CENTRAL ELECTRICITY REGULATORY COMMISSION NEW DELHI

Petition No. 140/TT/2014

Coram: Shri A.K. Singhal, Member Shri A.S. Bakshi, Member Dr. M. K.lyer, Member

Date of Hearing: 27.10.2015 Date of Order : 05.11.2015

In the Matter of

Approval under Regulation-86 of Central Electricity Regulatory Commission (Conduct of Business) Regulations'1999, Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2009 and Central Electricity Regulatory Commission (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 400 kV D/C Kaiga-Sirsi transmission line in Southern 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

- 1 Karnataka Power Transmission Corporation Ltd., (KPTCL), Kaveri Bhavan, Bangalore – 560 009
- 2 Transmission Corporation of Andhra Pradesh Ltd., (APTRANSCO), Vidyut Soudha, Hyderabad– 500082

- Kerala State Electricity Board (KSEB)
 Vaidyuthi Bhavanam
 Pattom, Thiruvananthapuram 695 004
- 4 Tamil Nadu Generation and Distribution Corporation Ltd (Formerly Tamilnadu Electricity Board -TNEB)
 NPKRR Maaligai, 800, Anna Salai
 Chennai 600 002
- 5 Electricity Department Govt of Pondicherry, Pondicherry - 605001
- 6 Eastern Power Distribution Company of Andhra Pradesh Limited (APEPDCL)
 APEPDCL, P&T Colony,
 Seethmmadhara, VISHAKHAPATNAM
 Andhra Pradesh,
- 7 Southern Power Distribution Company of Andhra Pradesh Limited (APSPDCL) Srinivasasa Kalyana Mandapam Backside, Tiruchanoor Road, Kesavayana Gunta, TIRUPATI-517 501, Chittoor District, Andhra Pradesh
- Central Power Distribution Company of Andhra Pradesh limited (APCPDCL)
 Corporate Office, Mint Compound,
 HYDERABAD 500 063
 Andhra Pradesh
- 9 Northern Power Distribution Company of Andhra Pradesh Limited (APNPDCL) Opp. NIT Petrol Pump Chaitanyapuri, Kazipet, WARANGAL – 506 004 Andhra Pradesh
- 10 Bangalore Electricity Supply Company Ltd., (BESCOM), Corporate Office, K.R.Circle BANGALORE – 560 001 Karanataka

- 11 Gulbarga Electricity Supply Company Ltd., (GESCOM) Station Main Road, GULBURGA Karnataka
- 12 Hubli Electricity Supply Company Ltd., (HESCOM)
 Navanagar, PB Road
 HUBLI, Karnataka
- 13 MESCOM Corporate Office, Paradigm Plaza, AB Shetty Circle MANGALORE – 575 001 Karnataka
- Chamundeswari Electricity Supply Corporation Ltd., (CESC)
 # 927,L J Avenue
 Ground Floor, New Kantharaj Urs Road
 Saraswatipuram, MYSORE 570 009
 KARNATAKA
- 15 Electricity Department Government of Goa Vidyuti Bhawan, Panaji Goa 403001

.....Respondents

The following were present:

For Petitioner : Sh. S.S.Raju, PGCIL

Sh. S.K. Venkatesan, PGCIL Sh. M.M.Mondal, PGCIL Sh. S.K.Meena, PGCIL

For Respondents : None

<u>ORDER</u>

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 400 kV D/C Kaiga-Sirsi transmission line in Southern Region (hereinafter referred to as "transmission system").

- 2. The respondents are distribution licensees, who are procuring transmission service from the petitioner, mainly beneficiaries of Southern Region.
- 3. The petitioner has built the transmission system in Southern Region and the same has been put under commercial operation w.e.f. dated 1.12.1999. The petitioner had approached the Commission vide Petition No. 206/2010 for determination of tariff for 2009-14 tariff period. The Commission, on 1.4.2011, had approved the tariff based on the admitted capital cost of ₹5741.78 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	304.71	304.71	304.71	109.13	109.13
Interest on Loan	0.00	0.00	0.00	0.00	0.00
Return on Equity	435.74	435.74	435.74	435.74	435.74
Interest on Working	17.35	17.46	17.58	13.62	13.75
O & M Expenses	38.35	40.55	42.88	45.32	47.89
Total	796.16	798.47	800.91	603.82	606.51

- 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 8.6.2011 in Petition No. 238/2010.
- 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 ₹5741.78 lakh for the instant asset by the Commission in order dated 1.4.2011 in Petition No 206/2010;
 - 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:

Asset-1

(₹in lakh)

Particulars	2009-10	2010 – 11	2011 -12	2012 – 13	2013 - 14
Revised AFC based	826.52	946 24	849.16	652.06	660.69
on truing up	020.32	846.24	049.10	652.06	660.69

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	657.33	658.88	660.42	662.05	663.72

- 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 Central Electricity Regulatory Commission (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 9.9.2014 and 2.11.2015. 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 27.10.2015

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 ₹ 5741.78 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) The Commission vide para 26 of its order dated 1.4.2011 in petition 206/2010 had already recognised that the instant Asset had completed 12 years on 1.12.11. Accordingly, depreciation for the Asset till 2011-12 was provided by straight line method. For years 2012-13 and 2013-14 in respect depreciation has been calculated based on the remaining depreciable value to be recovered in the balance useful life.
- e) 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. The Commission vide para 23 of its order dated 1.4.2011 in petition 206/2010 had already recognised that both normative loan and actual loan for the Asset has been repaid prior to 31.3.2009 therefore, no interest on loan was allowed.

- f) Interest on working Capital and Operation & Maintenance expenses has been considered in accordance with the 2009 Regulations.
- Accordingly, the annual fixed charges for the transmission system under the 11. 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	5741.78	5741.78	5741.78	5741.78	5741.78
Additional Capitalisation	0.00	0.00	0.00	0.00	0.00
Closing Gross Block	5741.78	5741.78	5741.78	5741.78	5741.78
Average Gross Block	5741.78	5741.78	5741.78	5741.78	5741.78
Depreciation					
Rate of Depreciation	5.3070%	5.3070%	5.3070%	5.3070%	5.3070 %
Depreciable Value	5167.60	5167.60	5167.60	5167.60	5167.60
Elapsed Life (Beginning of the year)	9	10	11	12	13
Weighted Balance Useful life of the combine assets	26	25	24	23	22
Remaining Depreciable Value	3424.13	3119.42	2814.70	2509.99	2400.86
Depreciation	304.71	304.71	304.71	109.13	109.13
Interest on Loan					
Gross Normative Loan	3249.12	3249.12	3249.12	3249.12	3249.12
Cumulative Repayment upto Previous Year	3249.12	3249.12	3249.12	3249.12	3249.12
Net Loan-Opening	0.00	0.00	0.00	0.00	0.00
Additions	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
Weighted Average Rate of Interest on Loan	5.0792%	3.8285%	2.7761%	2.2839%	2.0200 %
Interest	0.00	0.00	0.00	0.00	0.00
Return on Equity					
Opening Equity	2492.66	2492.66	2492.66	2492.66	2492.66
Additions	0.00	0.00	0.00	0.00	0.00
Closing Equity	2492.66	2492.66	2492.66	2492.66	2492.66
Average Equity	2492.66	2492.66	2492.66	2492.66	2492.66
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	465.48	482.53	483.00	483.00	488.81				
Interest on Working Capital	Interest on Working Capital								
Maintenance Spares	5.75	6.08	6.43	6.80	7.18				
O & M expenses	3.20	3.38	3.57	3.78	3.99				
Receivables	137.75	141.04	141.53	108.68	110.11				
Total	146.70	150.50	151.53	119.25	121.29				
Interest	17.97	18.44	18.56	14.61	14.86				
Annual Transmission Charg	ges								
Depreciation	304.71	304.71	304.71	109.13	109.13				
Interest on Loan	0.00	0.00	0.00	0.00	0.00				
Return on Equity	465.48	482.53	483.00	483.00	488.81				
Interest on Working Capital		18.44	18.56	14.61	14.86				
	17.97								
O & M Expenses	38.35	40.55	42.88	45.32	47.89				
Total	826.52	846.23	849.16	652.06	660.69				

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 as follows:
 - a) The capital cost of ₹ 5741.78 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) As in the present petition Asset had completed 12 years prior to 1.4.2014. Accordingly, depreciation for the Asset has been spread over based on the remaining depreciable value to be recovered in the balance useful life.
- e) In the present petition, as the loan has already been repaid prior to 31.3.2014, the petitioner has not claimed any interest on loan.
- f) Interest on working Capital and Operation & Maintenance expenses have been considered in accordance with the 2014 Tariff Regulations.
- 13. Accordingly, the annual fixed charges for the transmission asset under the petition has been worked out and allowed as under:

(₹ in lakh)

					(₹ in lakh)			
Particulars	2014-15	2015-16	2016-17	2017-18	2018-19			
Gross Block								
Opening Gross Block	5741.78	5741.78	5741.78	5741.78	5741.78			
Additional Capitalisation	0.00	0.00	0.00	0.00	0.00			
Closing Gross Block	5741.78	5741.78	5741.78	5741.78	5741.78			
Average Gross Block	5741.78	5741.78	5741.78	5741.78	5741.78			
Depreciation	Depreciation							
Rate of Depreciation	5.3070%	5.3070%	5.3070%	5.3070%	5.3070%			
Depreciable Value	5167.60	5167.60	5167.60	5167.60	5167.60			
Elapsed Life (Beginning of the year)	14	15	16	17	18			
Weighted Balance Useful life of	21	20	19	18	17			
the combine assets Remaining Depreciable Value	2291.73	2182.60	2073.47	1964.34	1855.21			
Depreciation	109.13	109.13	109.13	109.13	109.13			
Interest on Loan	109.13	109.13	109.13	109.13	109.13			
Gross Normative Loan	3249.12	3249.12	3249.12	3249.12	3249.12			
	3249.12	3249.12	3249.12	3249.12	3249.12			
Cumulative Repayment upto Previous Year								
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			
Weighted Average Rate of Interest	1.9300%	1.9300%	1.9300%	1.9300%	1.9300%			
on Loan Interest	0.00	0.00	0.00	0.00	0.00			
Return on Equity	0.00	0.00	0.00	0.00	0.00			
Opening Equity	2492.66	2492.66	2492.66	2492.66	2492.66			
Additions	0.00	0.00	0.00	0.00	0.00			
	2492.66	2492.66	2492.66	2492.66	2492.66			
Closing Equity Average Equity	2492.66	2492.66	2492.66	2492.66	2492.66			
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			
` ,	19.610%	19.610%	19.610%	19.610%	19.610%			
Rate of Return on Equity Return on Equity	488.81	488.81	488.81	488.81	488.81			
Interest on Working Capital	400.01	400.01	400.01	400.01	400.01			
Maintenance Spares	6.49	6.71	6.93	7.16	7.40			
O & M expenses	3.60	3.73	3.85	3.98	4.11			
Receivables	109.56	109.81	110.07	110.34	110.62			
Total	119.64	120.25	120.85	121.47	122.12			
Interest	16.15	16.23	16.31	16.40	16.49			
Annual Transmission Charges	10.13	10.23	10.51	10.40	10.43			
Depreciation Depreciation	109.13	109.13	109.13	109.13	109.13			
Interest on Loan	0.00	0.00	0.00	0.00	0.00			
Return on Equity	488.81	488.81	488.81	488.81	488.81			
Interest on Working Capital O & M Expenses	16.15 43.24	16.23 44.71	16.31 46.18	16.40 47.71	16.49 49.30			
Total	657.33	658.88	660.43	662.05	663.73			

- 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 at this stage and cannot be entertained.
- 16. The petitioner shall be entitled for reimbursement of licence fee in accordance with Regulation 42A (1) (b) of the 2009 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 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.

18. The petitioner is directed to work out the tax on return on equity and the deferred tax liability for the period 2014-19 as per the observations made in order dated 15.4.2015 in Petition No. 532/TT/2014.

Sharing of Transmission Charges

- 19. 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.
- 20. This order disposes of Petition No. 140/TT/2014.

sd/- sd/-

(Dr. M.K. Iyer) (A.S. Bakshi) (A.K. Singhal)

Member Member Member

Annexure-1

	CALCULATION OF WEIGHTED AVERAGE RATE OF INTEREST ON LOAN							
					(₹ in Lakh)		
	Details of Loan	2009-10	2010-11	2011-12	2012-13	2013-14		
1	BOND- VI							
	Gross loan opening	161.00	161.00	161.00	161.00	161.00		
	Owner de l'est Deserver en l'est le	440.70	400.00	444.00	404.00	404.00		
	Cumulative Repayment upto	112.70	128.80	144.90	161.00	161.00		
	DOCO/previous year	40.00	22.22	40.40	0.00	0.00		
	Net Loan-Opening	48.30	32.20	16.10	0.00	0.00		
	Additions during the year	0.00	0.00	0.00	0.00	0.00		
	Repayment during the year	16.10	16.10	16.10	0.00	0.00		
	Net Loan-Closing	32.20	16.10	0.00	0.00	0.00		
	Average Loan	40.25	24.15	8.05	0.00	0.00		
	Rate of Interest	13.13%	13.13%	13.13%	13.13%	13.13%		
	Interest	5.28	3.17	1.06	0.00	0.00		
	Rep Schedule	10	Annual Inst	talments fro	m 06.12.20			
2	BOI(Foreign Currency)							
	Gross loan opening	197.62	197.62	197.62	197.62	197.62		
			00.10					
	Cumulative Repayment upto	52.00	62.40	72.80	83.20	93.60		
	DOCO/previous year	4.45.00	1 10 10	400.00	440.00	400.00		
	Net Loan-Opening	145.62	140.42	130.02	119.62	109.22		
	Additions during the year	0.00	0.00	0.00	0.00	0.00		
	Repayment during the year	10.40	10.40	10.40	10.40	10.40		
	Net Loan-Closing	135.22	130.02	119.62	109.22	98.82		
	Average Loan	140.42	135.22	124.82	114.42	104.02		
	Rate of Interest	2.77%	2.17%	2.11%	2.28%	2.02%		
	Interest	3.89	2.93	2.63	2.61	2.10		
	Rep Schedule			instalment				
	Total Loan							
	Gross loan opening	358.62	358.62	358.62	358.62	358.62		
	Cumulative Repayment up to	164.70	191.20	217.70	244.20	254.60		
	DOCO/previous year							
	Net Loan-Opening	193.92	172.62	146.12	119.62	109.22		
	Additions during the year	0.00	0.00	0.00	0.00	0.00		
	Repayment during the year	26.50	26.50	26.50	10.40	10.40		
	Net Loan-Closing	167.42	146.12	119.62	109.22	98.82		
	Average Loan	180.67	159.37	132.87	114.42	104.02		
	Rate of Interest	5.0792%	3.8285%	2.7761%	2.2839%	2.0200%		
	Interest	9.18	6.10	3.69	2.61	2.10		

Annexure-2

	Annexure-2							
	CALCULATION OF WEIGHTED AVERAGE RATE OF INTEREST ON LOAN							
	[.	1	2215 12			₹ in Lakh)		
	Details of Loan	2014-15	2015-16	2016-17	2017-18	2018-19		
1	BOI(Foreign Currency)							
	Gross loan opening	197.62	197.62	197.62	197.62	197.62		
	Cumulative Repayment upto	104.00	114.40	124.80	135.20	145.60		
	DOCO/previous year							
	Net Loan-Opening	93.62	88.42	78.02	67.62	57.22		
	Additions during the year	0.00	0.00	0.00	0.00	0.00		
	Repayment during the year	10.40	10.40	10.40	10.40	10.40		
	Net Loan-Closing	83.22	78.02	67.62	57.22	46.82		
	Average Loan	88.42	83.22	72.82	62.42	52.02		
	Rate of Interest	1.93%	1.93%	1.93%	1.93%	1.93%		
	Interest	1.71	1.61	1.41	1.20	1.00		
	Rep Schedule	Equal	Half yearly	instalment	from 10.06	.2004		
	Total Loan							
	Gross loan opening	197.62	197.62	197.62	197.62	197.62		
	Cumulative Repayment upto	104.00	114.40	124.80	135.20	145.60		
	DOCO/previous year							
	Net Loan-Opening	93.62	88.42	78.02	67.62	57.22		
	Additions during the year	0.00	0.00	0.00	0.00	0.00		
	Repayment during the year	10.40	10.40	10.40	10.40	10.40		
	Net Loan-Closing	83.22	78.02	67.62	57.22	46.82		
	Average Loan	88.42	83.22	72.82	62.42	52.02		
	Rate of Interest	1.93%	1.93%	1.93%	1.93%	1.93%		
	Interest	1.71	1.61	1.41	1.20	1.00		