CENTRAL ELECTRICITY REGULATORY COMMISSION NEW DELHI

Coram:

- 1. Dr. Pramod Deo, Chairperson
- 2. Shri R.Krishnamoorthy, Member
- 3. Shri S.Jayaraman, Member
- 4. Shri V.S.Verma, Member

Petition No. 61/2009

In the matter of

Determination of revised transmission tariff due to additional capitalization incurred during 2004-05, 2005-06 and 2007-08 for 400 kV S/C Jameshedpur-Rourkela (Ckt-II) transmission line along with its associated bays in Eastern Region for the period from 1.4.2004 to 31.3.2009.

And in the matter of

Power Grid Corporation of India Ltd., Gurgaon **Petitioner** Vs

- 1. Bihar State Electricity Board, Patna
- 2. West Bengal State Electricity Board, Calcutta
- 3. Grid Corporation of Orissa Ltd., Bhubaneswar
- 4. Damodar Valley Corporation, Calcutta
- 5. Power Department, Govt. of Sikkim, Gangtok
- 6. Jharkhand State Electricity Board, Ranchi Respondents

The following were present:

- 1. Shri U.K.Tyagi, PGCIL
- 2. Shri B.C.Pant, PGCIL
- 3. Shri R.B.Sharma, Advocate, BSEB

ORDER (DATE OF HEARING: 16.6.2009)

This petition has been filed for revision of transmission tariff for additional capital expenditure incurred during 2004-05, 2005-06 and 2007-08 for 400 kV S/C Jameshedpur-Rourkela (Ckt-II) transmission line (hereinafter referred to as "the transmission line") along with its associated bays in Eastern Region for the period from 1.4.2004 to 31.3.2009, based on the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2004, (hereinafter referred to as "the 2004 regulations"). The petitioner has also prayed

for reimbursement of the petition filing fee and other expenditure .in connection with the filing of the petition.

- 2. The investment approval for the transmission line was accorded by Board of Directors of the petitioner company under its letter dated 11.10.2000 at an estimated cost of Rs. 7540.00 lakh, including IDC of Rs. 861.00 lakh. The transmission line was declared under commercial operation 1.1.2003.
- 3. The transmission charges for the transmission line were approved by the Commission in its order dated 4.5.2006 in Petition No. 67/2005 for the period 1.4.2004 to 31.3.2009 including additional capitalization up to 31.3.2004 based on capital cost of Rs. 5115.02 lakh. The summary of the transmission charges approved by the said order dated 4.5.2006 is extracted hereunder:

(Rs.in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Depreciation	143.66	143.66	143.66	143.66	143.66
Interest on Loan	394.79	370.88	339.52	304.93	270.34
Return on Equity	128.52	128.52	128.52	128.52	128.52
Advance against Depreciation	0.00	60.78	210.80	210.80	210.80
Interest on Working Capital	1 9.46	20.51	2 3.01	2 2.87	22.75
O & M Expenses	113.87	118.43	123.24	128.04	133.28
Total	800.33	842.81	968.78	938.84	909.38

4. The relevant details of the approved cost, completion cost etc. of the transmission assets claimed by the petitioner are as under:

							(Rs.in lakh)	
Capital	Additional	Capital	Additional	Capital expenditure	Additional	Capital	Balance	Estimated
expenditure	Capitalization	expenditure	Capitalization	as on 1.4.2006 and	Capitalization	expenditure	estimated	completion
up to	during 2004-	as on	during 2005-06	1.4.2007	during 2007-	as on	expenditure	cost
1.4.2004	05	1.4.2005			08	1.4.2008	·	
5115.02	19.30	5134.32	4.20	5138.52	250.84	5389.36	140.00	5529.36

5. Based on the above additional capital expenditure, the petitioner has claimed the revised transmission charges for the period 2004-05 to 2007-08 as under:

(Rs.in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Depreciation	143.94	144.25	144.30	147.94	151.57
.Interest on Loan	395.45	372.28	340.95	314.67	287.37
Return on Equity	128.93	129.42	129.51	134.78	140.05
Advance against Depreciation	0.00	60.92	211.67	208.03	225.24
Interest on Working Capital	19.48	20.56	23.08	23.17	23.64
O & M Expenses	113.87	118.43	123.24	128.04	133.28
Total	801.67	845.86	972.75	956.63	961.15

6. The details submitted by the petitioner in support of its claim for interest on working capital are given hereunder:

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Maintenance Spares	46.97	49.80	52.77	55.94	59.29
O & M expenses	9.49	9.87	10.27	10.67	11.11
Receivables	133.61	140.98	162.13	159.44	160.19
Total	190.07	200.63	225.17	226.05	230.59
Rate of Interest	10.25%	10.25%	10.25%	10.25%	10.25%
Interest	19.48	20.56	23.08	23.17	23.64

7. The reply to the petition has been filed by Bihar State Electricity Board (BSEB).

CAPITAL COST

8. The details submitted by the petitioner in support of its claim for additional capital expenditure are given hereunder:

Sl. No.	Year	Amount	Nature and details of expenditure
		(Rs. in lakh)	
1.	2004-05	19.30	Retention/final payments
2.	2005-06	4.20	Retention/final payments
3.	2007-08	250.84	Retention/final payments

9. It is found that the additional capital expenditure claimed is in respect of retention/ final payments. These are part of the deferred liabilities relating to works/services which have materialised, and are within the original scope of work. Therefore, the additional expenditure sought to be capitalised is allowed under clauses (1) and (2) of Regulation 53 of the 2004 regulations.

TOTAL CAPITAL COST

10. Based on the above, capital cost for the purpose of tariff for each of the transmission asset, works out as under, which is within the approved cost estimate:

(Rs.in lakh)

ı	Capital expenditure up	Additional	Capital expenditure	Additional	Capital expenditure	Additional	Capital
	to 1.4.2004	1.2004 Capitalization		Capitalization	as on 1.4.2006 and	Capitalization	expenditure as
L		during 2004-05		during 2005-06	1.4.2007	during 2007-08	on 1.4.2008
	5115.02	19.30	5134.32	4.20	5138.52	250.84	5389.36

DEBT- EQUITY RATIO

11. Vide order dated 4.5.2006 in Petition No. 67/2005 debt-equity ratio of 82.05:17.95 was considered for the purpose of tariff. The petitioner has been considered same debt-equity ratio. The petitioner has also considered the amount of additional capitalization in the debt-equity ratio of 70:30. This has been found to be in order. Accordingly, for the purpose of tariff, equity considered for the transmission assets is as under:

(Rs. in lakh)

	Equity	as	Notional	Average	Equity as	Notional	Average	Equity as	Notional	Average	Equity as
	on		additional	equity	on 1.4.2005	additional	equity for	on	additional	equity	on
	1.4.2004		equity	during		equity	2005-06	1.4.2006	equity during	for	1.4.2008
			during	2004-05		during		and	2007-08	2007-08	
			2004-05			2005-06		1.4.2007			
ı	918	.02	5.79	920.92	923.81	1.26	924.44	925.07	75.25	962.70	1000.32

RETURN ON EQUITY

12. As per clause (iii) of Regulation 56 of the 2004 regulations, return on equity shall be computed on the equity base determined in accordance with regulation 54 @ 14% per annum. Equity invested in foreign currency is to be allowed a return in the same currency and the payment on this account is made in Indian Rupees based on the exchange rate prevailing on the due date of billing.

13. For the reasons already recorded, equity as given the table under para 11 above has been considered. However, tariff for the years 2004-05 and 2005-06 has been allowed pro rata on average equity. Accordingly, revised return on equity allowed each year is given as under:

(Rs. in lakh)

	·					
2004-05 2005-06 2006-07 2007-08 2008-09						
128.93	129.42	129.51	134.78	140.05		

INTEREST ON LOAN

- 14. Clause (1) of regulation 56 of the 2004 regulations inter alia provides that,-
 - (a) Interest on loan capital shall be computed loan wise on the loans arrived at in the manner indicated in regulation 54.
 - (b) The loan outstanding as on 1.4.2004 shall be worked out as the gross loan in accordance with Regulation 54 minus cumulative repayment as admitted by the Commission or any other authority having power to do so, up to 31.3.2004. The repayment for the period 2004-09 shall be worked out on a normative basis.
 - (c) The transmission licensee shall make every effort to re-finance the loan as long as it results in net benefit to the beneficiaries. The costs associated with such re-financing shall be borne by the beneficiaries.
 - (d) The changes to the loan terms and conditions shall be reflected from the date of such re-financing and benefit passed on to the beneficiaries.
 - (e) In case of dispute, any of the parties may approach the Commission with proper application. However, the beneficiaries shall not withhold any payment ordered by the Commission to the transmission licensee during pendency of any dispute relating to re-financing of loan;
 - (f) In case any moratorium period is availed of by the transmission licensee, depreciation provided for in the tariff during the years of moratorium shall be treated as repayment during those years and interest on loan capital shall be calculated accordingly.
 - (g) The transmission licensee shall not make any profit on account of re-financing of loan and interest on loan;
 - (h) The transmission licensee may, at its discretion, swap loans having floating rate of interest with loans having fixed rate of interest, or vice versa, at its own cost and gains or losses as a result of such swapping shall accrue to the transmission licensee:

Provided that the beneficiaries shall be liable to pay interest for the loans initially contracted, whether on floating or fixed rate of interest."

15. In our calculation the interest on loan has been worked out as detailed

below:

(a) Gross amount of loan, repayment of instalments and rate of

interest and weighted average rate of interest on actual loan as per earlier

order dated 4.5.2006 in Petition No. 67/2005 have been considered.

(b) Notional loan arising out of additional capital expenditure up to

31.3.2008 has been added in loan amount as on 1. 4.2004 to arrive at total

notional loan. This adjusted gross loan is considered as normative loan for

tariff calculations.

(c) Tariff has been worked out considering normative loan and

normative repayments. Normative repayments are worked out by the

following formula:

Actual repayment of actual loan during the year

-----X Opening balance of normative loan during the year

Opening balance of actual loan during the year

(d) Moratorium in repayment of loan is considered with reference to

normative loan and if the normative repayment of loan during the year is

less than the depreciation including Advance Against Depreciation during

the year, then depreciation including Advance Against Depreciation during

the year is deemed as normative repayment of loan during the year.

(e) Weighted average rate of interest on actual loan worked out as per

(i) above is applied on the notional average loan during the year to arrive

at the interest on loan.

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16. Based on above, revised year-wise interest on loan has been worked out as under:

(Rs. in lakh) Details 2004-05 2005-06 2006-07 2007-08 2008-09 4197.00 4210.51 4213.45 4213.45 4389.04 Gross Normative Loan Cumulative Repayment up to Previous 502.48 858.45 1214.42 28.40 222.05 Year/date of commercial operation Net Loan-Opening 4168.60 3988.46 3710.97 3174.61 Addition due to Additional Capitalisation 0.00 175.59 Repayment during the year 193.65 280.43 355.97 355.97 376.81 Net Loan-Closing 3988.46 3710.97 3355.00 3174.61 2797.80 Average Loan 2986.21 4078.53 3849.71 3532.98 3264.81 Weighted Average Rate of Interest on Loan 9.70% 9.67% 9.65% 9.64% 9.62%

395.45

372.28

340.95

314.67

287.37

17. The detailed calculations in support of the weighted revised average rate of interest are contained in Annexure attached.

DEPRECIATION

Interest

- 18. Sub-clause (a) of clause (ii) of Regulation 56 of the 2004 regulations provides for computation of depreciation in the following manner, namely:
 - (a) The value base for the purpose of depreciation shall be the historical cost of the asset.
 - (b) Depreciation shall be calculated annually based on straight line method over the useful life of the asset and at the rates prescribed in Appendix II to these regulations. The residual value of the asset shall be considered as 10% and depreciation shall be allowed up to maximum of 90% of the historical capital cost of the asset. Land is not a depreciable asset and its cost shall be excluded from the capital cost while computing 90% of the historical cost of the asset. The historical capital cost of the asset shall include additional capitalisation on account of Foreign

Exchange Rate Variation up to 31.3.2004 already allowed by the Central Government/Commission.

- (c) On repayment of entire loan, the remaining depreciable value shall be spread over the balance useful life of the asset.
- (d) Depreciation shall be chargeable from the first year of operation. In case of operation of the asset for part of the year, depreciation shall be charged on pro rata basis.
- 19. Depreciation allowed has been worked out as below:

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Gross block as on 1 st April of the	5115.02	5134.32	5138.52	5138.52	5389.36
year					
Addition due to Additional	19.30	4.20	0.00	250.84	-
Capitalisation					
Gross Block	5134.32	5138.52	5138.52	5389.36	5389.36
Rate of Depreciation	2.8086%	2.8083%	2.8082%	2.8104%	2.8124%
Depreciable Value	4612.20	4622.78	4624.67	4737.55	4850.42
Balance Useful life of the asset	-	_	_		-
Remaining Depreciable Value	4458.81	4325.45	4122.18	3879.09	3636.00
Depreciation	143.93	144.24	144.30	147.94	151.57

ADVANCE AGAINST DEPRECIATION

20. As per sub-clause (b) of clause (ii) of Regulation 56 of the 2004 regulations, in addition to allowable depreciation, the transmission licensee is entitled to Advance Against Depreciation, computed in the manner given hereunder:

AAD = Loan repayment amount as per regulation 56 (i) subject to a ceiling of 1/10th of loan amount as per regulation 54 minus depreciation as per schedule

- 21. It is provided that Advance Against Depreciation shall be permitted only if the cumulative repayment up to a particular year exceeds the cumulative depreciation up to that year. It is further provided that Advance Against Depreciation in a year shall be restricted to the extent of difference between cumulative repayment and cumulative depreciation up to that year.
- 22. Accordingly, in our calculation the Advance Against Depreciation has been worked as detailed below:
 - (a) 1/10th of gross loan is worked out from the Gross Notional Loan as per para 16 above.
 - (b) Repayment of notional loan during the year is considered as per para 16 above.
 - (c) Depreciation is worked out as per para 19 above.
 - (d) In the calculation of Advance Against Depreciation, cumulative depreciation/Advance Against Depreciation up to the preceding year along with the depreciation of the current year have been considered for working out the Advance Against Depreciation.
- 23. Details of revised Advance Against Depreciation allowed are given hereunder:

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
1/10th of Gross Loan(s)	419.70	421.05	421.35	421.35	438.90
Repayment of the Loan	193.65	280.43	355.97	355.97	376.81
Minimum of the above	193.65	280.43	355.97	355.97	376.81
Depreciation during the year	143.93	144.24	144.30	147.94	151.57
(A) Difference	49.72	136.19	211.67	208.03	225.24
Cumulative Repayment of the Loan	222.05	502.48	858.45	1214.42	1591.24
Cumulative Depreciation/ Advance against	297.32	441.57	646.78	1006.39	1366.00
Depreciation					
(B) Difference	-75.27	60.92	211.67	208.03	225.24
Advance against Depreciation Minimum of (A)	0.00	60.92	211.67	208.03	225.24
and (B)					

OPERATION & MAINTENANCE EXPENSES

24. In accordance with clause (iv) of Regulation 56 the 2004 regulations, the following norms are prescribed for O & M expenses:

	Year					
	2004-05	2005-06	2006-07	2007-08	2008-09	
O&M expenses (Rs in lakh per ckt-km)	0.227	0.236	0.246	0.255	0.266	
O&M expenses (Rs in lakh per bay)	28.12	29.25	30.42	31.63	32.90	

25. O&M expenses as taken for the tariff calculations as per order dated 4.5.2006 in Petition No. 67/2005 have been considered, since line length and number of bays remain unchanged.

INTEREST ON WORKING CAPITAL

26. The components of the working capital and the interest thereon are discussed hereunder:

(i) Maintenance spares

Regulation 56(v) (1) (b) of the 2004 regulations provides for maintenance spares @ 1% of the historical cost escalated @ 6% per annum from the date of commercial operation. The petitioner has claimed maintenance spares after accounting for additional capital expenditure. For the purpose of computation of maintenance spares, the historical cost is being taken as the cost on the date of commercial operation. Maintenance spares on additional capital expenditure are not being considered for the present. Therefore, the petitioner's claim in this regard is not being allowed. Accordingly, maintenance spares have been worked out on the historical cost and providing escalation from the date of commercial operation.

(ii) O & M expenses

Regulation 56(v)(1)(a) of the 2004 regulations provides for operation and maintenance expenses for one month as a component of

working capital. O&M expenses as considered in the order dated 4.5.2006 in Petition No. 67/2005 have been considered.

(iii) Receivables

As per Regulation 56(v)(1)(c) of the 2004 regulations, receivables will be equivalent to two months average billing calculated on target availability level. Accordingly, in the tariff being allowed, receivables have been worked out on the basis 2 months' transmission charges.

(iv) Rate of interest on working capital

As per Regulation 56(v) (2) of the 2004 regulations, rate of interest on working capital shall be on normative basis and shall be equal to the short-term Prime Lending Rate of State Bank of India as on 1.4.2004 or on 1st April of the year in which the project or part thereof (as the case may be) is declared under commercial operation, whichever is later. The interest on working capital is payable on normative basis notwithstanding that the transmission licensee has not taken working capital loan from any outside agency. The petitioner has claimed interest on working capital @ 10.25% based on SBI PLR as on 1.4.2004, which is in accordance with the 2004 regulations and has been allowed.

27. The necessary computations in support of interest revised on working capital, as revised, are appended herein below:

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Maintenance Spares	46.97	49.78	52.77	55.94	59.29
O & M expenses	9.49	9.87	10.27	10.67	11.11
Receivables	133.61	140.98	162.12	159.44	160.19
Total	190.07	200.63	225.17	226.05	230.59
Rate of interest	10.25%	10.25%	10.25%	10.25%	10.25%
Interest	19.48	20.56	23.08	23.17	23.64

TRANSMISSION CHARGES

28. The revised transmission charges being allowed for the transmission for line the period 2004-05 to 2008-09 are summarised below:

(Rs. in lakh)

	2004-05	2005-06	2006-07	2007-08	2008-09
Depreciation	143.93	144.24	144.30	147.94	151.57
Interest on Loan	395.45	372.28	340.95	314.67	287.37
Return on Equity	128.93	129.42	129.51	134.78	140.05
Advance against Depreciation	0.00	60.92	211.67	208.03	225.24
Interest on Working Capital	19.48	20.56	23.08	23.17	23.64
O & M Expenses	113.87	118.43	123.24	128.04	133.28
Total	801.66	845.86	972.75	956.63	961.14

- 29. The petitioner shall recover from the beneficiaries the additional transmission charges in three monthly instalments. The petitioner has also sought reimbursement of filing fee paid. The Commission by its separate general order dated 11.9.2008 in Petition No. 129/2005 has decided that the petitioner shall not be allowed reimbursement of the petition filing fee.
- 30. In addition to the transmission charges, the petitioner shall be entitled to other charges like income-tax, incentive, surcharge and other cess and taxes in accordance with the 2004 regulations. These transmission charges shall be included in the regional transmission tariff for Eastern Region and shall be shared by the regional beneficiaries in accordance with the 2004 regulations.
- 31. This order disposes of Petition No.61/2009.

Sd/- sd/- sd/- sd/- sd/- (V.S.VERMA) (S.JAYARAMAN) (R.KRISHNAMOORTHY) (DR.PRAMOD DEO) MEMBER MEMBER CHAIRPERSON New Delhi dated the 22nd July 2009

Annexure

Details of calculations in support of the weighted revised average rate of interest.

(Rs. in lakh)

Details of Loan	2004-05	2005-06	2006-07	2007-08	2008-09	
Bond IX						
Gross Loan opening	284.00	284.00	284.00	284.00	284.00	
Cumulative Repayment upto previous year	28.40	56.80	85.20	113.60	142.00	
Net Loan-Opening	255.60	227.20	198.80	170.40	142.00	
Additions during the year Repayment during the year	0.00 28.40	0.00 28.40	0.00 28.40	0.00 28.40	0.00 28.40	
Net Loan-Closing	227.20	198.80	170.40	142.00	113.60	
Average Loan	241.40	213.00	184.60	156.20	127.80	
Rate of Interest	12.25%	12.25%	12.25%	12.25%	12.25%	
Interest	29.57	26.09	22.61	19.13	15.66	
Repayment Schedule		10 annual installments from 22.08.2003				
Bond X	10 011110011110					
Gross Loan opening	1057.00	1057.00	1057.00	1057.00	1057.00	
Cumulative Repayment upto previous year	0.00	88.08	176.17	264.25	352.33	
Net Loan-Opening	1057.00	968.92	880.83	792.75	704.67	
Additions during the year	0.00	0.00	0.00	0.00	0.00	
Repayment during the year	88.08	88.08	88.08	88.08	88.08	
Net Loan-Closing	968.92	880.83	792.75	704.67	616.58	
Average Loan	1012.96	924.88	836.79	748.71	660.63	
Rate of Interest	10.90%	10.90%	10.90%	10.90%	10.90%	
Interest	110.41	100.81	91.21	81.61	72.01	
Repayment Schedule	12 annual ins	tallments from	21.06.2004			
Bond XI - option I						
Gross Loan opening	913.00	913.00	913.00	913.00	913.00	
Cumulative Repayment upto previous year Net Loan-Opening	0.00 913.00	0.00 913.00	76.08 836.92	152.17 760.83	228.25 684.75	
Additions during the year	0.00	0.00	0.00	0.00	0.00	
Repayment during the year	0.00	76.08	76.08	76.08	76.08	
Net Loan-Closing	913.00	836.92	760.83	684.75	608.67	
Average Loan	913.00	874.96	798.88	722.79	646.71	
Rate of Interest	9.80%	9.80%	9.80%	9.80%	9.80%	
Interest	89.47	85.75	78.29	70.83	63.38	
Repayment Schedule	12 annual ins					
Bond XII						
Gross Loan opening	117.00	117.00	117.00	117.00	117.00	
Cumulative Repayment upto previous year Net Loan-Opening	0.00 117.00	0.00 117.00	9.75 107.25	19.50 97.50	29.25 87.75	
Additions during the year Repayment during the year	0.00	0.00 9.75	0.00 9.75	0.00 9.75	0.00 9.75	
Net Loan-Closing	117.00	107.25	97.50	87.75	78.00	
Average Loan	117.00	112.13	102.38	92.63	82.88	
Rate of Interest	9.70%	9.70%	9.70%	9.70%	9.70%	
Interest	11.35	10.88	9.93	8.98	8.04	
Repayment Schedule 12 annual installments from 28.03.2006						

Bond XIII - option I					
Gross Loan opening	900.00	900.00	900.00	900.00	900.00
Cumulative Repayment upto previous year	0.00	0.00	0.00	75.00	150.00
Net Loan-Opening	900.00	900.00	900.00	825.00	750.00
Additions during the year	0.00	0.00	0.00	0.00	0.00
Repayment during the year	0.00	0.00	75.00	75.00	75.00
Net Loan-Closing	900.00	900.00	825.00	750.00	675.00
Average Loan	900.00	900.00	862.50	787.50	712.50
Rate of Interest	8.63%	8.63%	8.63%	8.63%	8.63%
Interest	77.67	77.67	74.43	67.96	61.49
Repayment Schedule	12 annual ins				
LOAN FROM OBC					
Gross Loan opening	421.00	421.00	421.00	421.00	421.00
Cumulative Repayment upto previous year	0.00	35.08	70.17	105.25	140.33
Net Loan-Opening	421.00	385.92	350.83	315.75	280.67
Additions during the year	0.00	0.00	0.00	0.00	0.00
Repayment during the year	35.08	35.08	35.08	35.08	35.08
Net Loan-Closing	385.92	350.83	315.75	280.67	245.58
Average Loan	403.46	368.38	333.29	298.21	263.13
Rate of Interest	8.60%	8.60%	8.60%	8.60%	8.60%
Interest	34.70	31.68	28.66	25.65	22.63
Repayment Schedule	12 annual ins	tallments from	23.03.2005		
LOAN FROM PNB-II					
Gross Loan opening	505.00	505.00	505.00	505.00	505.00
Cumulative Repayment upto previous year Net Loan-Opening	0.00 505.00	42.08 462.92	84.17 420.83	126.25 378.75	168.33 336.67
Additions during the year Repayment during the year	0.00 42.08	0.00 42.08	0.00 42.08	0.00 42.08	0.00 42.08
Net Loan-Closing	462.92	420.83	378.75	336.67	294.58
Average Loan	483.96	441.88	399.79	357.71	315.63
Rate of Interest	8.60%	8.60%	8.60%	8.60%	8.60%
Interest	41.62	38.00	34.38	30.76	27.14
Repayment Schedule	12 annual ins				
Gross Loan opening	4197.00	4197.00	4197.00	4197.00	4197.00
Cumulative Repayment upto previous year	28.40	222.05	501.53	856.02	1210.50
Net Loan-Opening	4168.60	3974.95	3695.47	3340.98	2986.50
Additions during the year	0.00	0.00	0.00	0.00	0.00
Repayment during the year	193.65	279.48	354.48	354.48	354.48
Net Loan-Closing	3974.95	3695.47	3340.98	2986.50	2632.02
Average Loan	4071.78	3835.21	3518.23	3163.74	2809.26
Rate of Interest	9.6959%	9.6703%	9.6504%	9.6383%	9.6232%
Interest	394.79	370.88	339.52	304.93	270.34