CENTRAL ELECTRICITY REGULATORY COMMISSION NEW DELHI

Petition No. 168/TT/2014

Coram: Shri Gireesh B. Pradhan,Chairman Shri A.K. Singhal, Member Shri A.S. Bakshi, Member Dr. M. K.lyer, Member

Date of Hearing: 28.01.2016 Date of Order : 15.02.2016

In the Matter of

Approval under Regulation-86 of CERC (Conduct of Business) Regulations'1999, CERC (Terms and Conditions of Tariff) Regulations, 2009 and CERC (Terms and Conditions of Tariff) Regulations' 2014 for determination of (i) Truing up Transmission tariff for 2009-14 tariff block and (ii) Transmission Tariff for 2014-19 tariff block for Stage-1 of 400 kV Thyristor controlled series compensation project (Fact Device) on Kanpur-Ballabgarh 400 kV S/C line at Ballabgarh in Northern Region.

And in the Matter of

Power Grid Corporation of India Ltd,
Registered office: B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi. 110 016.
Corporate Centre: 'SAUDAMINI', Plot No-2,
Sector-29, Gurgaon-122 001 (Haryana).

.....Petitioner

Versus

- Rajasthan Rajya Vidyut Prasaran Nigam Ltd. Vidyut Bhawan, Vidyut Marg, Jaipur – 302 005.
- Ajmer Vidyut Vitran Nigam Ltd., 400 kV GSS Building (Ground Floor), Ajmer Road, Heerapura, Jaipur

- Jaipur Vidyut Vitran Nigam Ltd, 400 kV GSS Building (Ground Floor), Ajmer Road, Heerapura, Jaipur
- Jodhpur Vidyut Vitran Nigam Ltd, 400 kV GSS Building (Ground Floor), Ajmer Road, Heerapura, Jaipur
- Himachal Pradesh State Electricity Board, Vidyut Bhawan, Kumar House Complex Builling II Shimla – 171 004
- Punjab State Power Corporation Ltd., Thermal SHED TIA Near 22 PHATAK Patiala – 147 001
- 7. Haryana Power Purchase Centre, Shakti Bhawan, Sector – 6 Panchkula (Haryana) 134109
- Power Development Deptt. Govt.of Jammu & Kashmir Mini Secretariat, Jammu
- Uttar Pradesh Power COrporation Ltd. (Formerly Uttar Pradesh State Electricity Board) Shakti Bhawan, 14, Ashok Marg, Lucknow – 226 001
- 10. Delhi Transco Ltd Shakti Sadan, Kotla Road, New Delhi – 110 002
- 11.BSES Yamuna Power Ltd. BSES Bhawan, Nehru Place, New Delhi
- 12. BSES Rajdhani Power Ltd. BSES Bhawan, Nehru Place, New Delhi

- 13. Tata Power Delhi Distribution Ltd.33 kV Substation, Building,Hudson Lane, Kingsway CampNew Delhi 110 009
- 14. Chandigarh Administration Sector – 9, Chandigarh
- 15. Uttarakhand Power Corporation Ltd.Urja BhawanKanwali RoadDehradun
- 16. North Central Railway Allahabad
- 17. New Delhi Municipal Council Palika Kendra, Sansad Marg, New Delhi – 110 002

.....Respondents

The following were present:

For Petitioner : Ms. Sangeeta Edwards, PGCIL

Sh. S.S.Raju, PGCIL

Sh. S.K.Venkatesan, PGCIL Sh. M.M.Mondal, PGCIL Sh. Rakesh Prasad, PGCIL

For Respondents : None

ORDER

The petition has been preferred by Power Grid Corporation of India Ltd, a transmission licensee, for revision of tariff under Regulation 6 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2009 (hereinafter referred to as "the 2009 Tariff Regulations") based on truing up of expenditure for the period 1.4.2009 to 31.3.2014 and for determination of tariff under

Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 (hereinafter referred to as "the 2014 Tariff Regulations") for the period from 1.4.2014 to 31.3.2019 in respect of for Stage-1 of 400 kV Thyristor controlled series compensation project (FACT Device) on Kanpur-Ballabgarh 400 kV S/C line at Ballabgarh in Northern Region. (hereinafter referred to as "transmission system").

- 2. The respondents are distribution licensees, who are procuring transmission service from the petitioner, mainly beneficiaries of Northern Region.
- 3. The petitioner has built the transmission system in Northern Region and the same has been put under commercial operation w.e.f. dated 1.7.2002. The petitioner had approached the Commission vide Petition No. 131/2009 for determination of tariff for 2009-14 tariff period. The Commission, on 14.9.2009 had approved the tariff based on the admitted capital cost of ₹1499.18 lakh for the instant asset as on 31.3.2009 as given below:

(₹in Lakh)

Particulars	2009-10	2010-11	2011-12	2012-13	2013-14
Depreciation	79.16	79.16	79.16	79.16	79.16
Interest on Loan	65.25	56.45	47.65	38.83	30.09
Return on Equity	65.16	65.16	65.16	65.16	65.16
Interest on Working Capital	6.99	6.96	6.93	6.91	6.91
O & M Expenses	52.40	55.40	58.57	61.92	65.46
Total	268.95	263.12	257.46	251.98	246.77

4. As per Regulation 6 of the 2009 Tariff Regulations, the Commission shall carry out truing up exercise along with the tariff petition filed for the next tariff period, with respect to the capital expenditure including additional capital expenditure incurred up to 31.3.2014, as admitted by the Commission after prudence check at the time of

truing up. Further, as per Regulation 15 of the 2009 Tariff Regulations, the petitioner is required to adjust the yearly impact of MAT rate in the truing up petition for 2009-14 tariff period. The petitioner has submitted that in case interest on loan was calculated on basis of prevailing rates for the determination of tariff, any change in the rate of interest subsequently during the tariff period will be considered at the time of truing up. In this context, the petitioner has relied upon the Commission's order dated 14.9.2009 in Petition No. 131/2009.

- 5. The petitioner has made following submissions in regard to revision of tariff in accordance with Regulation 6 of the 2009 Tariff Regulations for 2009-14:
 - a) The additional capital expenditure during the 2009-14 tariff period is NIL and hence, the tariff has been claimed based on the admitted capital cost of ₹1499.18 lakh for the instant asset by the Commission in order dated 14.9.2009 in Petition No 131/2009;
 - b) The variation in the tax rate during the 2009-14 tariff period applicable to the petitioner as per the Finance Act of the relevant year for the purpose of grossing up of ROE has been furnished as follows:

Year	MAT Rate (in %)	Grossed up ROE
		(Base rate/(1-t) (in %)
2009-10	16.995	18.674
2010-11	19.931	19.358
2011-12	20.008	19.377
2012-13	20.008	19.377
2013-14	20.961	19.610

- c) The petitioner has claimed the interest on loan based on actual interest rates for each year during the 2009-14 period and also submitted relevant documents vide affidavit dated 26.6.2014.
- 6. Based on aforesaid, the petitioner has claimed the revision of tariff for 2009-14 tariff period as under:

(₹ in lakh)

Particulars	2009-10	2010 – 11	2011 -12	2012 – 13	2013 - 14
Revised AFC based	273.5	270.27	264.69	259.19	254.89
on truing up					

7. The petitioner has further claimed the transmission tariff for the period 2014-19 in accordance with the 2014 Tariff Regulations as follows:

(₹ in Lakh)

Period	2014-15	2015-16	2016-17	2017-18	2018-19
Annual Fixed Cost	241.35	186.35	185.27	184.27	183.33

- 8. The petitioner has made following submissions in regard to determination of tariff for 2014-19:
- a) The depreciation has been claimed in accordance with Regulation 27 of the
 2014 Tariff Regulations;
- b) The petitioner has prayed for grossing up of ROE at MAT rate of 20.961% prevailing in 2013-14 which shall be trued up with actual tax rate in accordance with clause 25 (3) of the 2014 Tariff Regulations;
- The petitioner has prayed for reimbursement of service tax if it is subjected to such tax in future;

- d) The petitioner has considered interest on loan on the basis of rate prevailing as on 1.4.2014 and prayed that the change in Interest Rate due to floating rate of interest applicable, if any, during 2014-19 period will be adjusted;
- e) The wage revision of the employees of the petitioner company is due during 2014-19 and actual impact of wage hike will be effective from a future date. The scheme of wage revision applicable to CPSUs being binding on the petitioner, the petitioner sought liberty to approach the Commission for suitable revision in the norms for O&M expenditure for claiming the impact of wage hike, if any, during 2014-19.
- f) The petitioner has prayed for recovery of deferred tax liability before 1.4.2009 from the beneficiaries or the long term customers / DICs as and when the same gets materialized.
- g) The petitioner has prayed for recovery of the application fee, filing fee, expenses incurred on publication of Notices in News papers and License fee from the respondents in terms of Regulation 52 Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014. The fees and charges to be paid by the petitioner as ISTS licensee (deemed ISTS licensee) under CERC (Fees and Charges of RLDC and other matters) Regulations as amended from time to time have also been prayed to be recoverable from the DICs as provided under clause 52(2) (a).
- 9. The petitioner has served the petition to the respondents and notice of this application has been published in the news paper in accordance with the CERC (Procedure for making of application for determination of tariff, Publication of the application and other related matters) Regulations, 2004. Further, submissions

were made vide affidavit dated 15.9.2014 and 5.2.2016. No submissions have been made by the Respondents. No comments/objections have been received from the public in response to the notice in newspaper. The hearing in this matter was held on 28.1.2016.

TRUE UP ANNUAL FIXED CHARGES FOR 2009-14 PERIOD

- 10. We have considered the submissions of the petitioner in respect of truing up of annual fixed charged for 2009-14 tariff period. The revision of tariff for 2009-14 period has been determined as discussed below:
 - a) The capital cost of ₹1499.18 lakh for the instant Asset admitted by the Commission as on 31.3.2009 has been considered as opening capital cost as on 1.4.2009 for determination of tariff in accordance with Regulation 7 of the 2009 Tariff Regulations;
 - b) The petitioner has not claimed any additional capital expenditure for 2009-14 period;
 - c) The Regulation 15 of the 2009 Tariff Regulations provides for the grossing up of ROE with the actual tax rate for the purpose of return on equity. The petitioner has submitted the MAT rate applicable during the various years. Return on equity has been worked out by considering year wise MAT rate submitted by the petitioner in accordance with Regulation 15 of the 2009 Tariff Regulations;
 - d) Regulation 16 of the 2009 Tariff Regulations provide the methodology for working out weighted average rate of interest on loan. The Commission in its earlier order dated 8.6.2011 in Petition No. 238/2010 has held that in case of floating rate of interest, any change in the rates of interest during

- the tariff period will be considered at the time of true up. Accordingly, the interest on loan has been worked out and details of weighted average rate of interest are placed at Annexure-1.
- e) Depreciation, Interest on Working Capital and Operation & Maintenance Expenses has been considered in accordance with the 2009 Regulations.
- 11. Accordingly, the annual fixed charges for the transmission system under the petition has been worked out and allowed as under:

(₹in lakh)

Particulars	2009-10	2010-11	2011-12	2012-13	2013- 14
Gross Block					
Opening Gross Block	1499.18	1499.18	1499.18	1499.18	1499.18
Additional Capitalisation	0.00	0.00	0.00	0.00	0.00
Closing Gross Block	1499.18	1499.18	1499.18	1499.18	1499.18
Average Gross Block	1499.18	1499.18	1499.18	1499.18	1499.18
Depreciation					
Rate of Depreciation	5.2800%	5.2800%	5.2800%	5.2800%	5.2800%
Depreciable Value	1349.26	1349.26	1349.26	1349.26	1349.26
Elapsed Life (Beginning of the year)	6	7	8	9	10
Weighted Balance Useful life of the combine assets	19	18	17	16	15
Remaining Depreciable Value	855.07	775.92	696.76	617.60	538.45
Depreciation	79.16	79.16	79.16	79.16	79.16
Interest on Loan					
Gross Normative Loan	1126.43	1126.43	1126.43	1126.43	1126.43
Cumulative Repayment upto Previous Year	494.19	573.35	652.50	731.66	810.82
Net Loan-Opening	632.24	553.08	473.93	394.77	315.61
Additions	0.00	0.00	0.00	0.00	0.00
Repayment during the year	79.16	79.16	79.16	79.16	79.16
Net Loan-Closing	553.08	473.93	394.77	315.61	236.46
Average Loan	592.66	513.50	434.35	355.19	276.03
Weighted Average Rate of Interest on Loan	11.01%	10.99%	10.97%	10.93%	10.90%
Interest	65.25	56.45	47.65	38.83	30.09

Return on Equity						
Opening Equity	372.75	372.75	372.75	372.75	372.75	
Additions	0.00	0.00	0.00	0.00	0.00	
Closing Equity	372.75	372.75	372.75	372.75	372.75	
Average Equity	372.75	372.75	372.75	372.75	372.75	
Return on Equity (Base Rate)	15.50%	15.50%	15.50%	15.50%	15.50%	
MAT rate for the respective year (%)	16.995	19.931	20.008	20.008	20.961	
Rate of Return on Equity	18.674%	19.358%	19.377%	19.377%	19.610%	
Return on Equity	69.61	72.16	72.23	72.23	73.10	
Interest on Working Capital						
Maintenance Spares	7.86	8.31	8.79	9.29	9.82	
O & M expenses	4.37	4.62	4.88	5.16	5.46	
Receivables	45.58	45.04	44.11	43.20	42.48	
Total	57.81	57.97	57.78	57.65	57.75	
Interest	7.08	7.10	7.08	7.06	7.07	
Annual Transmission Charges						
Depreciation	79.16	79.16	79.16	79.16	79.16	
Interest on Loan	65.25	56.45	47.65	38.83	30.09	
Return on Equity	69.61	72.16	72.23	72.23	73.10	
Interest on Working Capital	7.08	7.10	7.08	7.06	7.07	
O & M Expenses	52.40	55.40	58.57	61.92	65.46	
Total	273.50	270.27	264.68	259.19	254.88	

ANNUAL FIXED CHARGES FOR 2014-19

- 12. We have considered the submissions of the petitioner in respect of tariff for 2014-19 tariff period. The tariff for 2014-19 period has been determined as discussed below:
 - a) The capital cost of ₹1499.18 lakh for the instant Asset admitted by the Commission as on 31.3.2014 has been considered as opening capital cost as on 1.4.2014 for determination of tariff in accordance with Regulation 9 of the 2014 Tariff Regulations;
 - b) The petitioner has not claimed any projected additional capital expenditure during 2014-19 period;
 - c) The Regulation 24 read with Regulation 25 of the 2014 Tariff Regulations provides the grossing up of return on equity with the effective tax rate for the

purpose of return on equity. It further provides that in case the generating company or transmission licensee paying Minimum Alternative Tax (MAT), the MAT rate including surcharge and cess will be considered for the grossing up of return on equity. The petitioner has submitted that MAT rate is applicable to the petitioner's company. Accordingly, the MAT rate applicable during the 2013-14 has been considered for the purpose of return on equity which shall be trued up with actual tax rate in accordance with clause 25 (3) of the 2014 Tariff Regulations;

- d) The weighted average interest on loan has been considered on the basis of rate prevailing as on 1.4.2014. The petitioner has prayed that the change in Interest rate due to floating rate of interest applicable, if any, during 2014-19 period will be adjusted. Accordingly, the floating rate of interest, if any, shall be considered at the time of true up or next revision of tariff. By considering above, the interest on loan has been worked out in accordance with Regulation 26 of the 2014 Regulations and details of weighted average rate of interest are placed at Annexure-2.
- e) As the asset has completed 12 years of life during FY 2014-15. Accordingly, the remaining depreciable value of the Asset has been spread over based on the remaining depreciable value to be recovered in the balance useful life. from FY 2015-16 onwards.
- f) Interest on Working Capital and Operation & Maintenance Expenses have been considered in accordance with the 2014 Regulations.
- 13. Accordingly, the annual fixed charges for the transmission asset under the petition has been worked out and allowed as under:

(₹in lakh)

Dortionland	2044.45	2045 40	2040 47	2047.40	(<in lakn)<="" th=""></in>
Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Gross Block	4.400.40	4.400.40	4.400.40	4.400.40	4 400 40
Opening Gross Block	1499.18	1499.18	1499.18	1499.18	1499.18
Additional Capitalisation	0.00	0.00	0.00	0.00	0.00
Closing Gross Block	1499.18	1499.18	1499.18	1499.18	1499.18
Average Gross Block	1499.18	1499.18	1499.18	1499.18	1499.18
Depreciation					
Rate of Depreciation	5.2800%	1.9505%	1.9505%	1.9505%	1.9505%
Depreciable Value	1349.26	1349.26	1349.26	1349.26	1349.26
Elapsed Life (Beginning of the year)	11	12	13	14	15
Weighted Balance Useful life of	14	13	12	11	10
the combine assets					
Remaining Depreciable Value	459.29	380.13	350.89	321.65	292.41
Depreciation	79.16	29.24	29.24	29.24	29.24
Interest on Loan					
Gross Normative Loan	1126.43	1126.43	1126.43	1126.43	1126.43
Cumulative Repayment upto	889.97	969.13	998.37	1027.61	1056.85
Previous Year					
Net Loan-Opening	236.46	157.30	128.06	98.82	69.58
Additions during the year	0.00	0.00	0.00	0.00	0.00
Repayment during the year	79.16	29.24	29.24	29.24	29.24
Net Loan-Closing	157.30	128.06	98.82	69.58	40.34
Average Loan	196.88	142.68	113.44	84.20	54.96
Weighted Average Rate of Interest on Loan	10.90%	10.90%	10.90%	10.90%	10.90%
Interest	21.46	15.55	12.36	9.18	5.99
Return on Equity					
Opening Equity	372.75	372.75	372.75	372.75	372.75
Additions	0.00	0.00	0.00	0.00	0.00
Closing Equity	372.75	372.75	372.75	372.75	372.75
Average Equity	372.75	372.75	372.75	372.75	372.75
Return on Equity (Base Rate)	15.50%	15.50%	15.50%	15.50%	15.50%
MAT rate for FY 2014-15 (%)	20.961%	20.961%	20.961%	20.961%	20.961%
Rate of Return on Equity	19.610%	19.610%	19.610%	19.610%	19.610%
Return on Equity	73.10	73.10	73.10	73.10	73.10
Interest on Working Capital					
Maintenance Spares	9.05	9.35	9.66	9.98	10.31
O & M expenses	5.03	5.19	5.36	5.54	5.73
Receivables	40.22	31.06	30.88	30.71	30.55
Total	54.29	45.59	45.90	46.23	46.59
Interest	7.33	6.16	6.20	6.24	6.29

Annual Transmission Charges	3				
Depreciation	79.16	29.24	29.24	29.24	29.24
Interest on Loan	21.46	15.55	12.36	9.18	5.99
Return on Equity	73.10	73.10	73.10	73.10	73.10
Interest on Working Capital	7.33	6.16	6.20	6.24	6.29
O & M Expenses	60.30	62.30	64.37	66.51	68.71
Total	241.34	186.34	185.27	184.27	183.33

- 14. The petitioner has sought reimbursement of fee paid by it for filing the petition and publication expenses. The petitioner shall be entitled for reimbursement of the filing fees and publication expenses in connection with the present petition, directly from the beneficiaries on pro-rata basis in accordance with Regulation 52 (1) of the 2014 Tariff Regulations.
- 15. The petitioner has prayed for reimbursement of service tax if it is subjected to such tax in future. In our view, the petitioner's prayer is premature.
- 16. The petitioner shall be entitled for reimbursement of licence fee in accordance with Regulation 42A (1) (b) of the 2009 Tariff Regulations for 2009-14 period and in accordance with Regulation 52 (2) (b) of the 2014 Tariff Regulations. The petitioner shall also be entitled for recovery of RLDC fee & charges in accordance with 42 A (1) (a) of 2009 Tariff Regulations for 2009-14 period and Regulations 52 (2) (a) of the Tariff 2014 Tariff Regulations for 2014-19 period.
- 17. The petitioner has submitted that O&M Expenses for the year 2014-19 had been arrived at on the basis of normalized actual O&M Expenses during the period 2008-13. The petitioner has further submitted that the wage revision of the employees of the petitioner company is due during 2014-19 and actual impact of

wage hike which will be effective from a future date has also not been factored in fixation of the normative O&M rate specified for the tariff block 2014-19. The petitioner has also prayed that it will approach the Commission for suitable revision in the norms of O&M expenses for claiming the impact of such increase. We have considered the submission of the petitioner. We would like to clarify that any application filed by the petitioner in this regard will be dealt with in accordance with the appropriate provisions of the 2014 Tariff Regulations.

Sharing of Transmission Charges

- 18. The billing, collection and disbursement of the transmission charges approved shall be governed by the provisions of Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2010, as amended from time to time as provided in Regulation 43 of the 2014 Tariff Regulations.
- 19. This order disposes of Petition No.168/TT/2014.

-sd- -sd- -sd- (Dr. M.K. Iyer) (A.S. Bakshi) (A.K. Singhal) (Gireesh B. Pradhan) Member Member Chairperson

Annexure - 1

	CALCULATION OF WEIGH	TED AVER	AGE RATE	OF INTER	EST ON LO	DAN
					(R	s. in Lacs)
	Details of Loan	2009-10	2010-11	2011-12	2012-13	2013-14
1	Bond X					
	Gross loan opening	980.00	980.00	980.00	980.00	980.00
	Cumulative Repayment upto	408.33	490.00	571.67	653.33	735.00
	DOCO/previous year					
	Net Loan-Opening	571.67	490.00	408.33	326.67	245.00
	Additions during the year	0.00	0.00	0.00	0.00	0.00
	Repayment during the year	81.67	81.67	81.67	81.67	81.67
	Net Loan-Closing	490.00	408.33	326.67	245.00	163.33
	Average Loan	530.83	449.17	367.50	285.83	204.17
	Rate of Interest	10.90%	10.90%	10.90%	10.90%	10.90%
	Interest	57.86	48.96	40.06	31.16	22.25
	Rep Schedule	12 eq	ual annual i	nstalments	w-e-f 21.06	6.2004
2	Bond IX					
	Gross loan opening	134.00	134.00	134.00	134.00	134.00
	Cumulative Repayment upto	80.40	93.80	107.20	120.60	134.00
	DOCO/previous year					
	Net Loan-Opening	53.60	40.20	26.80	13.40	0.00
	Additions during the year	0.00	0.00	0.00	0.00	0.00
	Repayment during the year	13.40	13.40	13.40	13.40	0.00
	Net Loan-Closing	40.20	26.80	13.40	0.00	0.00
	Average Loan	46.90	33.50	20.10	6.70	0.00
	Rate of Interest	12.25%	12.25%	12.25%	12.25%	12.25%
	Interest	5.75	4.10	2.46	0.82	0.00
	Rep Schedule	10	Annual inst	alments fro	m 22.08.20	003
	Total Loan					
	Gross loan opening	1114.00	1114.00	1114.00	1114.00	1114.00
	Cumulative Repayment upto	488.73	583.80	678.87	773.93	869.00
	DOCO/previous year					
	Net Loan-Opening	625.27	530.20	435.13	340.07	245.00
	Additions during the year	0.00	0.00	0.00	0.00	0.00
	Repayment during the year	95.07	95.07	95.07	95.07	81.67
	Net Loan-Closing	530.20	435.13	340.07	245.00	163.33
	Average Loan	577.73	482.67	387.60	292.53	204.17
	Rate of Interest	11.010%	10.994%	10.970%	10.931%	10.900%
	Interest	63.61	53.06	42.52	31.98	22.25

Annexure - 2

	CALCULATION OF WEIGH	TED AVER	AGE RATE	OF INTER	EST ON LO	DAN
						s. in Lacs)
	Details of Loan	2014-15	2015-16	2016-17	2017-18	2018-19
1	Bond X					
	Gross loan opening	980.00	980.00	980.00	980.00	980.00
	Cumulative Repayment upto DOCO/previous year	816.67	898.33	980.00	980.00	980.00
	Net Loan-Opening	163.33	81.67	0.00	0.00	0.00
	Additions during the year	0.00	0.00	0.00	0.00	0.00
	Repayment during the year	81.67	81.67	0.00	0.00	0.00
	Net Loan-Closing	81.67	0.00	0.00	0.00	0.00
	Average Loan	122.50	40.83	0.00	0.00	0.00
	Rate of Interest	10.90%	10.90%	10.90%	10.90%	10.90%
	Interest	13.35	4.45	0.00	0.00	0.00
	Rep Schedule	12 eq	ual annual i	nstalments	w-e-f 21.06	5.2004
	•					
2	Bond IX					
	Gross loan opening	134.00	134.00	134.00	134.00	134.00
	Cumulative Repayment upto DOCO/previous year	134.00	134.00	134.00	134.00	134.00
	Net Loan-Opening	0.00	0.00	0.00	0.00	0.00
	Additions during the year	0.00	0.00	0.00	0.00	0.00
	Repayment during the year	0.00	0.00	0.00	0.00	0.00
	Net Loan-Closing	0.00	0.00	0.00	0.00	0.00
	Average Loan	0.00	0.00	0.00	0.00	0.00
	Rate of Interest	12.25%	12.25%	12.25%	12.25%	12.25%
	Interest	0.00	0.00	0.00	0.00	0.00
	Rep Schedule	10	Annual inst	talments fro	m 22.08.20	003
	Total Loan					
	Gross loan opening	1114.00	1114.00	1114.00	1114.00	1114.00
	Cumulative Repayment upto DOCO/previous year	950.67	1032.33	1114.00	1114.00	1114.00
	Net Loan-Opening	163.33	81.67	0.00	0.00	0.00
	Additions during the year	0.00	0.00	0.00	0.00	0.00
	Repayment during the year	81.67	81.67	0.00	0.00	0.00
	Net Loan-Closing	81.67	0.00	0.00	0.00	0.00
	Average Loan	122.50	40.83	0.00	0.00	0.00
	Rate of Interest	10.900%	10.900%	10.900%	10.900%	10.900%
	Interest	13.35	4.45	0.00	0.00	0.00