

ANNEXURE – XIII

CALCULATION OF CAPITAL COST													
Sl. No.	Particulars	APGCL STATIONS					AEGCL	ASEB	DISCOMS			GRAND TOTAL	
		NTPS	LTPS	BTPS	CTPS	KLHEP			Total	LAEDCL	CAEDCL		UAEDCL
1	Gross Fixed Cost as per Unaudited A/s F.Y. 2005-06 & Petition as on 1.4.2006 allocated as per station MW capacity	173.13	155.04	310.08	77.52	0.00	584.90	0.19	302.81	236.09	247.29	786.19	2087.04
2	Capital Cost as on 01-04-2006	173.13	155.04	310.08	77.52	0.00	584.90	0.19	302.81	236.09	247.29	786.19	2087.04
3	Contribution, grants and Subsidies towards cost of capital assets as at 31/3/07	(32.57)	(29.17)	0.00	0.00	(51.66)	(201.63)	0.00	(307.25)	(307.90)	(222.13)	(837.28)	(1152.31)
4	Addition during FY 2006-07	44.33	39.70	0.00	0.00	446.45	109.30	0.00	239.83	327.36	104.87	672.06	1311.84
5	Approved Gross Capital Cost as on 01-04-2007	184.89	165.57	310.08	77.52	394.79	492.57	0.19	235.39	255.55	130.03	620.97	2246.57

Note: In AEGCL/DISCOMS F.Y 06-07 grant shown in Rev. Petition (F-A2) is 201.63, whereas the Additions are 109.30 only. The reason is to be ascertained.

Note:(1) In absence of station - wise fixed assets for the APGCL, the total fixed assets of APGCL has been allocated to the four/five generating stations in proportion of their installed capacity.

(2) KLHEP has started commercial production from 1-04-2007, hence Gross Fixed Asset is allocated to the four stations existing on 01-04-2006. APGCL GRANT: Rs. 133.40 crs are cumulative grant of/as at 31/3/07 same as at 31/3/08. Balance Sheet as at 31/3/07 not given in the Filed Petition.

ANNEXURE – XIII

CALCULATION OF EQUITY CAPITAL

Sl. No.	Particulars	STATIONS				ASEB	DISCOMS			GRAND TOTAL				
		NTPS	LTPS	BTPS	CTPS		KLHEP	Total	LAEDCL		CAEDCL	UAEDCL		
1	Approved Capital Cost as on 01-04-2007	184.89	165.57	310.08	77.52	394.79	1132.84	492.57	0.19	235.39	255.55	130.03	620.97	2246.57
2	30% of Appvd. Capital cost	55.47	49.67	93.02	23.26	118.44	339.85	147.77	0.06	70.62	76.67	39.01	186.29	673.97
3	Actual Equity as per Unaudited A/s F.Y. 2006-07 & Petition as on 1.4.2006 allocated as per station MW capacity	110.26	98.74	197.48	49.37	0.00	455.86	99.93	99.84	58.69	47.95	56.08	162.72	818.35
4	Addition of equity during FY 2006-07 as per unaudited a/cs & petition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Actual Equity Capital as on 01-04-2007.	110.26	98.74	197.48	49.37	68.11	523.97	99.93	99.84	58.69	47.95	56.08	162.72	886.46
6	Approved Equity Capital as on 01-04-2007.	55.47	49.67	93.02	23.26	68.11	289.53	99.93	0.06	58.69	47.95	39.01	145.65	535.16

NOTE: (1) Approved Equity Capital as on 01-04-2006 is the actual equity capital as on 01-04-2006 subject to a

ceiling of 30% of the Approved Capital cost.

(2) In absence of station - wise actual Equity Capital for the APGCL, the total actual Equity Capital of APGCL has been allocated to the four generating stations in proportion of their installed capacity.

(3) As on 31/3/06 Share Capital 455.86 (455.81 pending allotment), as on 31.3.07 data/B-Sheet not provided; as on 31.3.08 Share capital estimate 664.64

(4) Rs. 68.11 crs is the Equity of KHLEP as on COD Form No. 6 Page 72 of Petition

CALCULATION OF DEBT CAPITAL													
SI. No.	Particulars	STATIONS					AEGCL	ASEB	DISCOMS			GRAND TOTAL	
		NTPS	LTPS	BTPS	CTPS	KLHEP			Total	LAEDCL	CAEDCL		UAEDCL
1	Approved Gross Capital Cost as on 01-04-2007.	184.89	165.57	310.08	77.52	394.79	492.57	0.19	235.39	255.55	130.03	620.97	2246.57
2	Approved Equity Capital as on 01-04-2007.	55.47	49.67	93.02	23.26	68.11	99.93	0.06	58.69	47.95	39.01	145.65	535.16
3	Debt Capital as on 01-04-2007	129.42	115.90	217.05	54.26	326.68	392.64	0.13	176.70	207.60	91.02	475.32	1711.41
	Less: Debt Repayment (3a+3b)	140.14	125.50	240.44	60.11	0.00	485.90	0.00	233.24	191.52	174.17	598.93	1651.02
3a	Accumulated Depreciation as at 1-04-2006 (Unaudited Updated Balance Sheet)	134.24	120.22	240.44	60.11	0.00	484.98	0.00	217.41	179.16	161.59	558.16	1598.15
3b	Depreciation allowed for FY2006-07 in the Tariff Order	5.90	5.28	0.00	0.00	0.00	0.92	0.00	15.83	12.36	12.58	40.77	52.87
4	Approved Debt Capital as on 01-04-2007.	(10.72)	(9.60)	(23.38)	(5.85)	326.68	(93.26)	0.13	(56.54)	16.08	(83.15)	(123.61)	60.39
4	Approved Debt Capital as on 01-04-2007.	0.00	0.00	0.00	0.00	326.68	0.00	0.13	0.00	16.08	0.00	16.08	342.89

NOTE:-

- (1) Depreciation allowed for FY2006-07 in the Tariff Order has been considered as the Loan Repayment in FY2006-07.
- (2) In case, adjusted debt capital as on 01-04-2006 is negative, debt capital approved is 0(zero).
- (3) In absence of station - wise fixed assets for the APGCL, the total fixed assets of APGCL has been allocated to the four/FIVE generating stations in proportion of their installed capacity.

ANNEXURE – XIII

CALCULATION OF ROE

Sl. No.	Particulars	STATIONS						AEGCL	ASEB	DISCOMS			GRAND TOTAL	
		NTPS		BTPS		CTPS				KHELP		Total		
		LTPS	BTPS	CTPS	KHELP	LAEDCL	CAEDCL			UAEDCL				
1	Approved Equity Capital as on 01-04-2007.	55.47	49.67	93.02	23.26	68.11	289.53	99.93	0.06	58.69	47.95	39.01	145.65	535.16
2	Rate of ROE Allowed	7.00%	7.00%	0.00%	0.00%	14.00%	-	14.00%	0.00%	7.00%	7.00%	7.00%		
3	ROE Approved	3.88	3.48	0.00	0.00	9.54	16.89	13.99	0.00	4.11	3.36	2.73	10.20	41.08

NOTE: KHELP APPROVED DEBT CAPITAL IS TO BE FINALISED AFTER GETTING THE EQUITY CAPITAL AS ON 01/4/2007

CALCULATION OF INTEREST ON TERM LOAN (DEBT CAPITAL)

Sl. No.	Particulars	STATIONS						AEGCL	ASEB	DISCOMS			GRAND TOTAL	
		NTPS		BTPS		CTPS				KLHEP		Total		
		LTPS	BTPS	CTPS	KLHEP	LAEDCL	CAEDCL			UAEDCL				
1	Approved Debt Capital as on 01-04-2007.	0.00	0.00	0.00	0.00	326.68	326.68	0.00	0.13	0.00	16.08	0.00	16.08	342.89
2	Average Rate of Interest on Term Loan	9.90%	9.90%	0.00%	0.00%	9.90%		0.00%	9.90%	0.00%	9.90%	0.00%		
3		0.00	0.00	0.00	0.00	32.34	32.34	0.00	0.01	0.00	1.59	0.00	1.59	33.94

NOTES

- (1) No Interest on Term Loan has been allowed to BTPS and CTPS of APGCL, as both these units are under shutdown for a long time.
- (2): Additions of equity Share Capital 2006-07 is not available due to no-availability of B/s 2006-07.
- (3): - Interest on Debt Capital not given specifically provided in the Petition (page No 387 of lat yr T.O) , so for

STATION WISE DEBT CAPITAL Filed

	NTPS	LTPS	KLHEP	Rate @	Total A.D	Interest
State Govt. Loan			58.27	10.50%	58.27	6.12
Public Bonds			113.75	11.56%	113.75	13.15
PFC	12.07	10.02	125.00	7.34%	147.09	10.80
Other Loans	0.00	0.00	0.00	0.00	0.00	0.00
Total	12.07	10.82	297.02		319.11	30.06

STATION WISE INTEREST FILED

	NTPS	LTPS	KLHEP	TOTAL
State Govt. Loan	0.00	0.00	6.12	6.12
Public Bonds	0.00	0.00	13.15	13.15
PFC	0.89	0.74	9.18	10.80
Other Loans	0.00	0.00	0.00	0.00
TOTAL APPROVED INTEREST	0.89	0.74	28.44	30.06