

**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Coram:

1. **Shri Ashok Basu, Chairperson**
2. **Shri Bhanu Bhushan, Member**

**I.A.No. 8/2007 in
Petition No.133/2005**

In the matter of

Approval of transmission charges for strengthening of 220 kV transmission system under System Improvement Scheme in Uttar Pradesh in Northern Region for the period from 1.4.2004 to 31.3.2009.

And in the matter of

Power Grid Corporation of India Limited
Vs

..Petitioner

Uttar Pradesh Power Corporation Limited, Lucknow

Respondent

ORDER

The Commission by its order dated 9.5.2006 had allowed tariff for strengthening scheme of 220 kV transmission system under System Improvement Scheme in Uttar Pradesh in Northern Region for the period from 1.4.2004 to 31.3.2009, comprising the following elements, namely:-

- (a) 220 kV Allahabad-Rewa Road D/C transmission line Ckt- I;
- (b) 220 kV Allahabad-Rewa Road D/C transmission line Ckt- II;
- (c) LILO of 220 kV Modipuram-Nara transmission line; and
- (d) LILO of 220 kV Modipuram-Simbholi transmission line.

2. The tariff in respect of 220 kV Allahabad-Rewa Road D/C transmission line Ckt- II was revised by order dated 19.9.2006, to correct a discrepancy regarding computation of interest on loan.

3. The Commission in its said order dated 9.5.2006, had not considered additional capitalization during 2004-05 claimed by the petitioner though the expenditure was found to be admissible. The tariff for the block years 2004-09 was worked out on the

basis of gross block as on 1.4.2004 since by that time the petitioner had not furnished the details of loan reconciliation for the year 2004-05. The petitioner was granted liberty to approach the Commission for revision of tariff for period 2004-09 in accordance with law based on additional capital expenditure incurred during 2004-05, after it had furnished the loan reconciliation statement for year 2004-05.

4. Through this interlocutory application, petitioner has prayed for revision of tariff based on additional capitalization incurred during 2004-05 in respect of three assets, except 200 kV Allahabad-Rewa Road D/C transmission line ckt- I, after filing of the loan reconciliation statement for the year 2004-05.

CAPITAL COST

5. The petitioner has claimed the capital expenditure after accounting for additional capitalization for the period from 1.4.2004 to 31.3.2005 over the capital expenditure considered in the order dated 9.5.2006. The capital expenditure already approved and to be considered, for the purpose of revision of tariff is given hereunder:

Name of the Element	(Rs in lakh)		
	Gross Block as on 31.3.2004	Additional Capital Expenditure from 1.4.2004 to 31.3.2005	Total
220 kV Allahabad-Rewa Road D/C transmission line Ckt- II	49.65	0.81	50.46
LILO of 220 kV Modipuram-Nara transmission line	106.06	1.07	107.13
LILO of 220 kV Modipuram-Simholi transmission line	282.56	1.05	283.61

DEBT- EQUITY RATIO

6. We have considered debt-equity ratio as per the order dated 9.5.2006, as the base. The additional capitalisation on works for the year 2004-05 has been segregated into debt and equity in the normative ratio of 70:30 in accordance with Note 1 below Regulation 53. Therefore, debt-equity ratio and equity considered for the purpose of tariff in each case are as under:

Name of the transmission assets	Debt-equity ratio		Equity (Rs. in lakh)	
	As on 1.4.2004	As on 1.4.2005	As on 1.4.2004	As on 1.4.2005
220 kV Allahabad-Rewa Road D/C transmission line Ckt- II	70.49:29.51	70.49:29.51	14.65	14.89
LILO of 220 kV Modipuram-Nara transmission line	71.66:28.34	71.64:28.36	30.06	30.38
LILO of 220 kV Modipuram-Simbholi transmission line	70:30	70:30	84.77	85.08

RETURN ON EQUITY

7. For the purpose of return on equity, equity as given in the table under preceding para has been considered. However, return on equity for the year 2004-05 has been allowed on average equity in each case. Accordingly, return on equity allowed each year during the tariff period is given hereunder:

(Rs. in lakh)

Name of the transmission assets	Return in Equity	
	2004-05	2005-06 to 2008-09
220 kV Allahabad-Rewa Road D/C transmission line Ckt- II	2.07	2.09
LILO of 220 kV Modipuram-Nara transmission line	4.23	4.25
LILO of 220 kV Modipuram-Simbholi transmission line	11.89	11.91

INTEREST ON LOAN

8. Based on the revised capital cost, the year-wise details of interest on loan worked out are given hereunder:

220 kV Allahabad-Rewa Road D/C transmission line Ckt- II

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Gross Loan as per last Order	35.00				
Addition due to Additional Capitalisation	0.00				
Gross Normative Loan	35.00	35.57	35.57	35.57	35.57
Cumulative Repayment up to Previous Year	0.00	1.30	2.62	5.44	8.26
Net Loan-Opening	35.00	34.27	32.94	30.12	27.30
Addition due to additional capitalization	0.57				
Repayment during the year	1.30	1.32	2.82	2.82	2.82
Net Loan-Closing	34.27	32.94	30.12	27.30	24.49
Average Loan	34.63	33.60	31.53	28.71	25.89
Weighted Average Rate of Interest on Loan	8.9663%	8.9566%	8.9457%	8.9436%	8.9412%
Interest	3.11	3.01	2.82	2.57	2.32

LILO of 220 kV Modipuram-Nara transmission line

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Gross Loan as per last Order	76.00				
Addition due to Additional Capitalisation	0.00				

Gross Normative Loan	76.00	76.75	76.75	76.75	76.75
Cumulative Repayment up to Previous Year	0.00	2.76	6.19	12.39	18.60
Net Loan-Opening	76.00	73.99	70.56	64.35	58.15
Addition due to additional capitalization	0.75				
Repayment during the year	2.76	3.43	6.21	6.21	6.21
Net Loan-Closing	73.99	70.56	64.35	58.15	51.94
Average Loan	75.00	72.28	67.46	61.25	55.04
Weighted Average Rate of Interest on Loan	9.2275%	9.2142%	9.2008%	9.1979%	9.1943%
Interest	6.92	6.66	6.21	5.63	5.06

LILO of 220 kV Modipuram-Simbholi transmission line

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Gross Loan as per last Order	195.00				
Addition due to Additional Capitalisation	2.79				
Gross Normative Loan	197.79	198.53	198.53	198.53	198.53
Cumulative Repayment up to Previous Year	0.00	7.29	18.15	34.19	50.23
Net Loan-Opening	197.79	191.23	180.38	164.34	148.30
Addition due to additional capitalization	0.74				
Repayment during the year	7.29	10.86	16.04	16.04	16.04
Net Loan-Closing	191.23	180.38	164.34	148.30	132.26
Average Loan	194.51	185.81	172.36	156.32	140.28
Weighted Average Rate of Interest on Loan	9.3672%	9.3553%	9.3432%	9.3406%	9.3374%
Interest	18.22	17.38	16.10	14.60	13.10

9. The necessary details in support of computation of interest on loan are contained in Annexure I attached.

DEPRECIATION

10. Based on the revised capital cost, the year-wise details of depreciation worked out are given hereunder:

220 kV Allahabad-Rewa Road D/C transmission line Ckt- II

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
As per last order	49.65				
Additional Capitalisation	0.81				
Addition during 2001-04 due to FERV	0.00				
Gross Block	50.46	50.46	50.46	50.46	50.46
Rate of Depreciation	2.5978%	2.6251%	2.6251%	2.6251%	2.6251%
Depreciable Value	44.69	45.41	45.41	45.41	45.41
Balance Useful life of the asset	-	-	-	-	-
Remaining Depreciable Value	43.83	43.26	41.94	39.97	37.15
Depreciation	1.30	1.32	1.32	1.32	1.32

LILO of 220 kV Modipuram-Nara transmission line

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
As per last order	106.06				
Additional Capitalisation	1.07				

Addition during 2001-04 due to FERV	0.00				
Gross Block	107.13	107.13	107.13	107.13	107.13
Rate of Depreciation	2.5869%	2.6036%	2.6036%	2.6036%	2.6036%
Depreciable Value	95.45	96.42	96.42	96.42	96.42
Balance Useful life of the asset	-	-	-	-	-
Remaining Depreciable Value	92.87	91.08	88.29	84.02	77.82
Depreciation	2.76	2.79	2.79	2.79	2.79

LILO of 220 kV Modipuram-Simholi transmission line

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
As per last order	282.56				
Additional Capitalisation	1.05				
Addition during 2001-04 due to FERV	0.00				
Gross Block	283.61	283.61	283.61	283.61	283.61
Rate of Depreciation	2.5764%	2.5827%	2.5827%	2.5827%	2.5827%
Depreciable Value	254.30	255.25	255.25	255.25	255.25
Balance Useful life of the asset	-	-	-	-	-
Remaining Depreciable Value	249.20	242.86	235.53	221.06	205.02
Depreciation	7.29	7.32	7.32	7.32	7.32

ADVANCE AGAINST DEPRECIATION

11. The petitioner's entitlement to Advance Against Depreciation has also been revised and the relevant details are reproduced hereunder:

220 kV Allahabad-Rewa Road D/C transmission line Ckt- II

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
1/10th of Gross Loan(s)	3.50	3.56	3.56	3.56	3.56
Repayment of the Loan	1.30	1.32	2.82	2.82	2.82
Minimum of the above	1.30	1.32	2.82	2.82	2.82
Depreciation during the year	1.30	1.32	1.32	1.32	1.32
(A) Difference	0.00	0.00	1.49	1.49	1.49
Cumulative Repayment of the Loan	1.30	2.62	5.44	8.26	11.08
Cumulative Depreciation/ Advance against Depreciation	2.15	3.48	4.80	6.77	9.59
(B) Difference	(-0.85)	(-0.85)	0.64	1.49	1.49
Advance Against Depreciation	0.00	0.00	0.64	1.49	1.49
Minimum of (A) and (B)					

LILO of 220 kV Modipuram-Nara transmission line

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
1/10th of Gross Loan(s)	7.60	7.67	7.67	7.67	7.67
Repayment of the Loan	2.76	3.43	6.21	6.21	6.21
Minimum of the above	2.76	3.43	6.21	6.21	6.21
Depreciation during the year	2.76	2.79	2.79	2.79	2.79
(A) Difference	0.00	0.64	3.42	3.42	3.42
Cumulative Repayment of the Loan	2.76	6.19	12.39	18.60	24.81
Cumulative Depreciation/ Advance against Depreciation	5.34	8.13	10.92	15.18	21.39
(B) Difference	(-2.58)	(-1.94)	1.48	3.42	3.42
Advance Against Depreciation	0.00	0.00	1.48	3.42	3.42
Minimum of (A) and (B)					

LILO of 220 kV Modipuram-Simbholi transmission line

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
1/10th of Gross Loan(s)	19.78	19.85	19.85	19.85	19.85
Repayment of the Loan	7.29	10.86	16.04	16.04	16.04
Minimum of the above	7.29	10.86	16.04	16.04	16.04
Depreciation during the year	7.29	7.32	7.32	7.32	7.32
(A) Difference	0.00	3.53	8.71	8.71	8.72
Cumulative Repayment of the Loan	7.29	18.15	34.19	50.23	66.27
Cumulative Depreciation/ Advance against Depreciation	12.39	19.72	27.04	41.51	57.55
(B) Difference	(-)5.10	(-)1.57	7.15	8.71	8.72
Advance Against Depreciation Minimum of (A) and (B)	0.00	0.00	7.15	8.71	8.72

OPERATION & MAINTENANCE EXPENSES

12. There is no change in O & M expenses approved under order dated 9.5.2006.

INTEREST ON WORKING CAPITAL

13. The revised computations in support of interest on working capital consequent to increase in return on equity, interest on loan and depreciation are appended hereinbelow.

220 kV Allahabad-Rewa Road D/C transmission line Ckt- II

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Maintenance Spares	0.52	0.55	0.58	0.61	0.65
O & M expenses	0.06	0.06	0.06	0.06	0.07
Receivables	1.22	1.22	1.30	1.41	1.37
Total	1.79	1.82	1.94	2.08	2.09
Interest	0.18	0.19	0.20	0.21	0.21

LILO of 220 kV Modipuram-Nara transmission line

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Maintenance Spares	1.06	1.13	1.19	1.27	1.34
O & M expenses	0.09	0.10	0.10	0.10	0.11
Receivables	2.56	2.54	2.72	2.96	2.88
Total	3.72	3.76	4.02	4.33	4.33
Interest	0.38	0.39	0.41	0.44	0.44

LILO of 220 kV Modipuram-Simbholi transmission line

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Maintenance Spares	2.76	2.93	3.11	3.29	3.49
O & M expenses	0.35	0.37	0.38	0.40	0.42
Receivables	7.12	7.02	8.04	8.09	7.87
Total	10.24	10.31	11.53	11.78	11.78
Interest	1.05	1.06	1.18	1.21	1.21

TRANSMISSION CHARGES

14. A summary sheet showing revised basic details of capital cost and other related aspects is annexed as Annexure II to this order. The revised transmission charges being allowed for the transmission assets in suppression of the transmission charges approved under order dated 9.5.2006 and 19.9.2006 (in case of 220 kV Allahabad-Rewa Road D/C transmission line Ckt- I) are summarised below.

220 kV Allahabad-Rewa Road D/C transmission line Ckt- II

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Depreciation	1.30	1.32	1.32	1.32	1.32
Interest on Loan	3.11	3.01	2.82	2.57	2.32
Return on Equity	2.07	2.09	2.09	2.09	2.09
Advance Against Depreciation	0.00	0.00	0.64	1.49	1.49
Interest on Working Capital	0.18	0.19	0.20	0.21	0.21
O&M Expenses	0.67	0.70	0.73	0.75	0.79
Total	7.33	7.31	7.80	8.44	8.22

LILO of 220 kV Modipuram-Nara transmission line

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Depreciation	2.76	2.79	2.79	2.79	2.79
Interest on Loan	6.92	6.66	6.21	5.63	5.06
Return on Equity	4.23	4.25	4.25	4.25	4.25
Advance Against Depreciation	0.00	0.00	1.48	3.42	3.42
Interest on Working Capital	0.38	0.39	0.41	0.44	0.44
O&M Expenses	1.10	1.14	1.19	1.23	1.29
Total	15.39	15.23	16.33	17.77	17.25

LILO of 220 kV Modipuram-Simbholi transmission line

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Depreciation	7.29	7.32	7.32	7.32	7.32
Interest on Loan	18.22	17.38	16.10	14.60	13.10
Return on Equity	11.89	11.91	11.91	11.91	11.91
Advance Against Depreciation	0.00	0.00	7.15	8.71	8.72
Interest on Working Capital	1.05	1.06	1.18	1.21	1.21
O&M Expenses	4.25	4.42	4.60	4.77	4.98
Total	42.70	42.10	48.27	48.53	47.24

15. In all other respects including the tariff in respect of 220 kV Allahabad-Rewa Road D/C transmission line Ckt- I, the order dated 9.5.2006 shall continue to apply.

16. This order disposes of I.A.No.8/2007.

sd/

(BHANU BHUSHAN)
MEMBER

New Delhi dated the 9th March 2007

sd/

(ASHOK BASU)
CHAIRPERSON

Annexure I

CALCULATION OF WEIGHTED AVERAGE RATE OF INTEREST ON LOAN

220 kV Allahabad-Rewa Road D/C transmission line Ckt- II

(Rs. in lakh)

	Details of Loan	2004-05	2005-06	2006-07	2007-08	2008-09
1	Bond XIII (Option-I)					
	Net Loan-Opening	24.00	24.00	24.00	22.00	20.00
	Repayment during the year	0.00	0.00	2.00	2.00	2.00
	Net Loan-Closing	24.00	24.00	22.00	20.00	18.00
	Average Loan	24.00	24.00	23.00	21.00	19.00
	Rate of Interest	8.63%	8.63%	8.63%	8.63%	8.63%
	Interest	2.07	2.07	1.98	1.81	1.64
	Rep Schedule	12 Annual Instalments from 31.7.2006				
2	Bond-XII					
	Net Loan-Opening	11.00	11.00	10.08	9.17	8.25
	Repayment during the year	0.00	0.92	0.92	0.92	0.92
	Net Loan-Closing	11.00	10.08	9.17	8.25	7.33
	Average Loan	11.00	10.54	9.63	8.71	7.79
	Rate of Interest	9.70%	9.70%	9.70%	9.70%	9.70%
	Interest	1.07	1.02	0.93	0.84	0.76
	Rep Schedule	12 Annual Instalments from 28.3.2006				
	Total Loan					
	Net Loan-Opening	35.00	35.00	34.08	31.17	28.25
	Repayment during the year	0.00	0.92	2.92	2.92	2.92
	Net Loan-Closing	35.00	34.08	31.17	28.25	25.33
	Average Loan	35.00	34.54	32.63	29.71	26.79
	Rate of Interest	8.9663%	8.9566%	8.9457%	8.9436%	8.9412%
	Interest	3.14	3.09	2.92	2.66	2.40

LILO of 220 kV Modipuram-Nara transmission line

(Rs. in lakh)

	Details of Loan	2004-05	2005-06	2006-07	2007-08	2008-09
1	Bond-X					
	Net Loan-Opening	3.00	2.75	2.50	2.25	2.00
	Repayment during the year	0.25	0.25	0.25	0.25	0.25
	Net Loan-Closing	2.75	2.50	2.25	2.00	1.75
	Average Loan	2.88	2.63	2.38	2.13	1.88
	Rate of Interest	10.90%	10.90%	10.90%	10.90%	10.90%
	Interest	0.31	0.29	0.26	0.23	0.20
	Rep Schedule	12 Annual Instalments from 21.6.2004				
2	Bond-XI Option I					
	Net Loan-Opening	3.00	3.00	2.75	2.50	2.25
	Repayment during the year	0.00	0.25	0.25	0.25	0.25
	Net Loan-Closing	3.00	2.75	2.50	2.25	2.00
	Average Loan	3.00	2.88	2.63	2.38	2.13
	Rate of Interest	9.80%	9.80%	9.80%	9.80%	9.80%
	Interest	0.29	0.28	0.26	0.23	0.21
	Rep Schedule	12 Annual Instalments from 7.12.2005				
3	Bond XIII (Option-I)					
	Net Loan-Opening	34.00	34.00	34.00	31.17	28.33

	Repayment during the year	0.00	0.00	2.83	2.83	2.83
	Net Loan-Closing	34.00	34.00	31.17	28.33	25.50
	Average Loan	34.00	34.00	32.58	29.75	26.92
	Rate of Interest	8.63%	8.63%	8.63%	8.63%	8.63%
	Interest	2.93	2.93	2.81	2.57	2.32
	Rep Schedule	12 Annual Instalments from 31.7.2006				
4	PNB-II					
	Net Loan-Opening	2.00	1.83	1.67	1.50	1.33
	Repayment during the year	0.17	0.17	0.17	0.17	0.17
	Net Loan-Closing	1.83	1.67	1.50	1.33	1.17
	Average Loan	1.92	1.75	1.58	1.42	1.25
	Rate of Interest	8.60%	8.60%	8.60%	8.60%	8.60%
	Interest	0.16	0.15	0.14	0.12	0.11
	Rep Schedule	12 Annual Instalments from 8.3.2005				
5	OBC					
	Net Loan-Opening	1.00	0.92	0.83	0.75	0.67
	Repayment during the year	0.08	0.08	0.08	0.08	0.08
	Net Loan-Closing	0.92	0.83	0.75	0.67	0.58
	Average Loan	0.96	0.88	0.79	0.71	0.63
	Rate of Interest	8.60%	8.60%	8.60%	8.60%	8.60%
	Interest	0.08	0.08	0.07	0.06	0.05
	Rep Schedule	12 Annual Instalments from 22.3.2005				
6	Bond-XII					
	Net Loan-Opening	33.00	33.00	30.25	27.50	24.75
	Repayment during the year	0.00	2.75	2.75	2.75	2.75
	Net Loan-Closing	33.00	30.25	27.50	24.75	22.00
	Average Loan	33.00	31.63	28.88	26.13	23.38
	Rate of Interest	9.70%	9.70%	9.70%	9.70%	9.70%
	Interest	3.20	3.07	2.80	2.53	2.27
	Rep Schedule	12 Annual Instalments from 28.3.2006				
	Total Loan					
	Net Loan-Opening	76.00	75.50	72.00	65.67	59.33
	Repayment during the year	0.50	3.50	6.33	6.33	6.33
	Net Loan-Closing	75.50	72.00	65.67	59.33	53.00
	Average Loan	75.75	73.75	68.83	62.50	56.17
	Rate of Interest	9.2275%	9.2142%	9.2008%	9.1979%	9.1943%
	Interest	6.99	6.80	6.33	5.75	5.16

LILO of 220 kV Modipuram-Simbholi transmission line

(Rs. in lakh)

	Details of Loan	2004-05	2005-06	2006-07	2007-08	2008-09
1	Bond-X					
	Net Loan-Opening	8.00	7.33	6.67	6.00	5.33
	Repayment during the year	0.67	0.67	0.67	0.67	0.67
	Net Loan-Closing	7.33	6.67	6.00	5.33	4.67
	Average Loan	7.67	7.00	6.33	5.67	5.00
	Rate of Interest	10.90%	10.90%	10.90%	10.90%	10.90%
	Interest	0.84	0.76	0.69	0.62	0.55
	Rep Schedule	12 Annual Instalments from 21.6.2004				
2	Bond-XI Option I					
	Net Loan-Opening	9.00	9.00	8.25	7.50	6.75
	Repayment during the year	0.00	0.75	0.75	0.75	0.75
	Net Loan-Closing	9.00	8.25	7.50	6.75	6.00
	Average Loan	9.00	8.63	7.88	7.13	6.38

	Rate of Interest	9.80%	9.80%	9.80%	9.80%	9.80%
	Interest	0.88	0.85	0.77	0.70	0.62
	Rep Schedule	12 Annual Instalments from 7.12.2005				
3	Bond XIII (Option-I)					
	Net Loan-Opening	63.00	63.00	63.00	57.75	52.50
	Repayment during the year	0.00	0.00	5.25	5.25	5.25
	Net Loan-Closing	63.00	63.00	57.75	52.50	47.25
	Average Loan	63.00	63.00	60.38	55.13	49.88
	Rate of Interest	8.63%	8.63%	8.63%	8.63%	8.63%
	Interest	5.44	5.44	5.21	4.76	4.30
	Rep Schedule	12 Annual Instalments from 31.7.2006				
4	PNB-II					
	Net Loan-Opening	3.00	2.75	2.50	2.25	2.00
	Repayment during the year	0.25	0.25	0.25	0.25	0.25
	Net Loan-Closing	2.75	2.50	2.25	2.00	1.75
	Average Loan	2.88	2.63	2.38	2.13	1.88
	Rate of Interest	8.60%	8.60%	8.60%	8.60%	8.60%
	Interest	0.25	0.23	0.20	0.18	0.16
	Rep Schedule	12 Annual Instalments from 8.3.2005				
5	OBC					
	Net Loan-Opening	4.00	3.67	3.33	3.00	2.67
	Repayment during the year	0.33	0.33	0.33	0.33	0.33
	Net Loan-Closing	3.67	3.33	3.00	2.67	2.33
	Average Loan	3.83	3.50	3.17	2.83	2.50
	Rate of Interest	8.60%	8.60%	8.60%	8.60%	8.60%
	Interest	0.33	0.30	0.27	0.24	0.22
	Rep Schedule	12 Annual Instalments from 22.3.2005				
6	Bond-XII					
	Net Loan-Opening	108.00	108.00	99.00	90.00	81.00
	Repayment during the year	0.00	9.00	9.00	9.00	9.00
	Net Loan-Closing	108.00	99.00	90.00	81.00	72.00
	Average Loan	108.00	103.50	94.50	85.50	76.50
	Rate of Interest	9.70%	9.70%	9.70%	9.70%	9.70%
	Interest	10.48	10.04	9.17	8.29	7.42
	Rep Schedule	12 Annual Instalments from 28.3.2006				
	Total Loan					
	Net Loan-Opening	195.00	193.75	182.75	166.50	150.25
	Repayment during the year	1.25	11.00	16.25	16.25	16.25
	Net Loan-Closing	193.75	182.75	166.50	150.25	134.00
	Average Loan	194.38	188.25	174.63	158.38	142.13
	Rate of Interest	9.3672%	9.3553%	9.3432%	9.3406%	9.3374%
	Interest	18.21	17.61	16.32	14.79	13.27

Annexure II

Summary Sheet

Name of the Company:	PGCIL	
Name of the Element:	Allahabad Rewa Road 220 kV D/C Ckt.II	
Actual DOCO:	1.8.2003	
Petition No.:	133/2005	
Tariff setting Period:	2004-09	
(Rs.in lakh)		
1	Capital Cost of the Project as on DOCO	49.65
2	Additional Capitalization during 2003-04	0.00
3	Admitted Capital Cost as on 1.4.2004 (1+2)	49.65
4	Additional Capitalization during 2004-09	0.81

	For the year 2004-05				0.81	
	Total				0.81	
5	Admitted Capital Cost as on 1.4.2005(3+4)					50.46
6	Means of Finance :					
		As on 1-4-2004		As on 1-4-2005		
	Debt	70.49%	35.00	70.49%	35.57	
	Equity	29.51%	14.65	29.51%	14.89	
	Total	100.00%	49.65	100.00%	50.46	
7	Gross Loan					
	As on 1.4.2004	35.00	As on 1.4.2005		35.57	
8	Cumulative Repayment up to 31.3.2009 :					11.08
	Repaid up to 31.3.2004				0.00	
	1.4.2004 to 31.3.2005				1.30	
	1.4.2005 to 31.3.2009				9.78	
	Total				11.08	
9	Balance Loan to be repaid beyond 31.3.2009 :					24.49
10	Depreciation recovered up to 31.3.2009 :					11.08
		Dep		AAD	Total	
	Recovered up to 31.3.2004	0.85		0.00	0.85	
	1.4.2004 to 31.3.2005	1.30		0.00	1.30	
	1.4.2005 to 31.3.2009	5.30		3.63	8.93	
	Total				11.08	
11	Balance Depreciation to be recovered beyond 31.3.2009 :					34.33
	Capital cost for the purpose of Depreciation				49.65	
	ACE during 2003-04				0.00	
	Capital cost as 1.4.2004				49.65	
	ACE during 2004-05				0.81	
	Capital cost as 1.4.2005				50.46	
	Less: Land Cost				0.00	
					50.46	
	90% of Capital Cost as above				45.41	
	Cum. Depreciation to be recovered up to 31.3.2009				11.08	
	Balance Depreciation to be recovered beyond 31.3.2009				34.33	

Summary Sheet					
-	PGCIL				
Name of the Element:	LILO of Modipuram-Nara 220 kV Line				
Actual DOCO:	1.4.2003				
Petition No.:	133/2005				
Tariff setting Period:	2004-09				
(Rs.in lakh)					
1	Capital Cost of the Project as on DOCO				100.31
2	Additional Capitalization during 2003-04				5.75
3	Admitted Capital Cost as on 1.4.2004 (1+2)				106.06
4	Additional Capitalization during 2004-09				1.07
	For the year 2004-05			1.07	
	Total			1.07	
5	Admitted Capital Cost as on 1.4.2005(3+4)				107.13
6	Means of Finance :				
		As on 1-4-2004		As on 1-4-2005	
	Debt	71.66%	76.00	71.64%	76.75
	Equity	28.34%	30.06	28.36%	30.38
	Total	100.00%	106.06	100.00%	107.13

7	Gross Loan						
	As on 1.4.2004	76.00	As on 1.4.2005			76.75	
8	Cumulative Repayment up to 31.3.2009 :						24.81
	Repaid up to 31.3.2004					0.00	
	1.4.2004 to 31.3.2005					2.76	
	1.4.2005 to 31.3.2009					22.05	
	Total					24.81	
9	Balance Loan to be repaid beyond 31.3.2009 :						51.94
10	Depreciation recovered up to 31.3.2009 :						24.81
		Dep			AAD	Total	
	Recovered up to 31.3.2004	2.58			0.00	2.58	
	1.4.2004 to 31.3.2005	2.76			0.00	2.76	
	1.4.2005 to 31.3.2009	11.16			8.31	19.47	
	Total					24.81	
11	Balance Depreciation to be recovered beyond 31.3.2009 :						71.61
	Capital cost for the purpose of Depreciation					100.31	
	ACE during 2003-04					5.75	
	Capital cost as 1.4.2004					106.06	
	ACE during 2004-05					1.07	
	Capital cost as 1.4.2005					107.13	
	Less: Land Cost					0.00	
						107.13	
	90% of Capital Cost as above					96.42	
	Cum. Depreciation to be recovered up to 31.3.2009					24.81	
	Balance Depreciation to be recovered beyond 31.3.2009					71.61	

Summary Sheet							
Name of the Company:			PGCIL				
Name of the Element:			LILO of Modiipuram-Simbholi 220 kV Line				
Actual DOCO:			1.7.2003				
Petition No.:			133/2005				
Tariff setting Period:			2004-09				
(Rs. in lakh)							
1	Capital Cost of the Project as on DOCO					264.53	
2	Additional Capitalization during 2003-04					18.03	
3	Admitted Capital Cost as on 1.4.2004 (1+2)					282.56	
4	Additional Capitalization during 2004-09					1.05	
	For the year 2004-05					1.05	
	Total					1.05	
5	Admitted Capital Cost as on 1.4.2005(3+4)					283.61	
6	Means of Finance :						
		As on 1-4-2004			As on 1-4-2005		
	Debt	70.00%	197.79	70.00%	198.53		
	Equity	30.00%	84.77	30.00%	85.08		
	Total	100.00%	282.56	100.00%	283.61		
7	Gross Loan						
	As on 1.4.2004	197.79	As on 1.4.2005			198.53	
8	Cumulative Repayment up to 31.3.2009 :						66.27
	Repaid up to 31.3.2004					0.00	
	1.4.2004 to 31.3.2005					7.29	
	1.4.2005 to 31.3.2009					58.98	
	Total					66.27	
9	Balance Loan to be repaid beyond 31.3.2009 :						132.26
10	Depreciation recovered up to 31.3.2009 :						66.27
		Dep			AAD	Total	

	Recovered up to 31.3.2004	5.10			0.00	5.10		
	1.4.2004 to 31.3.2005	7.29			0.00	7.29		
	1.4.2005 to 31.3.2009	29.30			24.58	53.88		
	Total					66.27		
11	Balance Depreciation to be recovered beyond 31.3.2009 :						188.98	
	Capital cost for the purpose of Depreciation					264.53		
	ACE during 2003-04					18.03		
	Capital cost as 1.4.2004					282.56		
	ACE during 2004-05					1.05		
	Capital cost as 1.4.2005					283.61		
	Less: Land Cost					0.00		
						283.61		
	90% of Capital Cost as above					255.25		
	Cum. Depreciation to be recovered up to 31.3.2009					66.27		
	Balance Depreciation to be recovered beyond 31.3.2009					188.98		