

ANNEXURE - 24

CALCULATION OF CAPITAL COST

Sl. No.	Particulars	LTSPS	NTPS	APGCL		Total	AEGCL	ASEB	DISCOMS			GRAND TOTAL	
				BTPS	CTPS				LAEDCL	CAEDCL	UAEDCL		Total
1	Fixed Cost as per final transfer Scheme as on 01-04-2005. (Notification No. PEL.151/2003/Pt./349 dtd.16-08-2005.)	152.77	170.59	305.54	76.38	705.28	501.73	0.00	292.51	224.96	235.85	753.32	1960.34
2	Contribution, grants and Subsidies towards cost of capital assets (Notification No. PEL.151/2003/Pt./349 dtd.16-08-2005.)	2.35	2.62	4.70	1.17	10.84	0.00	0.00	25.79	25.99	26.76	78.55	89.40
3	Capital Cost as on 01-04-2005.	150.42	167.97	300.84	75.21	694.44	501.73	0.00	266.72	198.97	209.09	674.77	1870.94
4	Addition during FY2005-06 (as per 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
5	Approved Capital Cost as on 01-04-2006.	150.42	167.97	300.84	75.21	694.44	501.73	0.00	266.72	198.97	209.09	674.77	1870.94

NOTE: (1) Fixed Asset value as on 01-04-2005 as per the final transfer scheme has been considered as the Capital Cost as on 01-04-2005, after deducting Contribution, grants and Subsidies towards cost of capital assets .
(2) In absence of station - wise fixed assets for the APGCL, the total fixed assets of APGCL has been allocated to the four generating stations in proportion of their installed capacity.

ANNEXURE - 25

CALCULATION OF EQUITY CAPITAL

Sl. No.	Particulars	LTPS	NTPS	APGCL		Total	AEGCL	ASEB	DISCOMS			Total	GRAND TOTAL
				BTPS	CTPS				LAEDCL	CAEDCL	UAEDCL		
1	Approved Capital Cost as on 01-04-2006.	150.42	167.97	300.84	75.21	694.44	501.73	0.00	266.72	198.97	209.09	674.77	1870.94
2	30% of Appvd. Capital cost	45.13	50.39	90.25	22.56	208.33	150.52	0.00	80.01	59.69	62.73	202.43	561.28
3	Actual Equity as per final transfer Scheme as on 01-04-2005. (Notification No. PEL.151/2003/Pt./349 dtd.16-08-2005.)	99.80	111.45	199.61	49.90	460.76	80.55	71.54	62.34	53.26	61.53	177.13	789.97
4	Addition during FY2005-06 (as per 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
5	Actual Equity Capital as on 01-04-2006.	99.80	111.45	199.61	49.90	460.76	80.55	71.54	62.34	53.26	61.53	177.13	789.97
6	Approved Equity Capital as on 01-04-2006.	45.13	50.39	90.25	22.56	208.33	80.55	0.00	62.34	53.26	61.53	177.13	466.01

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.

ANNEXURE - 26

CALCULATION OF DEBT CAPITAL

Sl. No.	Particulars	APGCL				Total	AEGCL	ASEB	DISCOMS			Total	GRAND TOTAL
		LTPS	NTPS	BTPS	CTPS				LAEDCL	CAEDCL	UAEDCL		
1	Approved Capital Cost as on 01-04-2006.	150.42	167.97	300.84	75.21	694.44	501.73	0.00	266.72	198.97	209.09	674.77	1870.94
2	Approved Equity Capital as on 01-04-2006.	45.13	50.39	90.25	22.56	208.33	80.55	0.00	62.34	53.26	61.53	177.13	466.01
3	Debt Capital as on 01-04-2006	105.29	117.58	210.59	52.65	486.10	421.19	0.00	204.38	145.70	147.56	497.64	1404.93
	Less: Debt Repayment (3a+3b)	101.89	113.78	203.78	50.94	470.39	482.17	0.00	187.88	148.39	133.06	469.33	1421.89
3a	Accumulated Depreciation as per final transfer Scheme as on 01-04-2005. (Notification No. PEL.151/2003/Pt./349 dtd.16-08-2005.)	100.09	111.77	200.19	50.05	462.10	478.63	0.00	179.95	140.35	125.56	445.86	1386.59
3b	Depreciation allowed for FY2005-06 in the Tariff Order	1.80	2.01	3.59	0.90	8.29	3.54	0.00	7.93	8.04	7.50	23.47	35.30
4	Approved Debt Capital as on 01-04-2006.	3.40	3.80	6.81	1.70	15.71	(60.98)	0.00	16.50	(2.68)	14.50	28.31	(16.96)
4	Approved Debt Capital on 01-04-2006.	3.40	3.80	6.81	1.70	15.71	0.00	0.00	16.50	0.00	14.50	31.00	46.71

NOTE: (1) Accumulated Depreciation as on 01-04-2005 as per the final transfer scheme has been considered as the Loan Repayment as on 01-04-2005.
(2) Depreciation allowed for FY2005-06 in the Tariff Order has been considered as the Loan Repayment in FY2005-06.
(3) In case, adjusted debt capital as on 01-04-2006 is negative, debt capital approved is 0(zero).
(4) In absence of station - wise fixed assets for the APGCL, the total fixed assets of APGCL has been allocated to the four generating stations in proportion of their installed capacity.

ANNEXURE - 27

CALCULATION OF ROE

Sl. No.	Particulars	LTPS	NTPS	APGCL		Total	AEGCL	ASEB	DISCOMS			Total	GRAND TOTAL
				BTPS	CTPS				LAEDCL	CAEDCL	UAEDCL		
1	Approved Equity Capital as on 01-04-2006.	45.13	50.39	90.25	22.56	208.33	80.55	0.00	62.34	53.26	61.53	177.13	466.01
2	Rate of ROE Allowed	7.00%	7.00%	0.00%	0.00%		7.00%	0.00%	3.00%	3.00%	3.00%		
3	ROE Approved	3.16	3.53	0.00	0.00	6.69	5.64	0.00	1.87	1.60	1.85	5.31	17.64

NOTE: (1) APGCL:

(a) Though the PLF of LTPS and NTPS is below the approved PLR of 50%, in view of the improvement in PLF over the last 2(two) years and cash requirement, the Commission decides to allow 7% ROE.

(b) The Commission decides NOT to allow any ROE to BTPS and CTPS, as these power stations are not running.

(2) AEGCL: On account of comparatively improved performances shown over the last two years, the Commission decides to allow 7% ROE to AEGCL.

(3) DISCOMS: On account of poor performance of the utilities the commission decides to allow only 3% ROE.

CALCULATION OF INTEREST ON TERM LOAN (DEBT CAPITAL)

Sl. No.	Particulars	LTPS	NTPS	APGCL		Total	AEGCL	ASEB	DISCOMS			Total	GRAND TOTAL
				BTPS	CTPS				LAEDCL	CAEDCL	UAEDCL		
1	Approved Debt Capital as on 01-04-2006.	as 3.40	3.80	6.81	1.70	15.71	0.00	0.00	16.50	0.00	14.50	31.00	46.71
2	Average Rate of Interest	9.99%	9.99%	0.00%	0.00%	9.99%	10.61%	0.00%	10.73%	10.74%	10.81%		
3	Interest on Term Loan	0.34	0.38	0.00	0.00	0.72	0.00	0.00	1.77	0.00	1.57	3.34	4.06

NOTE: (1) For calculation of Average Rate of Interest for FY2006-07, Annex. No. xxx may be seen.

(2) No Interest on Term Loan has been allowed to BTPS and CTPS of APGCL, as both these units are under shutdown for a lon time.