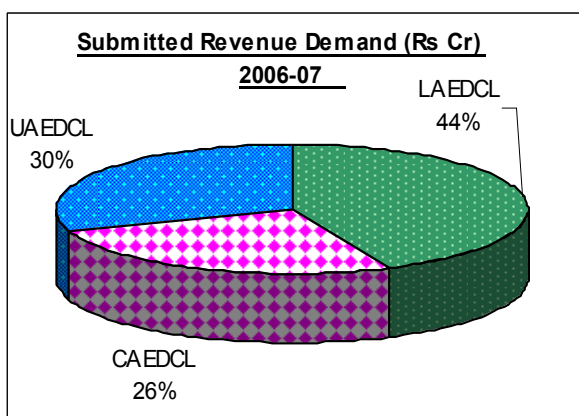


Chart: VIII

Chart: IX



From the Table 7 and Charts above it appears that

- 2.3.1 As per submission, both the Lower Assam Electricity Distribution Company Limited (LAEDCL) and Central Assam Electricity Distribution Company Limited (CAEDCL) were able to reduce their distribution loss below the target approved by the Commission to 23% and 29% respectively.
- 2.3.2 LAEDCL has contributed to 28% of the overall loss while it has made about 44% of the overall revenue. Although CAEDCL has registered a lower loss than approved, it still contributes to 35% of the overall loss and only 26% of the revenue demand.
- 2.3.3 The Upper Assam Electricity Distribution Company Limited (UAEDCL) has in fact contributed to 37% of the overall loss when it has contributed to just 30% of the total revenue. Its individual distribution loss stands at 31.58% against an approved loss of 28.78%. UAEDCL also failed to reach the sale as well as revenue targets approved by the Commission in 2006-07.
- 2.3.4 The Central Assam Electricity Distribution Company Limited (CAEDCL) surpassed the approved sale target by 30.22 MU and the target revenue set by the Commission by almost Rs 7 cr.

Chart – X

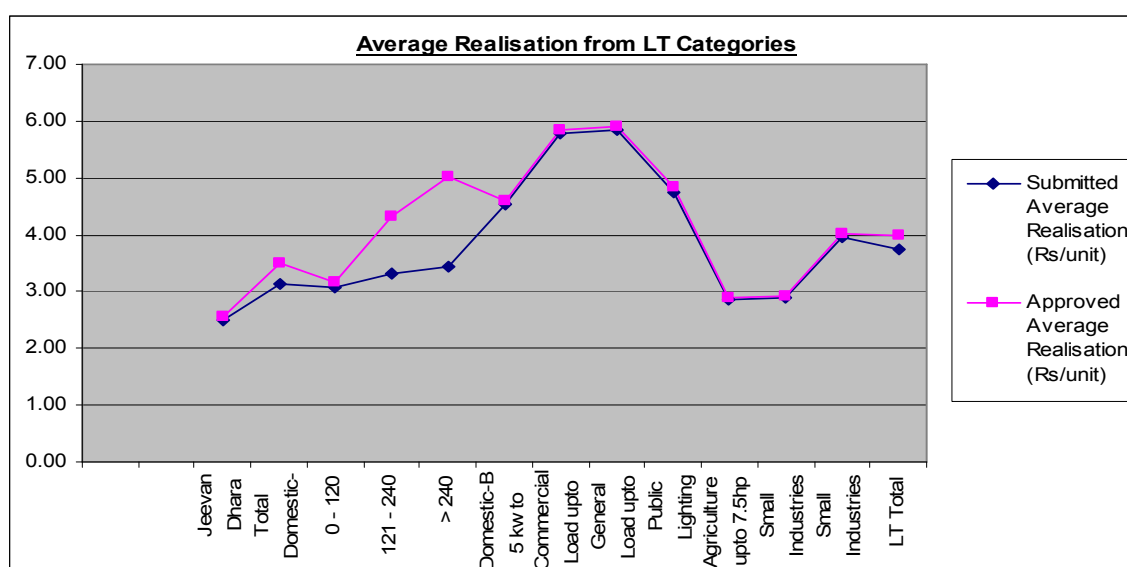
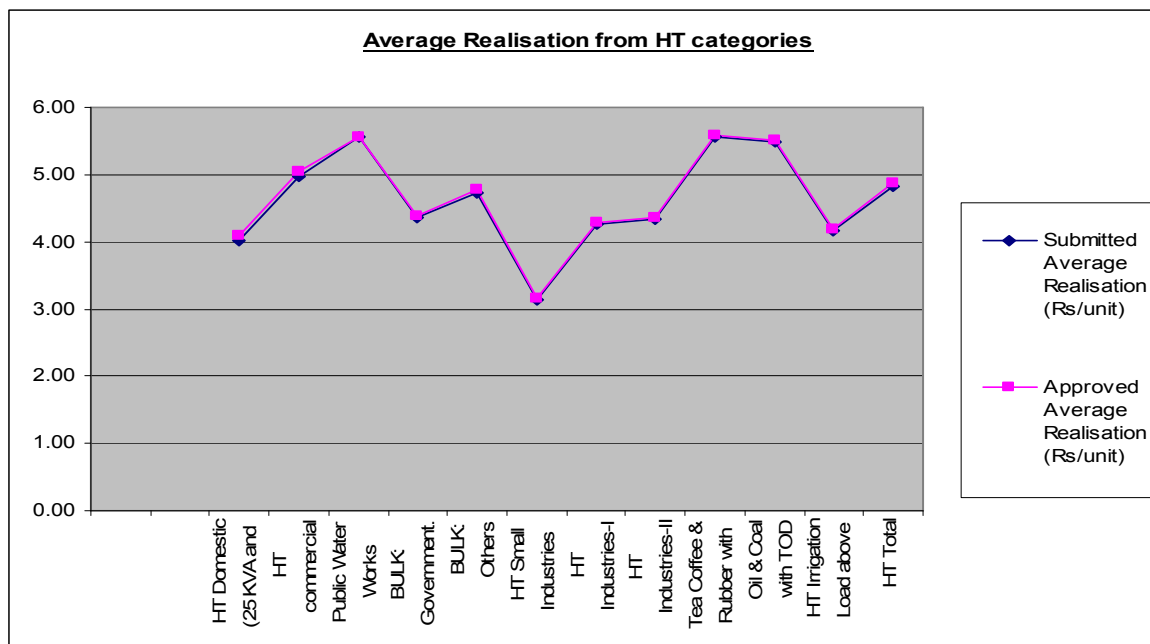


Chart – XI



From the charts above, it is obvious that

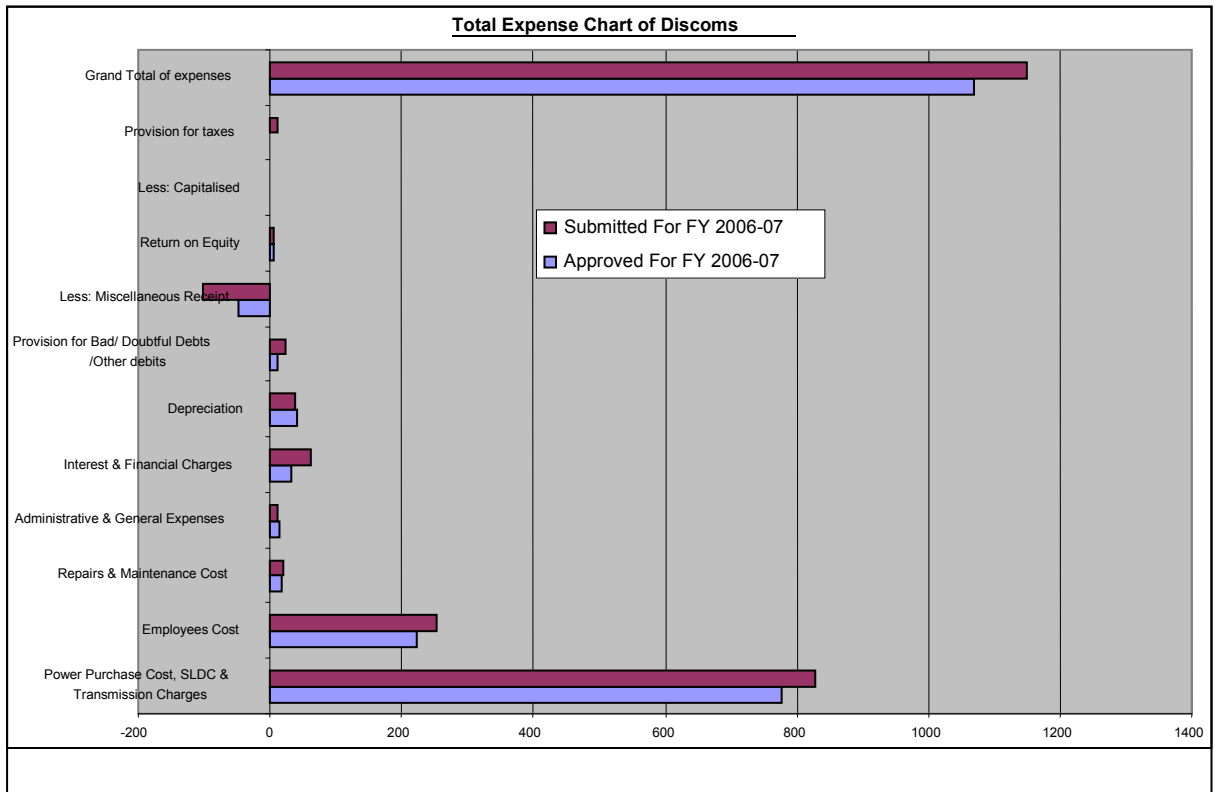
2.3.5 The approved and submitted figures for realization per unit vary widely for Domestic- A LT category and the total realization per unit is less than the approved figure.

2.3.6 For HT categories, realization per unit varies slightly from the approved figures the total realization per unit is more than the approved figure.

TABLE 8: REVIEW OF DISCOMS FINANCIAL PERFORMANCE

DISCOMS: FINANCIAL PERFORMANCE													
Rs in Cr													
Sl. No	ITEMS	LAEDCL			CAEDCL			UAEDCL			TOTAL		
		Approved For FY 2006-07 (A)	Submitted For FY 2006-07 (B)	Difference (B-A)	Approved For FY 2006-07 (A)	Submitted For FY 2006-07 (B)	Difference (B-A)	Approved For FY 2006-07 (A)	Submitted For FY 2006-07 (B)	Difference (B-A)	Approved For FY 2006-07 (A)	Submitted For FY 2006-07 (B)	Difference (B-A)
1	Net Annual Revenue Requirement/Income	424.13	474.32	50.19	280.40	287.13	6.73	365.07	332.79	(32.28)	1069.60	1094.24	24.64
Expenses													
2	Power Purchase Cost	242.11	0.00	(242.11)	129.61	0.00	(129.61)	223.18	0.00	(223.18)	594.90	0.00	(594.90)
3	Transmission Charge	69.97	0.00	(69.97)	50.80	0.00	(50.80)	57.81	0.00	(57.81)	178.58	0.00	(178.58)
4	SLDC Charge	1.00	0.00	(1.00)	0.71	0.00	(0.71)	0.89	0.00	(0.89)	2.60	0.00	(2.60)
	Total of 2, 3 & 4	313.08	355.01	41.93	181.12	185.64	4.52	281.88	287.39	5.51	776.08	828.04	51.96
5	Employees Cost	82.85	103.22	20.37	75.86	80.28	4.42	64.34	70.35	6.01	223.05	253.85	30.80
6	Repairs & Maintenance Cost	6.08	6.33	0.25	6.76	6.14	(0.62)	4.35	7.42	3.07	17.19	19.89	2.70
7	Administrative & General Expenses	7.64	6.07	(1.57)	3.27	3.44	0.17	3.46	3.28	(0.18)	14.37	12.79	(1.58)
8	Interest & Financial Charges	12.77	21.86	9.09	7.57	20.35	12.78	11.15	19.68	8.53	31.49	61.89	30.40
	(a) On Term Loan	1.77	0.00	(1.77)	0.00	0.00	0.00	1.57	0.00	(1.57)	3.34	0.00	(3.34)
	(b) On Working Capital	7.35	0.00	(7.35)	5.05	0.00	(5.05)	6.23	0.00	(6.23)	18.63	0.00	(18.63)
	(c) Bank Charges	1.60	0.00	(1.60)	1.60	0.00	(1.60)	1.60	0.00	(1.60)	4.80	0.00	(4.80)
	(d) Interest on Security Deposit	2.05	0.00	(2.05)	0.92	0.00	(0.92)	1.75	0.00	(1.75)	4.72	0.00	(4.72)
9	Depreciation	15.83	14.51	(1.32)	12.36	14.16	1.80	12.58	10.11	(2.47)	40.77	38.78	(1.99)
10	Provision for Bad/ Doubtful Debts /Other debits	4.24	7.63	3.39	2.80	5.59	2.79	3.65	9.85	6.20	10.69	23.07	12.38
11	Total Expenses	442.49	514.63	72.14	289.74	315.60	25.86	381.41	408.08	26.67	1113.64	1238.31	124.67
12	Less: Miscellaneous Receipt	(20.23)	(41.00)	(20.77)	(10.94)	(28.98)	(18.04)	(18.19)	(32.24)	(14.05)	(49.36)	(102.22)	(52.86)
13	Less: Capitalised	0.00	0.00	0.00	0.00	(0.20)	(0.20)	0.00	(1.65)	(1.65)	0.00	(1.85)	(1.85)
14	Provision for taxes	0.00	0.00	0.00	0.00	10.33	10.33	0.00	0.00	0.00	0.00	10.33	10.33
15	Return on Equity	1.87	1.87	0.00	1.60	1.60	0.00	1.85	1.85	0.00	5.32	5.32	0.00
	Grand Total of expenses	424.13	475.50	51.37	280.40	298.35	17.95	365.07	376.04	10.97	1069.60	1149.89	80.29
	Surplus/Shortfall	0.00	(1.18)	(1.18)	0.00	(11.22)	(11.22)	0.00	(43.25)	(43.25)	0.00	(55.65)	(55.65)

Chart XII



From Table 8 & Chart XII, it is observed that:

- 2.3.7 All expenses of Discoms have increased over the approved figures of 2006-07 except for Depreciation and Administrative and General expenses.
- 2.3.8 Depreciation and A & G expenses of CAEDCL have increased from the approved figure for FY 2006-07 but for both the other Discoms, both these expenses are less than the approved figures.
- 2.3.9 Power purchase cost has risen considerably from the approved figure in FY 2006-07 due to the drought like situation in Assam last year.
- 2.3.10 Employees cost have also shown an increase by over Rs 30 Cr from the approved figures with all the Discoms registering increases.
- 2.3.11 The total expenditure of Discoms has risen by Rs 80.29 Cr from the approved figures of Rs 1069.60 Cr to submitted expenses of Rs 1145.89 Cr.
- 2.3.12 The income has gone up by Rs 24.64 Cr from Rs 1069.60 Cr to Rs 1094.24 as per submission.

2.4 ASEB Trader

TABLE 9: Power Purchase Cost for FY 2006-07

The table below compares the approved energy purchases for FY 2006-07 with the estimated actual volumes and costs.

Name of the Generators	Forecast	Submitted	Approved	Submitted	Approved	Submitted	Volume Variance
	MU	MU	Cost (FC+Variable)	Cost (FC+Variable)	Cost/Unit	Cost/Unit	
			Rs. Crores	Rs. Crores	Rs/kWh	Rs. Crores	%
Kopili HEP	500.06	395.78	33.87	26.69	0.68	0.67	(20.85)
Kopili HEP II	38.66	44.74	8.56	5.32	2.21	1.19	15.73
Khandong HEP	150.93	86.62	10.66	11.15	0.71	1.29	(42.61)
Khandong Total	689.65	527.14	53.09	43.16	0.77	0.82	(23.56)
Ranganadi HEP	627.42	431.62	96.61	93.58	1.54	2.17	(31.21)

Name of the Generators	Forecast	Submitted	Approved	Submitted	Approved	Submitted	Volume Variance
	MU	MU	Cost (FC+Variable)	Cost (FC+Variable)	Cost/Unit	Cost/Unit	
			Rs. Crores	Rs. Crores	Rs/kWh	Rs. Crores	%
Doyang HEP	95.41	80.42	22.09	33.19	2.32	4.13	(15.71)
Loktak HEP (NHPC)	125.05	147.59	12.85	18.44	1.03	1.25	18.02
Total Hydel	1,537.53	1,186.77	184.64	188.37	1.20	1.59	(22.81)
AGBPP	1,181.38	1,035.26	198.5	218.21	1.68	2.11	(12.37)
AGTPP	268.84	300.87	47.07	56.11	1.75	1.86	11.91
Total Thermal	1,450.22	1,336.13	245.57	274.32	1.69	2.05	(7.87)
Total CSGS	2,987.75	2,522.90	430.21	462.69	1.44	1.83	(15.56)
MeSEB	7.8	9.03	2.34	2.92	3.00	3.23	15.77
DLF	141.02	103.65	28.53	23.03	2.02	2.22	(26.50)
Total available excluding APGCL	3,136.57	2,635.58	461.08	488.64	1.47	1.85	(15.97)
NTPC		523.15		83.99		1.61	
Trading Purchases	27.08	91.83	9.66	38.57	3.57	4.20	239.11
Gross Total	3,163.65	3,250.56	470.74	611.20	1.49	1.88	2.75
Less PGCIL Transmission Loss	114.61	153.07					33.55
Energy available after loss in PGCIL	3,049.04	3,097.49	470.74	611.20	1.54	1.97	1.59
APGCL	1,057.20	826.18	180.17	205.45	1.70	2.49	(21.85)
Total Purchase	4,106.24	3,923.67	650.91	816.65	1.59	2.08	(4.45)
Less: UI Sale		(174.11)		-51.73		2.97	(58.97)
Less: Trading Sale	(424.38)	(64.86)	(111.44)	-34.31	2.63	5.29	#DIV/0!
Total Energy Available in Grid	3,681.86	3,684.70	539.47	730.61	1.47	1.98	0.08

From table 9, it appears that:

2.4.1 Overall rate of power increased from Rs. 1.47 to Rs. 1.98. Increased purchase costs from CSGS, traders and APGCL have contributed to this increase.

2.4.2 Power purchase costs per kWh from the Central Sector Generating Stations (CSGS) were 27.08% higher than approved (Rs. 1.44 per kWh compared to Rs. 1.83 per kWh) because of lower availability and therefore reduced purchase volumes.

- 2.4.3 Increase in rate of DHEP of NEEPCO is exceptionally high.
- 2.4.4 Due to draught like situation, energy available from CSGS (which are mostly hydro based stations) was less than approved figures by 465 MU. Therefore, to cater to the ever increasing demand for power and also on the occasion of the National Games organised in Assam for the first time, purchase from NTPC and excess power purchase from traders became inevitable as per reports available. Although, power purchase from NTPC was at the modest rate of Rs 1.61 per unit, power purchase rate from traders was too high at Rs 4.20 per unit against an approved figure of Rs 3.57 per unit.
- 2.4.5 The total costs of generation by APGCL per unit have gone up from Rs 1.70 to Rs 2.49.
- 2.4.6 Exports by ASEB during monsoon season declined drastically from 424.38 approved by the Commission to 258.97 MU in 2006-07.
- 2.4.7 Overall T&D loss with and without trading were 28.27% and 30.10% respectively which are less than the estimated figures of 28.66% and 32.08% in Tariff Order 2006-07 as can be seen from the Chart below:

Chart XIII

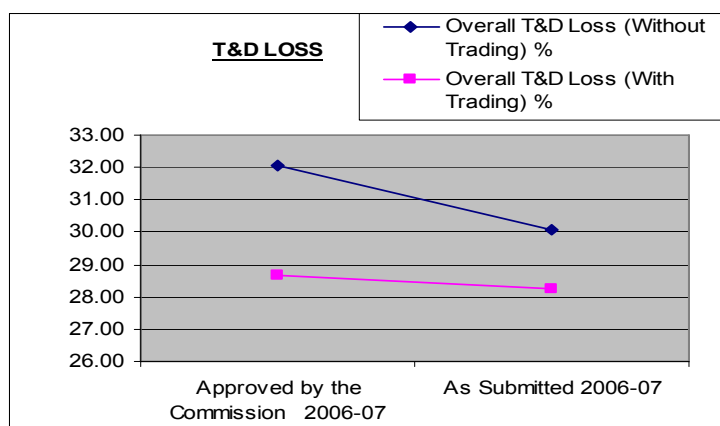
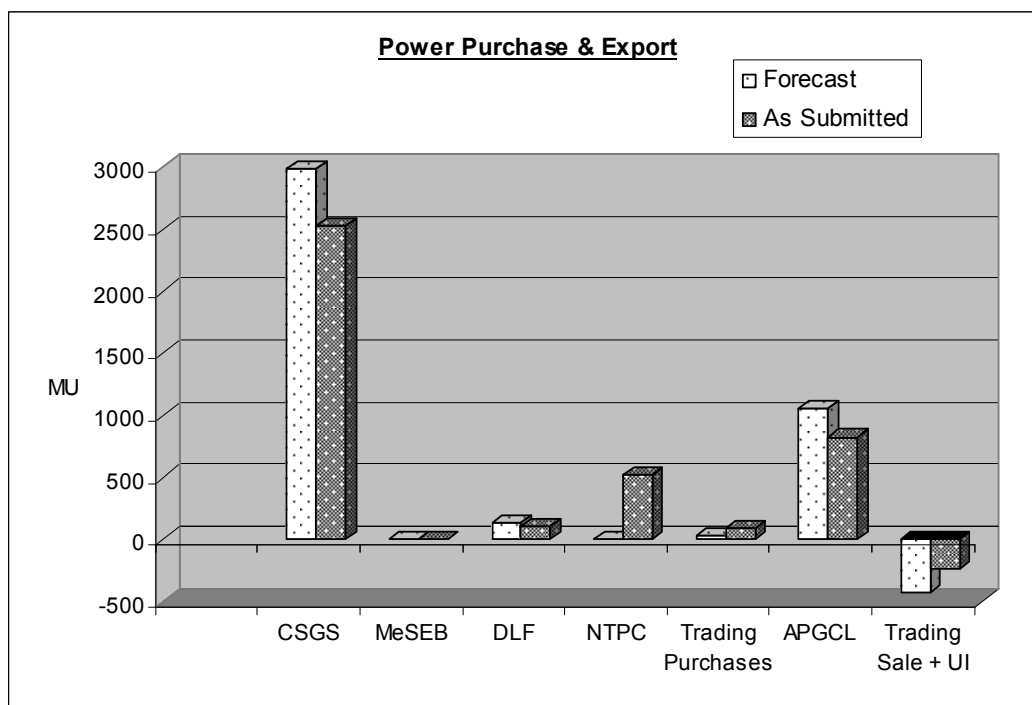


Chart: XIV

From Chart XIII it is apparent that:

2.4.8 Power purchase from Central Sector Generating Stations (CSGS) was lower by 464.85 MU from the approved figure in Tariff Order 2006-07. Purchase of power from DLF and APGCL had also gone down from the approved 141 and 1057 MU to 104 MU and 826 MU respectively in 2006-07. The primary reasons for this may be

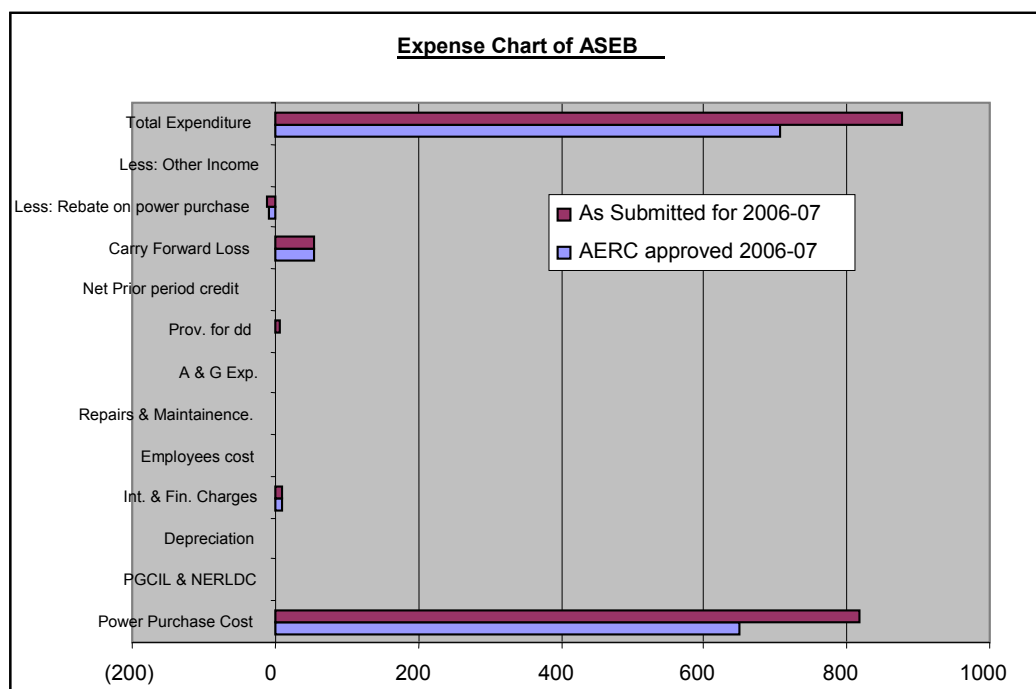
- ★ low generation by the thermal generating stations of APGCL is reportedly due to fuel shortage and poor conditions of old machines.
- ★ low generation by the central sector hydel stations due to scanty rainfall during 2006-07 reportedly to the tune of 36% of normal.

ASEB Financial Performance:

A comparison of the figures approved by the Commission for FY 2006-07 and the as submitted is given below in an income and expenditure format.

TABLE 10: Financial Performance of ASEB (Rs in Cr.)

SI No.	Item	AERC approved 2006-07 (B)	As Submitted/ Revised Estimate 2006-07 (C)	Difference (C-B)
	Income			
1	Sale of electricity	595.03	635.18	40.15
2	Trading Income	111.44	86.04	(25.40)
4	Total Revenue	706.47	721.22	14.75
	Expenditure			
5	Power Purchase Cost	650.91	816.65	165.74
6	PGCIL & NERLDC	0.00	0.00	0.00
7	Depreciation	0.00	0.17	0.17
8	Int. & Fin. Charges	8.94	10.39	1.45
9	Employees cost	1.30	0.48	(0.82)
10	Repairs & Maintenance.	0.00	0.00	0.00
11	A & G Exp.	0.85	1.01	0.16
12	Prov. for doubtful debts	0.00	7.95	7.95
13	Net Prior period credit	0.00	0.00	0.00
14	Carry Forward Loss	53.08	53.08	0.00
15	Less: Rebate on power purchase	(8.60)	(12.33)	(3.73)
16	Less: Other Income	0.00	(0.47)	(0.47)
17	Add: Provision for taxes	0.00	0.00	0.00
18	Total Expenditure	706.48	876.93	170.92
19	Shortfall/Surplus for FY 2006-07	0.01	(155.71)	156.17

Chart XV

Some key points noted from the table are:

- 2.4.9 Due to higher sales, the total income from sale of power was higher than the approved figure by Rs 40.15 Cr. However, income from trading decreased by Rs 25.40 Cr during the FY 2006-07. As a result, there was an overall increase in income of Rs 14.75 Cr only for FY 2006-07.
- 2.4.10 Power Purchase cost increased drastically due to low generation by the APGCL and the Central Sector Generating Stations which resulted in non availability of allotted power from the CGS stations. Therefore, power had to be purchased from traders at comparatively higher price and also from special allotment from NTPC stations of Eastern Region.
- 2.4.11 A shortfall of a whopping Rs 155.71 Cr emerged in the accounts due to the above factors. The other expenses of ASEB are comparatively negligible as it is only a trading entity.

2.5 Review of Other Features:

After technical and financial evaluation of ASEB and successor entities, an

analysis of some of the other important features of Tariff Order 2006-07 are given in the following paragraphs.

2.5.1 *The Tariff Order 2006-07 introduced an optional tariff for HT-II Industrial Category with higher demand charge and lower energy charges. It is expected that the optional tariff will be advantageous for power intensive industries to plan their operations in an economical manner.*

This optional tariff was introduced for the first time in Tariff Order 2006-07 for consumers who mostly comprise of power intensive industries and continuous process industries in addition to single shift/two shift processes. According to information received, Rs 145 Cr has been earned as revenue from this category against a sale of 336 MU leading to average realization of Rs 4.33 per unit sold. It was anticipated that about a 291 MU of power would be sold under this category recovering Rs 127 Cr as revenue with average realization per unit being Rs 4.35 per unit. In FY 2005-06, total sale was 260 MU and revenue earned Rs 121 Cr with an average realisation of Rs 4.66 per unit of energy sold. This may imply that, introduction of this optional tariff may have been beneficial to the consumers as the average realisation has been reduced from this category and there has been an increase of sale and higher revenue for the Discoms.

2.5.2 *The Tariff Order 2006-07, directed that each Discom must set up a separate Load Research Cell which will undertake load survey, consumer profiling and separation of cost more precisely as per requirements of the cost of supply model within two months of the coming into effect of the Tariff Order. The Load Research Cells shall also take up the following works.*

- a) Monitor the actual demand created by the Tea category of consumers at least from representative samples, and submit the same to the Commission in the form of a quarterly report.*
- b) Collect data from different categories of consumers under TOD Tariff and submit the same to the Commission for a database on TOD consumption.*

- c) *Collect information regarding use of solar water heating systems in their respective areas, and the total amount of rebate allowed and submit reports along with the next tariff petitions.*

According to the reports available with the Commission, the Load Research Cells (LRCs) have been constituted by each Discom. The LAEDCL has reported that their LRC has collected data of some 11 KV and 33 KV feeders (predominant category) of which, data for 13 numbers of 11 KV feeders and one number of 33 KV feeder have been submitted to the Commission. The LRC has also collected Load profile of some consumers of different categories of which, sample data for 8 numbers of consumers have been presented to the Commission. Similar initiatives have reportedly been taken by the other Discoms. However, intense collection of data is essential for further cost analysis of different categories including T& D losses.

2.5.3 *The Tariff Order 2006-07 tried to introduce reduction of cross subsidy in different categories of consumers based on the Cost of Supply to these categories. Accordingly, a comparison of cross subsidies of different categories as per Tariff Order 2006-07 and actual sale as submitted in the Tariff petitions for 2007-08 are given below:*

Chart: XVI

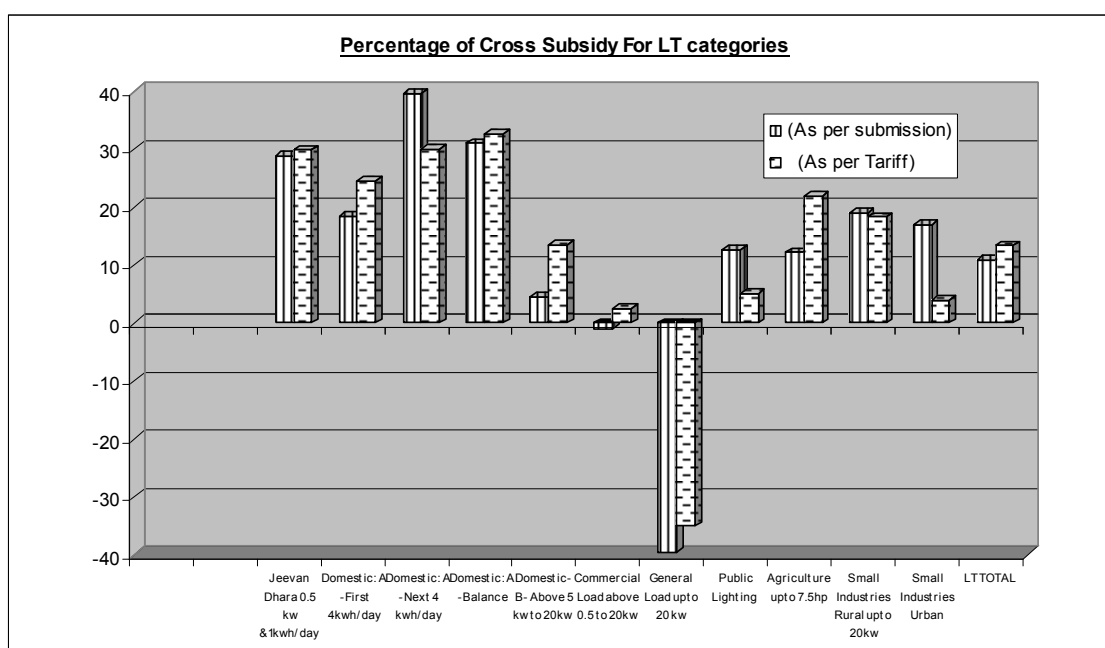
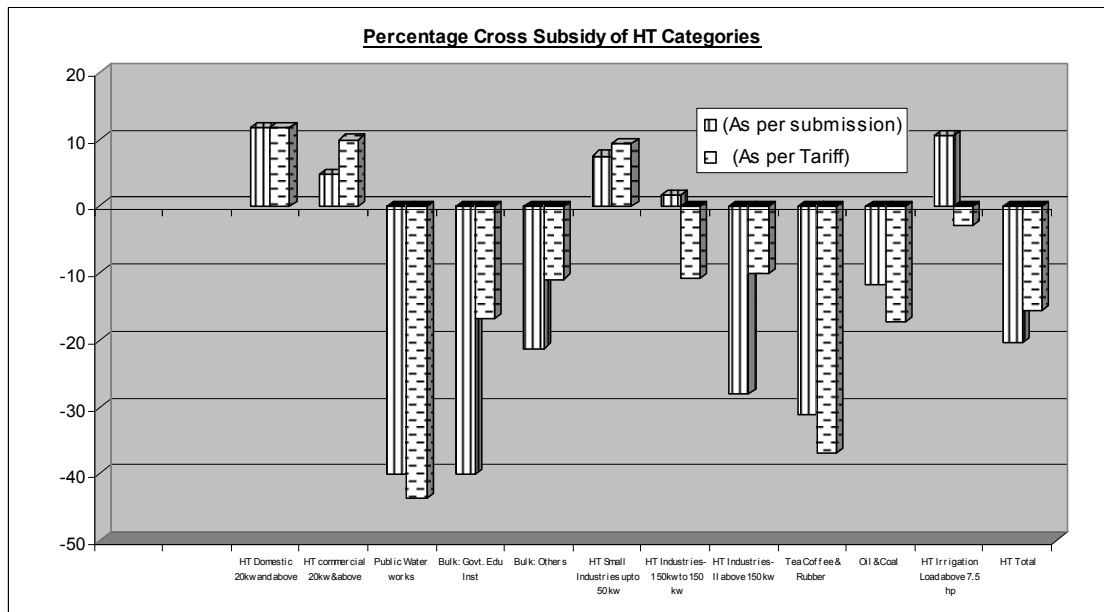


Chart XVII



From the charts above, the Commission notes that:

2.5.3.1 All domestic consumers belonging to the HT and LT categories are highly subsidised. The cross subsidy for the first slab in the domestic A category is the highest (Rs 50 Cr).

2.5.3.2 Tea, Coffee & Rubber category have made the highest contributions to the existing cross subsidy. This category of consumers which have seasonal tariff, 65% of the connected load was taken as the contracted demand during the seasonal period and 40% of the seasonal contracted demand during off-season period.

2.5.3.3 Both the LT Small Industries (Rural and Urban) categories are subsidised, the HT Small Industry category is also cross subsidised.

2.5.3.4 Both the LT and HT Commercial categories are cross subsidised.

2.5.4 Review of Compliance with FY 2006-07 Directions

2.5.4.1 APGCL

2.5.4.1.1 It is a matter of concern to the Commission that APGCL is failing to keep its own commitment of commissioning dates of Karbi Langpi Hydroelectric Project on several occasions. APGCL is directed to make all out efforts to complete the project and go for its commercial operation at the earliest and in no case should make further slippage from its stated commercial operation from April, 2007.

Both the units of KLHEP (2 x 50 MW) were successfully commissioned within 31st March 2007 and now units are on commercial operation at full load since April 2007 subject to availability of water.

2.5.4.1.2 The Commission considered explanation given by APGCL regarding high Auxiliary Consumption of LTPS due to requirements of running two sets of Gas Booster Compressor System of stage 1 (4X15) & stage 2 (3X20) when units of both stages are in operation. The Commission hereby directed APGCL to measure actual consumptions by the Gas Booster Compressors separately by installing adequate energy meter to support their claim for consideration of the Commission to grant Auxiliary Consumption in future based on actuals.

- (i) *The Commission was informed about the completion of installation of Auxiliary Energy meter for all the Gas booster consumption vide letter No. APGCL/MD (Tariff)/115/PT-III/ 86 dated 31.3.2007.*
- (ii) *Aux. Energy Consumption as per newly installed meters for May/June, 2007 were furnished to the Commission. Energy consumption for gas booster*

consumption (station consumption) for May 2007 and June 2007 are 5.71% and 6.15% respectively which is higher than 4.5% as approved by AERC for 2006-07.

- 2.5.4.1.3 The Commission believes that there is a need to do thorough scrutiny of capital works in progress (CWIP) due to the reason that huge amounts have been shown against this head. As such, the Commission directs the entity to furnish detailed cost break-up of the schemes shown under CWIP along with expected date of completion within two month of issue of this tariff order and, on a quarterly basis there after.

The detailed cost breakup of KLHEP under CWIP was provided to the Commission along with the additional information sought from the petitioner for tariff processing.

- 2.5.4.1.4 APGCL is to publish the latest audited balance sheet and profit & loss account each year at the time of submission of tariff petition.

APGCL has submitted un-audited Annual Accounts of 2005-06 to AERC. The petitioner has informed that Annual Accounts of 2005-06 is now being audited by Statutory Auditor and after completion of audit, the audit certificate will be submitted to the AERC.

- 2.5.4.1.5 The Commission directs the APGCL to complete the schemes under Development Fund within the original or, extended date of completion, as applicable. ***In case the entity fails to fully implement the schemes in time, the amount by which it falls short of the approved amount of the scheme will be deducted from the ARR of next year.***

As per information received by the Commission

implementation of the Development Fund Scheme for LTPS was successfully completed in October 2006. However, the works under this scheme for NTPS could not be completed fully as per reports available and will be complete by September 2007.

2.5.4.1.6 APGCL is directed to comply with the directions issued in the Tariff Order for 2004-05 and 2005-06 as explained above within the time stipulated.

Further Directives of AERC in our response to their 2004-05 and 2005-06 Directives are given in tabular form below:

Sl No.	Direction No. of 04-05 / 05-06 order and further Directions in No 2006-07 Order	Page No	Action/Reply as submitted
1	Clause 6.14. of 2005-06 Order The steps taken for reduction of APC in LTPS is not elaborated in the Report which is submitted latest by 30.09.2006.	237	<u>Measures taken by LTPS for reduction in APC</u> About 90% of auxiliary consumption takes place on running the Gas Compressors. Action is being taken to run the gas compressors economically as stated below: 1. To stop the higher capacity Gas compressors when the gas supply is reduced/ any GT is stopped. 2. To run the Gas turbines at full load as far as possible.
2	Clause 3.94. of 2005-06 Order In the meeting of the Coordination Forum held on 10th February, 2006, M.D, APGCL was requested to review with the Assam Gas, Company on the readiness of the existing pipeline to LTPS to carry the additional gas with a view to achieve the PLF as per tariff order. The report on review not yet received which is to be submitted latest by 30.09.2006.	237	AGCL was requested by our letter dtd. 26-4-06 to intimate the readiness of existing pipeline to transport the additional 0.5 MSCMD of gas to LTPS, to be supplied by OIL. In response, AGCL informed that their system is capable to carry the above additional gas. However the system will require minor modification, which they will take up after signing of the transportation agreement and they will take at least 6 months from date of signing of the agreement. We have received a draft transportation agreement from AGCL. However the commercial part of the agreement is yet to be received from them. Regarding status of the supply of the above additional gas, OIL has stated

Sl No.	Direction No. of 04-05 / 05-06 order and further Directions in No 2006-07 Order	Page No	Action/Reply as submitted
			that they will be in a position to supply at least 0.3 MMSCMD from end Dec-06/Jan-07 and will gradually increase to 0.5 MMSCMD level. As per latest status, the same is yet to be materialized.
3	Clause 11.5 of 2005-06 Order Business plan has to be submitted by 30.11.2006 as the future generation and improvement/deterioration in operational efficiency will have direct impact on the Multi year tariff proposal.	238	The Draft Business Plan of APGCL was placed for approval in the last company's Board meeting held on 23-9-06. APGCL advised some changes/corrections in the Business Plan. The final Business Plan is now being made ready and the same will be forwarded to AERC shortly with the approval of APGCL Board.
4	Clause 11.16 2005-06 Order The details of energy accounting methodology are not yet intimated to the Commission which is to be intimated latest by <u>30.09.2006</u> .	239	APGCL has been doing the detailed energy accounting in LTPS & NTPS with the existing energy meters installed in various G-T & G-D interfere points. The readings of the energy meters are being taken regularly by the authorized personnel of the Power Station and the Energy Accounting statement is furnished to respective power station in the first week of every month. APGCL also raised monthly energy bill to ASEB for the period 2005-06. It has now been decided to take meter reading jointly with AEGCL & DISCOM for their respective interface metering points (G-T/G-D). It may be noted that AEGCL is already taking actions for procurement and installation of ABT compliance energy meters in place of the existing electro/ mechanical energy meters at the directions of AERC.
5	Clause 8.18 of 2004-05 Order The Commission desires that the asset register for APGCL duly' completed for all the power stations of APGCL, running and non running be completed before the submission of the next tariff petition.	240	The process of finalization of asset register is nearing completion and the same is expected to be ready for submission to AERC before filing the next tariff petition.

2.5.4.2 AEGCL

2.5.4.2.1 The Commission believes that there is a need to do thorough scrutiny of capital works in progress (CWIP) due to the reason that huge amounts have been shown against this head.

As such, the Commission directs the entity to furnish detailed cost break-up of the schemes shown under CWIP along with expected date of completion within two month of issue of this tariff order and, on a quarterly basis there after.

Detailed breakup of capital works in progress (CWIP) has been provided along with the Tariff petitions.

2.5.4.2.2 Chairman, ASEB has constituted the “Board of Trustees of ASEB Employees’ Pension Fund Investment Trust” with 11 Trustees including Chairman, ASEB/Successor Companies as President of the Trust. As per the arrangement the maintenance of the trust is vested on AEGCL. As such, AEGCL is directed to see that the fund is properly maintained and utilized and a report on the present status of the fund is to be enclosed with the Tariff Petition for the next year.

The status of 'ASEB employees Pension Fund Investment Trust' and 'ASEB employees CPF Trust' as on 15.11.06 submitted to the Commission are furnished below. Further information sought by the Commission in this matter is awaited.

(i)	<i>Pension Trust</i>	: -	<i>Rs. 74,46,32,591.31</i>
(ii)	<i>CPF Trust</i>	: -	<i>Rs. 38.54,06.899.00</i>
(iii)	<i>Total Corpus</i>	: -	<i>Rs.113,00.39.490.31</i>

2.5.4.2.3 AEGCL is to publish the latest audited balance sheet and profit & loss account each year at the time of submission of tariff petition.

AEGCL has submitted un-audited Annual Accounts of 2005-06 to AERC. The petitioner has informed that Annual Accounts of 2005-06 is now being audited by Statutory

Auditor and after completion of audit, the audited statements along with the audit certificate will be submitted to the AERC.

2.5.4.2.4 The Commission directs the AEGCL to complete the schemes under Development Fund within the original or, extended date of completion, as applicable. ***In case the entity fails to fully implement the schemes in time, the amount by which it falls short of the approved amount of the scheme will be deducted from the ARR of next year.***

According to reports available with the Commission, AEGCL is in process of procuring and installing MRI based ABT compliant electronic meters at every point of interface. There are 336 nos. of interface points between APGCL-AEGCL (62 nos.) and AEGCL and 3 Discoms viz. LAEDCL, UAEDCL and CAEDCL (274 nos.). Special Technical Committee has already opened technical and commercial offers for 348 nos. of ABT compliant electronic meters which includes 12 nos. of spares during January, 2007. The supply, installation and commissioning of the meters are expected to be completed by August, 2007.

2.5.4.2.5 AEGCL is directed to comply with the directions issued in the Tariff Order for 2004-05 and 2005-06 as explained above within the time stipulated.

Further Directives of AERC in our response to their 2004-05 and 2005-06 Directives are given in tabular form below:

Sl No.	Direction No. of 04-05 / 05-06 order and further Directions in No 2006-07 Order	Page No	Action /reply as submitted
1	Clause 11.5 of 2005-06 Order Business plan has to be submitted by 30.11.2006 as the future generation and	238	Draft Business Plan has been prepared and will be put up in the next AEGCL's Board Meeting, for approval.

Sl No.	Direction No. of 04-05 / 05-06 order and further Directions in No 2006-07 Order	Page No	Action /reply as submitted												
	improvement/deterioration in operational efficiency will have direct impact on the Multi year tariff proposal.														
2	Clause 11.16 of 2005-06 Order The details of energy accounting methodology are not yet intimated to the Commission which is to be intimated latest by 30.09.2006.	239	<p>Energy Accounting Methodology adopted is as follows:</p> <p>Purchase from:</p> <p>(i) Power Traders.....(A)</p> <p>(ii) IPP from Assam.....(B)</p> <p>(iii) Others:</p> <table style="margin-left: 20px;"> <tr> <td>MeSEB</td> <td rowspan="3" style="font-size: 3em; vertical-align: middle;">}</td> <td rowspan="3" style="vertical-align: middle;">(C)</td> </tr> <tr> <td>Regulated Power</td> </tr> <tr> <td>Eastern Region</td> </tr> </table> <p>Input from Central Sector(D)</p> <p>Input from APGCL.....(E)</p> <p>Gross Input: (A) + (B) + (C) + (D) + (E)....(F)</p> <p>Less Sales:</p> <table style="margin-left: 20px;"> <tr> <td>State periphery</td> <td rowspan="2" style="font-size: 3em; vertical-align: middle;">}</td> <td rowspan="2" style="vertical-align: middle;">(G)</td> </tr> <tr> <td>Sale through UI Exchange</td> </tr> </table> <p>Total Input after Sale.....(F)-(G)</p> <p>Less:</p> <p>Loss in PGCIL Network.....(H)</p> <p>Net Input to AEGCL.(F)-(G)-(H)....(J)</p> <p>Input To:</p> <table style="margin-left: 20px;"> <tr> <td>UAEDCL.....(K)</td> </tr> <tr> <td>CAEDCL.....(L)</td> </tr> <tr> <td>LAEDCL.....(M)</td> </tr> </table> <p>Loss in AEGCL's Network.....(P)</p> <p>(J) = (K) + (L) + (M) + (P)</p> <p>Net Input to AEGCL = Input to all the three DISCOMs + Loss in AEGCL's Network.</p>	MeSEB	}	(C)	Regulated Power	Eastern Region	State periphery	}	(G)	Sale through UI Exchange	UAEDCL.....(K)	CAEDCL.....(L)	LAEDCL.....(M)
MeSEB	}	(C)													
Regulated Power															
Eastern Region															
State periphery	}	(G)													
Sale through UI Exchange															
UAEDCL.....(K)															
CAEDCL.....(L)															
LAEDCL.....(M)															
3	Clause 11.6(a) of 2005-06 Order The commercially acceptable levels of transmission losses to be achieved after commissioning of the projects under ADB, NLCPR etc. are not indicated which are to be submitted along with the Tariff Petition for the next year. Transmission line wise energy transactions were not submitted which are to be submitted along with the Tariff Petition for the next year.	241	<p>With the completion of Projects of ADB, NLCPR, PFCL, NEC, plan funded centrally sponsored Project, etc the Transmission loss is expected to be around 6.5%. Data for transmission line wise energy transactions are submitted along with the Tariff Petition, for the next year.</p>												
4	Clause 11.6(b) of 2005-06 Order There are 8 performance measures set out Schedule II of the (Transmission Licensee Standards of Performance), Regulations, 2004. AEGCL had given details of Transmission System Availability (Reliability Index) for the period	242	Performance standard is under preparation.												

Sl No.	Direction No. of 04-05 / 05-06 order and further Directions in No 2006-07 Order	Page No	Action /reply as submitted												
	April 2004 to March 2005 and Service Reliability Index for the months of August and September 2005 for its four circles .Achievements against other 6 measures are not submitted. A Report on how these measures will be improved once the transmission system projects are completed for the two performance measures above are not submitted which are to be submitted along with the Tariff Petition for the next year.														
5	Clause 11.5 of 2005-06 Order Detailed Business Plans to be submitted latest by 30.09.2006.	242	Draft Business Plan has been prepared and will be put up in the next AEGCL's Board Meeting, for approval.												
6	Clause 11.6(c) of 2005-06 Order The Annexure X does not contain data on number of staff by organization unit. The number of staff by organization unit before and after use of new SCADA system is required to explain how manpower reductions will be achieved which are not submitted. These figures are to be submitted within three months of issue of the Order.	243	SCADA system is yet to be operated fully. It is under process. As such, reduction of staff is yet to be materialized.												
7	Clause 8.18 of 2004-05 Order The expected time to be taken to build the asset register is not yet informed. The Commission desires that the asset register for AEGCL duly completed for all assets of AEGCL be completed before the submission of the next tariff petition.	244	Updating of Asset Register will be completed by September, 2007.												
8	Clause 8.6 of 2004-05 Order A detailed Report on Insurance cover of all other assets is to be submitted along with Tariff Petition for next year.	245	Insurance cover is as follows: <table border="1" data-bbox="778 1480 1375 1724"> <thead> <tr> <th>Sl. No.</th> <th>Item</th> <th>Line Length/ S/S Capacity</th> <th>Premium Paid (Rs)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>220 KV Tinsukia - Kathalguri Tr. Line</td> <td>24 KMS</td> <td>1,29,832.00</td> </tr> <tr> <td>2</td> <td>220/132 KV Tinsukia S/S</td> <td>50X2 MVA</td> <td>1,00,467.00</td> </tr> </tbody> </table>	Sl. No.	Item	Line Length/ S/S Capacity	Premium Paid (Rs)	1	220 KV Tinsukia - Kathalguri Tr. Line	24 KMS	1,29,832.00	2	220/132 KV Tinsukia S/S	50X2 MVA	1,00,467.00
Sl. No.	Item	Line Length/ S/S Capacity	Premium Paid (Rs)												
1	220 KV Tinsukia - Kathalguri Tr. Line	24 KMS	1,29,832.00												
2	220/132 KV Tinsukia S/S	50X2 MVA	1,00,467.00												

2.5.4.3 DISCOMS

2.5.4.3.1 The Commission believes that there is a need to do thorough scrutiny of capital works in progress (CWIP) due to the reason

that huge amounts have been shown against this head. Discoms are to furnish detailed cost break-up of the schemes shown under CWIP along with expected date of completion within two month of issue of this tariff order and, on a quarterly basis there after.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>The detailed breakup of CWIP schemes has been submitted to the Commission</i>	<i>The detailed breakup of CWIP schemes has been submitted to the Commission</i>	<i>The detailed breakup of CWIP schemes is under process.</i>

2.5.4.3.2 Each Discom must set up a separate Load Research Cell which will undertake load survey, consumer profiling and separation of cost more precisely as per requirements of the cost of supply model within two months of the coming into effect of this tariff Order. The Load Research Cells shall also take up the following works.

- a) Monitor the actual demand created by the Tea category of consumers at least from representative samples, and submit the same to the Commission in the form of a quarterly report.
- b) Collect data from different categories of consumers under TOD Tariff and submit the same to the Commission for a Database on TOD consumption.
- c) Collect information regarding use of solar water heating systems in their respective areas, and the total amount of rebate allowed and submit reports along with the next tariff petitions.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>The Load Research Cell (LRC) has been constituted. The LAEDCL has reported that their LRC has collected data of some 11 KV and 33 KV feeders (predominant category) of which, data for 13 numbers of 11 KV feeders and one number of 33 KV feeder have been submitted to the Commission. The LRC has also collected Load profile of some consumers of different categories of which, sample data for 8 numbers of consumers have been presented to the Commission.</i>	<i>LRC has been formed and similar initiatives have reportedly been taken.</i>	<i>LRC has been formed and similar initiatives have reportedly been taken.</i>

2.5.4.3.3 The Discoms are to submit details of the bad debt written-off in FY 2005-06 within one month of this order, without fail.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>The annual accounts of the Discoms for FY 2005-06 have not yet been finalized. Bad debts amount written off can be furnished after finalization of the annual accounts of the Discom.</i>	<i>The annual accounts of the Discoms for FY 2005-06 have not yet been finalized. Bad debts amount written off can be furnished after finalization of the annual accounts of the Discom.</i>	<i>The annual accounts of the Discoms for FY 2005-06 have not yet been finalized. Bad debts amount written off can be furnished after finalization of the annual accounts of the Discom.</i>

2.5.4.3.4 Certain areas under LAEDCL are getting power from

MeSEB at 11KV at high cost. LAEDCL is to take action for supplying power to these areas through its own network and file an action plan to the Commission in this regard within 3 (three) months from the date of issue of the Order.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>Arrangement has been made in this regard to extend network from AEGCL Grid substation.</i>	<i>Issue to be dealt with by LAEDCL</i>	

2.5.4.3.5 Discoms are to submit the quarterly report on action taken on complaints / grievances raised by consumers in different forums like Consumer Grievance Cell, Consumer Grievance Forum etc. to the Commission.

Action taken in this regard by the three Discoms is given below:

LAEDCL	CAEDCL	UAEDCL
<i>Quarterly reports are submitted by the Discom to the Commission but in an intermittent manner.</i>	<i>Quarterly reports are submitted by the Discom to the Commission but in an intermittent manner.</i>	<i>Quarterly reports are submitted by the Discom to the Commission but in an intermittent manner.</i>

2.5.4.3.6 Discoms are to keep 10% of total distribution transformers capacity in a Circle as reserve stock for the subdivisions under the Circle to avoid any long outage due to damage of transformers etc. for better service to consumers as stipulated in the AERC Distribution Licensees' Standard of Performance Regulations, 2004.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>Some transformers of various capacities are kept for emergency purpose in central locations.</i>	<i>Some transformers of various capacities are kept for emergency purpose in central locations.</i>	<i>Some transformers of various capacities are kept for emergency purpose in central locations.</i>

2.5.4.3.7 Though AERC has fixed T&D loss target for different years in earlier tariff orders it is observed that the Discoms could not achieve the targets in the previous years. The T&D losses in the UAEDCL are higher than that of other two Discoms even though there are large numbers of HT consumers like the tea gardens under UAEDCL. All the Discoms including UAEDCL should make all out efforts to reduce T&D losses so as to achieve the targets fixed by the Commission in this tariff order. The Discoms should take stern administrative and legal actions against theft of power.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>All DGMs are instructed to adopt means to reduce T&D losses with setting specific targets. Necessary instructions /guidance to combat theft of power have already been taken. Weekly meetings will be held by MDs to review collection of revenue and monitoring of loss reduction.</i>	<i>All DGMs are instructed to adopt means to reduce T&D losses with setting specific targets. Necessary instructions /guidance to combat theft of power have already been taken. Weekly meetings will be held by MDs to review collection of revenue and monitoring of loss reduction.</i>	<i>All DGMs are instructed to adopt means to reduce T&D losses with setting specific targets. Necessary instructions /guidance to combat theft of power have already been taken. Weekly meetings will be held by MDs to review collection of revenue and monitoring of loss reduction.</i>

2.5.4.3.8 The APDRP and the Rural Electrification works are to be implemented by all the Discoms as per schedule so that the benefits can be reaped by the consumers. Computerisation of

billing in all the Discoms should be completed as per schedule so that errors in the billing can be eliminated and harassment to consumers may be reduced.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>The APDRP and the Rural Electrification works are going on in full swing. However, progress of RGGVY is somewhat slow. Computerisation of billing is complete in Guwahati city and has been started in major sub-divisions in other areas. Corrections of malfunctioning are going on in some subdivisions.</i>	<i>The APDRP and the Rural Electrification works are going on in full swing. However, progress of RGGVY is somewhat slow. Computerisation of billing is complete in Guwahati city and has been started in major sub-divisions in other areas. Corrections of malfunctioning are going on in some subdivisions.</i>	<i>The APDRP and the Rural Electrification works are going on in full swing. However, progress of RGGVY is somewhat slow. Computerisation of billing is complete in Guwahati city and has been started in major sub-divisions in other areas. Corrections of malfunctioning are going on in some subdivisions.</i>

2.5.4.3.9 It is observed that a good number of domestic consumers are using their connections for commercial and other purposes. Discoms should take actions against such consumers to avoid revenue loss and submit quarterly report to the Commission.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>Periodic load surveys are conducted. Consumers have been provided with opportunities to regularize their unauthorized connections in appropriate categories.</i>	<i>Periodic load surveys are conducted. Consumers have been provided with opportunities to regularize their unauthorized connections in appropriate categories.</i>	<i>Periodic load surveys are conducted. Consumers have been provided with opportunities to regularize their unauthorized connections in appropriate categories.</i>

2.5.4.3.10 Discoms are to announce the schedule of load shedding in various media well ahead to avoid inconvenience to the consumers as far as practicable.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>Consumers are normally informed for scheduled load shedding. However, in case of exigency, sometimes it does not become possible to intimate the consumers for unscheduled load shedding. These exigencies relate to uncertainty about availability of quantum of power due to forced outages / uncertain gas supply etc.</i>	<i>Consumers are normally informed for scheduled load shedding. However, in case of exigency, sometimes it does not become possible to intimate the consumers for unscheduled load shedding. These exigencies relate to uncertainty about availability of quantum of power due to forced outages / uncertain gas supply etc.</i>	<i>Consumers are normally informed for scheduled load shedding. However, in case of exigency, sometimes it does not become possible to intimate the consumers for unscheduled load shedding. These exigencies relate to uncertainty about availability of quantum of power due to forced outages / uncertain gas supply etc.</i>

2.5.4.3.11 A report on the status of electronic meters on all the 33KV feeders is to be submitted by the Discoms within two months of issue of this order.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>All the 33 KV and 11 KV feeders have been metered.</i>	<i>All the 33 KV and 11 KV feeders have been metered.</i>	<i>All the 33 KV and 11 KV feeders have been metered.</i>

2.5.4.3.12 All the DISCOMs are to publish quarterly reports on energy audit of the 33KV and 11KV feeders undertaken by them and also the subsequent corrective actions taken by them for information to the consumers.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>Energy audit is under process but no report has been submitted to the Commission.</i>	<i>Energy audit is under process but no report has been submitted to the Commission.</i>	<i>Energy audit is under process but no report has been submitted to the Commission.</i>

2.5.4.3.13 The list of high value defaulting consumers along with their arrear dues should be published half yearly by the DISCOMs in the print medium with intimation to the Commission.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>No report is available so far.</i>	<i>No report is available so far.</i>	<i>No report is available so far.</i>

2.5.4.3.14 All the DISCOMs are to publish the latest audited balance sheet and profit & loss account each year at the time of submission of tariff petition.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>Unaudited Balance Sheet and Profit & Loss Accounts for FY 2005-06 without any technical particulars is submitted along with the tariff petitions.</i>	<i>Unaudited Balance Sheet and Profit & Loss Accounts for FY 2005-06 without any technical particulars is submitted along with the tariff petitions.</i>	<i>Unaudited Balance Sheet and Profit & Loss Accounts for FY 2005-06 without any technical particulars is submitted along with the tariff petitions.</i>

2.5.4.3.15 All the Discoms are to furnish details of ‘interest on Security Deposit’ refunded to the consumers within one month of this

order, without fail.

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>Periodic information about refund/adjustment of "Interest on security deposit" has been made available to the Commission.</i>	<i>Periodic information about refund/adjustment of "Interest on security deposit" has been made available to the Commission.</i>	<i>Periodic information about refund/adjustment of "Interest on security deposit" has been made available to the Commission.</i>

2.5.4.3.16 The Commission directs the Discoms to complete the schemes under Development Fund within the original or, extended date of completion, as applicable. ***In case the entities fail to fully implement the schemes in time, the amount by which they fall short of the approved amount of the scheme will be deducted from the ARRs of next year.***

Reply from the three Discoms as submitted to the Commission is given below:

LAEDCL	CAEDCL	UAEDCL
<i>The fund was utilized in a special transformer maintenance scheme called the "Zero DTR Failure" scheme. The scheme is implemented in two phases. The 1st phase covers 879 nos. of DTRs of all capacities in the city of Guwahati while the 2nd phase covers 588 nos. of DTRs of capacities 250 KVA & above spread across the company's jurisdiction outside the Guwahati city. Total cost of the</i>	<i>The fund was utilized for the purpose of zero DTR failure scheme, customer care center and consumer metering. The total amount allotted for the purpose was Rs 2,23,59,000.00 and the entire amount was spent in the last Financial Year.</i>	<i>The fund was utilized in a zero DTR failure scheme. For the scheme Rs 1,18,44,249.00 has been spent against an estimated Rs1,97,92,307.00. The balance amount of Rs 79,48,057.00 is being spent on procurement of new transformer oil required for success of the scheme.</i>

LAEDCL	CAEDCL	UAEDCL
<p><i>estimate is Rs 2,14,05,341.00. It was reported that not much progress could be made in case of refurbishment of transformers due to scarcity of spare transformers because of high rate of transformer failure during the summer of 2006. As such, they sought an extension upto 31.03.2007 which the Commission approved. About 90% of the works have been completed and the rest are reportedly under the process of implementation.</i></p>		

2.5.4.3.17 Discoms are to comply with the directions issued in the Tariff Order for 2004-05 and 2005-06 as explained above within the time stipulated.

Reply from the three Discoms as submitted to the Commission is given below for the different Discoms in separate tables:

TABLE 5.5.3.17 (A): LAEDCL

Sl. No.	Direction No. of 04-05/05-06 order and further Directions in 2006-07 Order	Page No of TO	Actions Taken To Date or To be Taken
1	Clause 11.5 of 2005-06 Order Business plan has to be submitted by 30.11.2006 as the future generation and improvement/deterioration in operational efficiency will have direct impact on the Multi year tariff proposal.	238	Submitted with Tariff Petitions.
2	Clause 8.1(a) of 2005-06 Order No target has been given for completion of	246	The utilities have monitored the three parameters namely T&D loss, billing

Sl. No.	Direction No. of 04-05/05-06 order and further Directions in 2006-07 Order	Page No of TO	Actions Taken To Date or To be Taken
	feederwise metering and substation metering under APDRP which may be intimated within three months from issue of this order. Reduction of losses in the three circles, namely Guwahati - II, Jorhat and Dibrugarh consequent to APDRP works may be assessed and intimated to the Commission within three months from issue of the Tariff order.		efficiency and collection efficiency to arrive at monthly and yearly AT&C loss. Feeder metering are reportedly completed and the circles are assessing losses in their respective areas.
3	Clause 8.1(b) of 2005-06 Order The quarterly report on the Billing Efficiency achieved with effect from July 2005 indicating the action taken in respect of the units (Circles/Divisions/Sub-divisions) where the Billing Efficiency is lower not submitted. The quarterly reports are to be submitted with effect from July, 2006.	246	Replied vide MD, LAEDCL Letter No. MD/LAEDCL/100/2006/23 dated 16.11.2006 (Annexure-I). Quarterly reports are not submitted.
4	Clause 8.1(c) of 2005-06 Order The quarterly report on the Collection Efficiency achieved with effect from July 2005 indicating action taken in respect of units where the Collection Efficiency is lower is not submitted. The quarterly reports are to be submitted with effect from July, 2006.	248	Submitted vide MD, LAEDCL Letter No. MD/LAEDCL/100/2006/23 dated 16.11.2006. No reports submitted.
5	Clause 8.4(C) of 2005-06 Order A status report on the refund of interests on security deposits for the year 2005-06 submitted before the Commission. The status report for 2005- 06 is to be submitted within three months from issue of this order.	249	Latest status report on the refund Discomwise / yearwise (circle) is to be submitted.
6	Clause 11.5 of 2005-06 Order The Business plans for each of the Discoms are to be submitted by 30.09.2006.	249	Submitted.
7	Clause 11.10(a) of 2005-06 Order Report of pilot projects on Energy Auditing Distribution losses are to be submitted 30.09.2006.	250	Submitted vide MD, LAEDCL Letter No. MD/LAEDCL/100/2006/23 dated 16.11.2006

Sl. No.	Direction No. of 04-05/05-06 order and further Directions in 2006-07 Order	Page No of TO	Actions Taken To Date or To be Taken
8	Clause 11.10(b) of 2005-06 Order It was directed by the Chairperson in the meeting to review the implementation of Directives of the Tariff order held on 06.09.05 that MODs between Chairman/MD and CEO's, CEO's & EE's of respective Divisions under them, between EE's and AEE's and between AEE's and JEs will be submitted to the Commission by October 2005 and the monitoring of performance indicators of the MODs was to be also reported to the Commission. The profit and loss accounts submitted by CEOs are also to be shared with the Commission. The above are not yet submitted/reported to the Commission which are to be submitted within three months from issue of this order.	250	Submitted vide MD, LAEDCL Letter No. MD/LAEDCL/100/2006/23 dated 16.11.2006
9	Clause 11.11 of 2005-06 Order Projections on future level of Distribution losses upto next 3 years are to be submitted along with next Tariff Petition.	251	Submitted with Tariff Petition.
10	Clause 11.12 of 2005-06 Order The status report of the Computerised Billing and MIS being followed by each of the Discoms. is to be submitted within three months from issue of this order	251	Computerized billing in GEC-I and II completed. In other circles works are under progress.
11	Clause 8.1 of 2004-05 Order A report on the status of meters installed at offices and premises of the Discoms are to be submitted within three months from issue of this order.	252	Installed.
12	Clause 8.6 of 2004-05 Order Progress Report on action taken on Insurance Cover of Assets is to be submitted along with Tariff Petition for next Year.	252	Included in R & M budget of Tariff Petition.
13	Clause 8.8 of 2004-05 Order The Additional Chief Engineer (Com-Tariff), ASEB vide his petition dated 20.09.05 had given a activity schedule for procurement of energy meters against unmetered consumers under ADB funded schemes. As per the schedule the installation, testing and commissioning of the meters are scheduled to start from 10.05.06 and end on 10.10.07. Quarterly report on the progress of the work is to be submitted from July, 2006 onwards.	252	Meters have been procured. Installation is in progress.

Sl. No.	Direction No. of 04-05/05-06 order and further Directions in 2006-07 Order	Page No of TO	Actions Taken To Date or To be Taken
14	<p><u>Clause 8.12 of 2004-05 Order</u></p> <p>In this order, the Commission directs that each DISCOM must set up a separate Load Research Cell which will undertake load survey, consumer profiling and separation of cost more precisely as per requirements of the cost of supply model within two months of the coming into effect of this tariff Order. It is expected that the proposed Management Consultancy Cell will do the works suggested for the Load Research Cell.</p>	253	LRC already setup. Sample reports submitted.
15	<p><u>Clause 8.13 of 2004-05 Order</u></p> <p>Commission staff has collected MRI downloads for few selected industries from MTI Wing of ASEB. It is directed that a brief monthly report on MRI downloads and analysis of all HT consumers on the heads as suggested in the tariff order for 2004-05 will be sent to the Commission by 25th of following month starting from July, 2006.</p> <p>The expected time to be taken to build the asset register is not yet informed. The Commission desires that the asset register for all the Discoms duly completed for all assets of Discoms be completed before the submission of the next tariff petition.</p>	254	Latest status report is to be submitted.
16	<p><u>Clause 8.18 of 2004-05 Order</u></p> <p>The expected time to be taken to build the asset register is not yet informed. The Commission desires that the asset register for all the Discoms duly completed for all assets of Discoms be completed before the submission of the next tariff petition.</p>	254	Will be completed by Sept-07
17	<p><u>Clause 8.20 of 2004-05 Order</u></p> <p>As TOD is an effective tool to rationalize demand, the Commission has introduced a three tier TOD charges for a few categories of consumers in 2005-06 tariff order in place of two tier TOD in 2004-05 tariff order. Commission directs that the information on actual consumption under TOD by different: consumers will be made available by the Discoms to the Commission within three months of the issue of the order so that the effectiveness of TOD charges can be assessed and the facility can be extended to other categories in the next year's tariff.</p>	255	Sample reports submitted.

TABLE 5.5.3.17 (B): CAEDCL

Sl No.	Direction No. of 04-05 / 05-06 order and further Directions in No 2006-07 Order	Page No	Action
1	Clause 11.5 of 2005-06 Order Business plan has to be submitted by 30.11.2006 as the future generation and improvement/deterioration in operational efficiency will have direct impact on the Multi year tariff proposal.	238	Submitted along with petitions.
2	Clause 8.1(a) of 2005-06 Order No target has been given for completion of feederwise metering and Substation metering under APDRP which may be intimated within three months from issue of this order. Reduction of losses in the three circles, namely Guwahati-II, Jorhat and Dibrugarh consequent to APDRP works may be assessed and intimated to the Commission within three months from issue of the Tariff order.	246	Being done. Latest status report is to be submitted. Latest status report is to be submitted.
3	Clause 8.1(b) of 2005-06 Order The quarterly report on the Billing Efficiency achieved with effect from July, 2005 indicating the action taken in respect of the units (Circles/Divisions/Sub-divisions) where the Billing Efficiency is lower not submitted. The quarterly reports are to be submitted with effect from July, 2006.	246	Billing Efficiency achieved.
4	Clause 8.1(c) of 2005-06 Order The quarterly report on the Collection Efficiency achieved with effect from July 2005 indicating action taken in respect of units where the Collection Efficiency is lower is not submitted. The quarterly reports are to be submitted with effect from July, 2006.	248	Collection Efficiency achieved.
5	Clause 8.4(C) of 2005-06 Order A status report on the refund of interests on security deposits for the year 2005-06 not submitted before the Commission. The status report for 2005-06 is to be submitted within three months from issue of this order.	249	Done Latest status report showing discomwise / yearwise / circlewise is to be submitted.
6	Clause 11.5 of 2005-06 Order The Business plans for each of the Discoms are to be submitted by	249	Business Plan submitted.
7	Clause 11.10(a) of 2005-06 Order Report of pilot projects on Energy Auditing and Distribution losses are to be submitted by 30.09.2006.	250	Mentioned in Tariff Petition

Sl No.	Direction No. of 04-05 / 05-06 order and further Directions in No 2006-07 Order	Page No	Action
8	Clause 11.10(b) of 2005-06 Order It was directed by the Chairperson in the meeting to review the implementation of Directives of the Tariff order held on 06.09.05 that MOUs between Chairman/MD and CEO's, CEO's & EE's of respective Divisions under them, between EE's and AEE's and between AEE's and JEs will be submitted to the Commission by October 2005 and the monitoring of performance indicators of the MOUs was to be also reported to the Commission. The profit and loss accounts submitted by CEOs are also to be shared with the Commission. The above are not yet submitted/reported to the Commission which are to be submitted within three months from issue of order.	250	P& L Accounts of CEO are not submitted.
9	Clause 11.11 of 2005-06 Order Projections on future level of Distribution losses upto next 3 years are to be submitted along with next Tariff Petition.	251	Submitted with Tariff Petition.
10	Clause 11.12 of 2005-06 Order The status report of the Computerized Billing and MIS being followed by each of the Discoms is to be submitted within three months from issue of this order.	251	Computerized Billing is being done.
11	Clause 8.1 of 2004-05 Order A report on the status of meters installed at offices and premises of the Discoms are to be submitted within three months from issue of this order.	252	All premises of utilities are installed with energy meters as reported.
12	Clause 8.6 of 2004-05 Order Progress Report on action taken on Insurance Cover of Assets is to be submitted along with Tariff Petition for next Year.	252	Included in the R & M Budget of Tariff Petition.
13	Clause 8.8 of 2004-05 Order The Additional Chief Engineer (Com-Tariff), ASEB vide his petition dated 20.09.05 had 'given a activity schedule for procurement of energy meters against un metered consumers under ADB funded schemes. As per the schedule the installation, testing and	252	Being Done. Latest status report is to be submitted.

Sl No.	Direction No. of 04-05 / 05-06 order and further Directions in No 2006-07 Order	Page No	Action
	commissioning of the meters are scheduled to start from 10.05.06 and end on 10.10.07. Quarterly report on the progress of the work is to be submitted from July, 2006 onwards.		
14	Clause 8.12 of 2004-05 Order In this order, the Commission directs that each DISCOM must set up a separate Load Research Cell which will undertake load survey, consumer profiling and separation of cost more precisely as per requirements of the cost of supply model within two months of the coming into effect of this tariff Order. It is expected that the proposed Management Consultancy Cell will do the works suggested for the Load Research Cell.	253	LRC already setup.
15	Clause 8.13 of 2004-05 Order Commission staff has collected MRI downloads for few selected industries from MTI Wing of ASEB. It is directed that a brief monthly report on MRI downloads and analysis of all HT consumers on the heads as suggested in the tariff order for 2004-05 will be sent to the Commission by 25th of following month starting from July, 2006.	254	Being Done. Sample reports submitted.
16	Clause 8.18 of 2004-05 Order The expected time to be taken to build the asset register is not yet informed. The Commission desires that the asset register for all the Discoms duly completed for all assets of Discoms be completed before the submission of the next tariff petition.	254	Will be completed by September, 2007.
17	Clause 8.20 of 2004-05 Order As TOD" is an effective tool to rationalize demand, the Commission has introduced a three tier TOD charges for a few categories of consumers in 2005-06 tariff order in place of two tier TOD in 2004-05 tariff order. Commission, directs that the information on actual consumption under TOD by different consumers will be made available by the Discoms to the Commission within three months of the issue of the order so that the	255	Being Done. Reponses / objectives if nay, is to be submitted.

Sl No.	Direction No. of 04-05 / 05-06 order and further Directions in No 2006-07 Order	Page No	Action
	effectiveness of TOD charges can be assessed and the facility can be extended to other categories in the next year's tariff.		

TABLE 5.5.3.17 (B): UAEDCL

Sl. No.	SL Direction No. of 04-05/05-06 order and further Directions in 2006-07 No Order	Page No of TO	Actions Taken To Date or To be Taken
1	Clause 11.5 of 2005-06 Order Business plan has to be submitted by 30.11.2006 as the future generation and improvement/deterioration in operational efficiency will have direct impact on the Multi year tariff proposal.	238	Submitted.
2	Clause 8.1(a) of 2005-06 Order No target has been given for completion of feederwise metering and substation metering under APDRP which may be intimated within three months from issue of this order Reduction of <i>losses</i> in the three circles, namely Guwahati-II, Jorhat and Dibrugarh consequent to APDRP works may be assessed and intimated to the Commission within three months from issue of the Tariff order.	246	Feeder metering are reportedly completed.
3	Clause 8.1(b) of 2005-06 Order The quarterly report on the Billing Efficiency achieved with effect from July 2005 indicating the action taken in respect of the units (Circles/Divisions/Sub-divisions) where the Billing Efficiency is lower not submitted. The quarterly reports are to be submitted with effect from July, 2006.	246	Replied vide MD-UAEDCL letter No.MD/UAEDCL/98/2006/7 dated 16.11.2006
4	Clause 8.1(c) of 2005-06 Order The quarterly report on the Collection Efficiency achieved with effect from July 2005 indicating action taken in respect of units where the Collection Efficiency is lower is not submitted. The quarterly reports are to be submitted with effect from July, 2006.	248	Replied vide MD-UAEDCL letter No.MD/UAEDCL/98/2006/7 dated 16.11.2006

Sl. No.	SL Direction No. of 04-05/05-06 order and further Directions in 2006-07 No Order	Page No of TO	Actions Taken To Date or To be Taken
5	Clause 8.4(C) of 2005-06 Order A status report on the refund of interests on security deposits for the year 2005-06 not submitted before the Commission. The status report for 2005-06 is to be submitted within three months from issue of this order.	249	Done A status report on the refund/ adjustment yearwise is to be submitted.
6	Clause 11.5 of 2005-06 Order The Business plans for each of the Discoms are to be submitted by 30.09.2006.	250	Submitted.
7	Clause 11.10(a) of 2005-06 Order Report of pilot projects on Energy Auditing and Distribution losses are to be submitted by 30.09.2006.	250	Being done. A copy of report if any is to be submitted.
8	Clause 11.10(b) of 2005-06 Order It was directed by the Chairperson in the meeting to review the implementation of Directives of the Tariff order held on 06.09.05 that MODs between Chairman/MD and CEO's, CEO's & EE's of respective Divisions under them, between EE's and AEE's and between AEE's and JEs will be submitted to the Commission by October 2005 and the monitoring of performance indicators of the MODs was to be also reported to the Commission. The profit and loss accounts submitted by CEOs are also to be shared with the Commission. The above are not yet submitted/reported to the Commission which are to be submitted within three months from issue of this order.	250	No report is submitted on P&L Accounts of CEO.
9	Clause 11.11 of 2005-06 Order Projections on future level of Distribution losses upto next 3 years are to be submitted along with next Tariff Petition.	251	Submitted with the Tariff Petition.
10	Clause 11.12 of 2005-06 Order The status report of the Computerized Billing and MIS being followed by each of the Discoms is to be submitted within three months from issue of this order.	251	100% of Computerized billing in Jorhat and Dibrugarh Circle done. In Sibsagar and N. Lakhimpur Circle 70 % of Computerized billing done.
11	Clause 8.1 of 2004-05 Order A report on the status of meters installed at offices and premises of the Discoms are to be submitted within three months from issue of this order.	252	All premises of utilities are reportedly metered.
12	Clause 8.6 of 2004-05 Order	252	Included in R & M budget of

Sl. No.	SL Direction No. of 04-05/05-06 order and further Directions in 2006-07 No Order	Page No of TO	Actions Taken To Date or To be Taken
	Progress Report on action taken on Insurance Cover of Assets is to be submitted along with Tariff Petition for next Year.		Tariff Petition.
13	Clause 8.8 of 2004-05 Order The Additional Chief Engineer (Com-Tariff), ASEB vide his petition dated 20.09.05 had given a activity schedule for procurement of energy meters against un metered consumers under ADB funded schemes. As per the schedule the installation, testing and commissioning of the meters are scheduled to start from 10.05.06 and end on 10.10.07. Quarterly report on the progress of the work is to be submitted from July, 2006 onwards.	253	Meters have been procured. Installations are reported to be in progress.
14	Clause 8.12 of 2004-05 Order In this order, the Commission directs that each DISCOM must set up a separate Load Research Cell which will undertake load survey, consumer profiling and separation of cost more precisely as per requirements of the cost of supply model within two months of the coming into effect of this tariff Order. It is expected that the proposed Management Consultancy Cell will do the works suggested for the Load Research Cell	253	LRC already setup. Reports on sample data submitted to the commission.
15	Clause 8.13 of 2004-05 Order Commission staff has collected MRI downloads for few selected industries from MTI Wing of ASEB. It is directed that a brief monthly report on MRI downloads and analysis of all HT consumers on the heads as suggested in the tariff order for 2004-05 will be sent to the Commission by 25th of following month starting from July, 2006.	254	Being done. Some sample reports are to be submitted. No regular reporting done so far.
16	Clause 8.18 of 2004-05 Order The expected time to be taken to build the asset register is not yet informed. The Commission desires that the asset register for all the Discoms duly completed for all assets of Discoms be completed before the submission of the next tariff petition.	255	Will be completed by Sept-07.
17	Clause 8.20 of 2004-05 Order As TOD" is an effective tool to rationalize demand, the Commission has introduced a	255	Included in Tariff Petition. Some sample reports of TOD

Sl. No.	SL Direction No. of 04-05/05-06 order and further Directions in 2006-07 No Order	Page No of TO	Actions Taken To Date or To be Taken
	three tier TOD charges for a few categories of consumers in 2005-06 tariff order in place of two tier TOD in 2004-05 tariff order. Commission directs that the information on actual consumption under TOD by different consumers will be made available by the Discoms to the Commission within three months of the issue of the order so that the effectiveness of TOD charges can be assessed and the facility can be extended to other categories in the next year's tariff		consumption have been submitted.

2.5.4.4 ASEB

2.5.4.4.1 The Commission directs that both ASEB and DLF will file a report before the Commission on the status of the stations including constraints in fuel or evacuation facilities, if any, along with remedial measures within three months from issue of this order.

Report submitted vide petition dated 15.11.2006 placed in Annexure-II.

2.5.4.4.2 As per SLDC Report, the actual energy injected into the ASEB grid in F.Y 2005-06 is 2533.34 MU. So 2533.34 MU may be considered as the actual energy required in FY 2005-06. This shows that there is a discrepancy of 48.92 MU. The Commission directs the entity to submit a reconciliation of this discrepancy within one month from the date of the issue of this Tariff Order.

The provisional numbers for 05-06 are reportedly being presented to statutory auditors. Petitioners have stated that reconciliation would be presented along with final audited numbers.

2.5.4.4.3 The Commission directs the entities to complete the schemes under the Development Fund within the original or, extended date of completion, as applicable. In case the entities fail to fully implement the schemes in time, the amount by which they fall short of the approved amount of the scheme will be deducted from the ARR of next year.

This issue has been reportedly taken up by each company.

2.5.4.4.4 Further Directives of AERC in our response to their 2004-05 and 2005-06 Directives:

Reply of ASEB is given below in tabular form:

Sl No.	Commission's Directions	Page No of TO	Actions Taken To Date or To be Taken
1	Clause 11.5 of 2005-06 Order Business plan has to be submitted by 30.11.2006 as the future generation and improvement/deterioration in operational efficiency will have direct impact on the Multi year tariff proposal.	238	Business Plan for ASEB has been included in the Tariff Petition.
