

# Kanan Devan Hills Plantations Company Private Limited Electricity Distribution Operations

# AGGREGATE REVENUE REQUIREMENT & EXPECTED REVENUE FROM CHARGES

ARR & ERC — PROJECTION 2014/15

November 16, 2013

#### BEFORE THE HON'BLE KERALA STATE ELECTRICITY REGULATORY COMMISSION

Filing No.

IN THE MATTER OF Application for approval of the Aggregate Revenue

Requirement and Expected Revenue from Charges for the year 2014-15 under regulation 3 of The Kerala State Electricity

Regulatory Commission (Tariff) Regulations 2003.

AND

**IN THE MATTER OF** Kanan Devan Hills Plantations Company Private Limited(KDHP),

KDHP House, Munnar 685612

through

Mr P M Srikrishnan Executive Director.

The petitioner named above respectfully submits as under:

- 1. This Application for approval of the Aggregate Revenue Requirement (ARR) and the Expected Revenue from Charges (ERC) for the year 2014-15 is being filed before the Kerala State Electricity Regulatory Commission, (hereinafter referred to as Commission), in accordance with regulation 3 of the Kerala State Electricity Regulatory Commission (Tariff) Regulations 2003.
- 2. This filing is made in accordance with Kerala State Electricity Regulatory Commission (Conduct of Business) Regulations, 2003 and Kerala State Electricity Regulatory Commission (Tariff) Regulations 2003. The relevant provisions of the Indian Electricity Act, 1910, Electricity (Supply) Act, 1948 and Electricity Regulatory Commission Act, 1998 have also been taken into consideration while preparing this Application.
- 3. The Application has also been prepared in accordance with the directions of the Honourable Commission contained in their letter No. KSERC/ARR&ERC/2005/1070 dated 9<sup>th</sup> August, 2005.

(P M SRIKRISHNAN)

Executive Director
Kanan Devan Hills Plantations Company Private Limited.
Munnar,

Kerala – Pin 685 612

Date: November 16, 2013

#### AFFIDAVIT VERIFYING THE APPLICATION ACCOMPANYING FILING OF PROPOSED ARR & ERC

I, P M Srikrishnan, aged 54 years, son of late Mr P R Mahadevan, residing at Munnar Bungalow, Munnar, do hereby solemnly affirm and state as follows:

I am the Executive Director of Kanan Devan Hills Plantations Company Private Limited (KDHP), Munnar and the petitioner in the above matter and I am duly authorized by the Company to make this affidavit on its behalf. I solemnly affirm at Munnar on this, the November 16, 2013 that –

- i. the contents of the above petition are true to my information, knowledge and belief. I believe that no part of it is false and no material has been concealed therefrom.
- ii. the statements made in paragraphs of the accompanying application are true to my knowledge and are derived from the official records made available to me and are based on information and advice received which I believe to be true and correct

Deponent

Executive Director Kanan Devan Hills Plantations Company Private Limited, Munnar Kerala – Pin 685 612

#### **VERIFICATION**

I, the above named deponent, solemnly affirm at Munnar on this, the November 16,2013 that the contents of the affidavit are true to my information, knowledge and belief, that no part of it is false and that no material has been concealed therefrom.

Deponent

Executive Director Kanan Devan Hills Plantations Company Private Limited, Munnar Kerala – Pin 685 612

Solemnly affirmed and signed before me.

**Advocate and Notary** 

ARR & ERC 2014/15

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#### 1.0 BACKGROUND

#### 1.1 **HISTORICAL EVENTS**

- 01-02-1910 Agreement (the 1910 agreement) with Government of Travancore, pursuant to which Power Station, structures, erections and appliances had been erected and installed by Kanan Devan Hills Produce Company Ltd.(KANAN DEVAN) on the left bank of Munnar river.
- 27-03-1928 Agreement with the Government of Travancore, by which the government granted the KANAN DEVAN the right to divert and use water from the Munnar river for generation of electrical energy for a period of 27 years. The Government further granted a piece of land on the right bank of the river to build and operate a power station and the company erected a power station. Pursuant to the aforesaid agreements of 1928, KANAN DEVAN constructed and laid channels, waterways, pipes and other appliances for conveying water to the Power Station on the right and left banks of the Munnar river.
- 28-05-1948 Agreement with the Government by which the 1928 agreement was cancelled as at 12-4-1940, as the Government wanted to generate power. All the buildings, plant, channels, etc. of the KANAN DEVAN conveyed to the Government at the original cost minus depreciation which worked out only to Rs.263869/-. All the lands were surrendered and the value obtained was only Rs.50/-. The relevant clauses in the 1948 agreement were:

#### Clause 5:

The Government agreed to supply electrical energy to the KANAN DEVAN for its own use and or for distribution to AADTT Company and other consumers.

#### Clause 8

The Government will supply to the company electrical energy in bulk for its own use and to other consumers within the area

#### Clause 10

The Company has to pay for the electrical energy supplied at the sliding scale of rates set forth in the fifth schedule

#### Clause 20

If the Government ceases to produce electrical energy, the company then shall have the right for a period of twenty years there from to generate power and to re-purchase the equipment sold by the company.

#### Clause 21

The company was entitled to assign its part of the agreement to any company to whom substantial part of the assets of the KANAN DEVAN in the State of Travancore may be transferred.

- 31-12-1976 The assets, rights and liabilities of the KANAN DEVAN transferred to Tata Finlay Limited, which subsequently changed the name to Tata Tea Limited (TTL), as a going concern.
- 15-11-1979 Deed of assignment between KANAN DEVAN and Tata Finlay Limited by which the rights under the 1948 agreement was specifically assigned to Tata Finlay Limited, which Subsequently changed the name to Tata Tea Limited (TTL). TTL thereafter became the Sole Sanction Holder for distribution of power in Munnar and its neighbouring areas covering an extent of about 240 sg kms.
- 1.04.2005 TTL transferred all the seventeen estates including factories and other assets owned by it as 'concession area' in Munnar to a newly formed Company, Kanan Devan Hills Plantations Company Private Limited (KDHP) promoted by the employees of TTL This included Devikulam estate which was transferred to KDHP on 2<sup>nd</sup> July 2005. Following transfer of its major business interests in Munnar, TTL desired that the Electricity Distribution Licence held by it is also transferred to KDHP.
- 9.01.2007 The Hon. Kerala State Electricity Regulatory Commission grants Licence vide notification No.I/2007 dated 09.01.2007, and amended by notification No. II/2007 dated 26.03.2007, to KDHP, the Petitioner herein, to undertake Electricity Distribution Business in the Licence Area then under TTL.
- 18.06.2007 TTL transfers the Electricity Distribution Business to the Petitioner. The Petitioner commences the business from 1<sup>st</sup> July 2007.
- 1.2 However despite granting of Licence to the Petitioner by the Hon. Commission and transfer of the business by TTL to the Petitioner, KSEB continues to raise bills in the name of TTL for power supplied to the Petitioner. This is despite numerous requests from the Petitioner to KSEB to enter into a Power Purchase Agreement and also despite the Order dated 21st August 2007 of the Hon. High Court of Kerala in W P (C) No 23095/2007 in this regard. The matter was also the subject of the petition filed by the Petitioner before the Hon. High Court of Kerala in WP (C) No 139/2010, the Court has passed Order on 1st June 2012 permitting the parties to the petition to approach the Hon .Commission by filing an application under Section 86(f) of the Electricity Act, 2003 for the Commission to pass appropriate Order. In compliance with the judgment the petitioners to the said petition have already filed an application bearing no. OP 33/2012 before the Hon. Commission. The Commission has passed an Order on 14<sup>th</sup> May 2013 in the matter directing that KDHP and KSEB to arrive at a mutually acceptable solution on the dispute arising from the latter's Board Order No. 3621/2005 dated 20.12.2005, negotiate and conclude the PPA between them, produce the PPA to the Commission for its approval and thereafter report to the Commission on the matter. A meeting to discuss the matter as directed by the Commission was held with KSEB on 31st August 2013. We are now awaiting draft PPA from KSEB that could be perused by us and then taken up with them for finalization with any changes that we may seek to the draft sent by them.

In response to a petition no. TP/69/2009 dated 18<sup>th</sup> December 2009 filed by KSEB seeking to 1.3 revise the Petitioner's tariff with retrospective effect from 1<sup>st</sup> December 2007 on the lines contained in the Order dated 26.11.2007 on revision of tariff to Licensees, the Hon. Commission passed an Order dated 25<sup>th</sup> May 2010 allowing the petition of KSEB to enhance the tariff with effect from 1<sup>st</sup> December 2007. The Petitioner challenged the Order of the Hon. Commission before the Hon. Appellate Tribunal for Electricity, New Delhi. The Tribunal upheld the Order dated 25<sup>th</sup> May 2010 of the Hon Commission. The Petitioner has challenged the Order before the Hon. Supreme Court of India. The Order of the Hon. Commission dated 26<sup>th</sup> April 2011 on the Truing-up Petitions of the Petitioner for the years 2005-06 to 2009-10 was challenged jointly by M/s Tata Global Beverages Limited, the previous Licensee, and the Petitioner before the Hon. Tribunal in Appeal No 93/2011. The Appeal was dismissed by the Hon. Tribunal by its Order dated 27<sup>th</sup> April 2012. The Petitioner has appealed against the Order before the Hon. Supreme Court of India .This Petition is prepared as per the Revenue Tariff contained in the Order dated 30<sup>th</sup> April 2013 and for the Power Purchase Cost per Order dated 27<sup>th</sup> May 2013 of the Hon. Commission in Petition OP No 2 of 2013 and without prejudice to the petitions filed by the Petitioner before the Hon. Supreme Court of India challenging the Orders dated 25<sup>th</sup> May 2010 and 26<sup>th</sup> April 2011 of the Hon. Commission and also the application no OP 33/2012 filed by the Petitioner before the Hon. Commission.

#### 2.0 UNITS PROJECTED AND TARIFF ADOPTED:

#### 2.1 Units Projected

As in the earlier years purchase units have been projected considering a 3% increase over the actual total units consumed for the last completed financial year which for the current ARR-ERC will be the year 2012/13.

#### 2.2 The tariff adopted are as under:

- 2.2.1 In this petition revenue from sale of power is computed per the Retail Tariff contained in the Order dated 30<sup>th</sup> April 2013 of the Hon. Commission in Petition OP No 2 of 2013.
- 2.2.2 Bulk Supply Tariff (BST) used in the petition for computation of power purchase cost is as per the Order dated 27<sup>th</sup> May 2013 of the Hon. Commission which is demand charge Rs.300 per KVA with penalty of 50% thereof for exceeding the Contracted Demand of 7000 KVA and Energy charge at Rs.3.80 per Kwh.
- 2.2.3 The T&D loss has been projected at 13.00% in the ARR-ERC for 2014-15 being the same level as in the approved truing-up petition for the year 2012-13. The petitioner will undertake every possible step to improve upon the T&D loss. However, it may please be noted that since replacement of distribution lines with those of higher cross section has been completed in almost all the areas where significant line loss was happening and the replacement in other areas are not expected to bring about any significant improvement in line loss, the line loss target should be retained at 13%.

#### 3.0 SUMMARY OF ARR AND ERC

				Rs/lakhs
Particulars	Actual	Projection	Approved	Projection
	2012/13	2013/14	2013-14	2014/15
Aggregate Revenue Requirement	1980.91	2114.27	1973.42	2106.72
LESS: Tariff Income & Non Tariff Income	1753.76	1962.18	1962.18	2002.48
REVENUE EXCESS/(DEFICIT) before Tax	(227.15)	(152.09)	(11.24)	(104.24)
Less: Return on Capital @ 14%			(5.00)	
REVENUE EXCESS/(DEFICIT)	(227.15)	(152.09)	(16.24)	(104.24)

#### 4.0 TREATMENT OF THE REVENUE GAP

There is a revenue deficit of Rs.104.24 lakhs projected for the year 2014-15. It is respectfully submitted that considering that the retail tariff being applied by the Licensee for sale of electricity to its consumers follows the tariff applied by KSEB for its own consumers and in keeping with the policy that the retail tariff through out the State should be same and the power purchase tariff for various licensees within the state can vary depending upon the profitability of operations of the Licensees, our power purchase tariff for purchase of power from KSEB should be reduced suitably to absorb the estimated loss of Rs 104.24 lakhs. This would require the energy tariff to be reduced from Rs.3.80 /kwh to Rs.3.56/kwh on the net 43.53 Mn units to be purchased.

#### 5.0 LONG PENDING ISSUES

- 5.1 When power is drawn by the Petitioner from KSEB system at two points, the chargeable Demand is determined by arithmetical summation of the recorded/computed Maximum Demand at the two points. This is incorrect, as the combined Maximum Demand should not exceed the maximum combined simultaneous load of a specified interval.
- 5.2 During the compliance exercise conducted by the Hon. Commission in February 2010, the Petitioner had pointed out to the Compliance Officer the other important issues relating to its Electricity Distribution Operations. Some of these issues are as under.
  - 5.2.1 As required by KSEB the Petitioner has since long installed 14 Nos. CT/PT units at the feedback points to KSEB and providing the monthly reading from these units to KSEB regularly to facilitate their raising monthly bill on the Petitioner for purchase of power. However, KSEB while raising their bill are ignoring the MD recorded in these units and adopting MD as per their earlier formula thereby defeating the very purpose of these investments.
  - 5.2.2 Power from the 2 MW Madupatty Hydel Power Station (MHPS) is directly fed into the Petitioner's grid. MHPS is run depending upon the requirement of water at

Chitrapuram Power House (CPH). Therefore during most of the months MHPS is run only for a few days but this results in the Petitioner logging into the Maximum Demand for the month for the supply from MHPS. Thereafter during the months when MDPS is not operated for the entire month the Petitioner is required to draw the shortfall of power so arising from CPH thereby logging on to additional MD at CPH too. This, along with what is stated in paragraph 5.1, above leads to billing the Petitioner for an artificially determined very high MD. This is a very unfair practice and the Petitioner would humbly seek immediate intervention of the Hon. Commission in the matter.

#### 6.0 CAPITAL EXPENDITURE.

The Petitioner is proposing a capital expenditure of Rs.33.44 lakhs for the year 2014-15 to be funded by its main business, tea plantations. This will be spent subject to the availability of funds during the year.

#### 7.0 PRAYER

The Petitioner, therefore, prays that the Honourable Commission may be pleased to approve the accompanying ARR/ERC for 2014-15 along with the capital expenditure programme for the year and allow reduction in the energy tariff for purchase of electricity from Rs 3.80/KwH to Rs.3.56/KwH as stated in Para 4 and issue suitable directives on the matters discussed in paragraphs 5.1 and 5.2 above.

The application for approval of ARR & ERC for 2014-15 contains the following Annexures.

- Forms A to Z Duly completed.
- Draft for **Rs. 40050** /- being 0.02% of the estimated revenue from charges Rs 2002.48 lakhs towards filing fee is enclosed.

#### 8.0 Review of Performance

#### 8.1 Revenue Earnings

The following table shows the income of the Petitioner from sale of power.

The revenue earnings have been kept at the level actually achieved in 2012-13 plus 3% overall growth thereof are as under:

SI. No.		Actual 2012-13		Projection 2013-14		Approved 2013-14			Projection 2014-15				
	Consumer Category	Energy sold	Revenue	Rs/ KwH	Energy sold	Revenue	Rs/ KwH	Energy sold	Revenue	Rs/ KwH	Energy sold	Revenue	Rs/ KwH
		Unit/		IXVVII	Unit/		KWII	Unit/	Rs/	KVVII	Unit/		KVVII
ļ		Mn.	lakhs		Mn.	lakhs		Mn.	lakhs		Mn.	lakhs	
1	HT I Industrial	22.63	1095.89	4.84	23.37	1240.93	5.31	23.37	1240.93	5.31	23.06	1312.64	5.69
2	HT III Agriculture	0.00	0.00	0.00	0.25	6.45	2.54	0.25	6.45	2.54	0.24	7.23	2.96
3	HT IV Commercial	1.80	121.95	6.77	1.82	132.95	7.30	1.82	132.95	7.30	1.86	144.39	11.74
4	LT I Domestic	6.75	150.81	2.23	5.85	149.50	2.56	5.85	149.50	2.56	6.96	147.98	2.84
5	LT II Colonies	0.30	19.48	6.47	1.38	91.98	6.66	1.38	91.98	6.66	0.31	20.42	7.44
	LT III Temporary Connections	0.59	25.81	4.39	0.61	28.78	4.72	0.61	28.78	4.72	0.61	31.47	6.01
7	LT IV Industries	0.02	0.28	1.26	0.05	0.71	1.50	0.05	0.71	1.50	0.02	0.35	2.91
8	LT V Agriculture	0.77	55.02	7.17	0.87	63.91	7.39	0.87	63.91	7.39	0.79	60.45	6.75
9	LT VI Non-Domestic	2.65	231.66	8.74	2.57	225.58	8.78	2.57	225.58	8.78	2.73	254.48	9.53
10	LT VII Commercial	0.31	8.11	2.58	0.27	10.77	3.85	0.27	10.77	3.85	0.32	8.11	2.50
11	Other Income		10.28			2.20			2.20			6.50	
	Total	35.83	1719.30	4.80	37.04	1953.75	5.27	37.04	1953.75	5.27	36.90	1994.02	5.40

#### 8.2 AT & CLOSSES

The AT & C loss is anticipated to be at 13%.

#### 9.0 AGGREGATE REVENUE REQUIREMENT

# 9.1 Cost of power purchased

The Petitioner purchases its entire requirement of electricity from KSEB. This petition is prepared as per Bulk Supply Tariff contained in the Order dated 27<sup>th</sup> May 2013 of the Hon. Commission:

- Demand charge Rs.300/- per KVA
- Energy charges at Rs.3.80 per KWH

The Petitioner has projected total retail sale at the same level as the actual for 2012/13 plus an overall increase in consumption by 3%. The line loss has been estimated at 13%. As mentioned above since replacement of distribution lines with those of higher cross section has been completed in almost all the areas where significant line loss was happening and the replacement in other areas are not expected to bring about any significant improvement in line loss, it is felt that the line loss target should be retained at the estimated level.

Particulars	Actual	Projection	Approved	Projection
Pai liculai S	2012/13	2013/14	2013-14	2014/15
Total Projected Consumption [MU]	50.08	50.49	49.91	50.97
Less: Feed Back Units [MU]	7.23	6.88	6.88	7.45
Billed Units (MU)	42.85	43.61	43.03	43.53
Contract Demand [KVA]	7000	7000	7000	7000
Excess Demand [KVA]	-	-	-	-
Total Projected Demand [KVA]	80785	84000	84000	84000
ENERGY CHARGES				
Energy Charges	1519.00	1613.39	1592.11	1654.01
Contract Demand Charges	-	252.00	252.00	252.00
Excess Demand	-	-	-	-
Total Demand Charges	229.71	252.00	252.00	252.00
Total Power Purchase Cost	1748.71	1865.39	1844.11	1906.01

# 9.2 Repair and maintenance cost

KDHP maintains 174 km 11 KV HT OH line and 184 km LT 3 Phase OH line with 116 numbers of various rated distribution transformers. The expenditure incurred for OH line, transformers, building, etc. are outlined below:

					Rs/lakhs
SI.	Particulars	Actual	Projection	Approved	Projection
No.	Pal liculais	2012/13	2013/14	2013-14	2014/15
1	Buildings	1.08	1.14	1.14	1.78
	Cable, Lines new works	13 18	13 04	13 04	16 18
2	(Upkeep Transmission Line - HT)	13.10	13.04	13.04	10.10
3	Upkeep LT Lines	4.80	4.63	4.63	5.41
4	Vehicles/Fuel & Maintenance	1.52	1.93	1.93	2.01
5	Others ( <i>Upkeep lighting installations</i> )	0.55	0.31	0.31	0.58
	Total:	21.13	21.05	21.05	25.96

# 9.3 Employee Cost

The expenses toward employees' salary and allowances are outlined below:

SI. No.	Particulars	Actual 2012/13	Projection 2013/14	Approved 2013-14	Projection 2014/15			
1	Salaries	22.39	24.56		24.73			
2	Overtime	17.73	15.52		17.67			
3	DA	11.80	14.79		20.02			
4	Other allowances	2.89	4.55		5.50			
5	Bonus	2.71	2.19		3.23			

					Rs/lakhs
SI. No.	Particulars	Actual 2012/13	Projection 2013/14		
	Sub Total 1 to 5	57.52	61.61		71.15
6	Medical Expenses reimbursement	0.14	0.26		0.15
7	Leave Travel Concession	0.30	0.27		0.38
8	Earned Leave Encashment	0.63			0.63
9	Payment under Workmen's Compensation	0.15			
10	Contribution to PF	4.78	4.20		5.16
	Sub Total 6 to 10	6.00	4.73		6.32
11	Staff welfare expenses	0.57	0.79		0.86
12	Terminal benefits				
13	Salary of Manager/Executive	17.62	18.27		20.94
	Proportion of Executive Director/				21.03
14	Manager-Finance Salaries & Allowances	17.79	17.17		21.03
	Sub Total of 11 to 14	35.98	36.23		42.83
	Grand Total	99.50	102.57	72.13	120.30

# 9.4 Administration and Office Expenses:

The details of the same are given below:

# Rs/lakhs

SI No	Particulars	Actual 2012/13	Projection 2013/14	Approved 2013-14	Projection 2014/15
1	Rents, rates and taxes	0.44	0.94		0.44
2	Security arrangements	0.87	0.86		0.86
3	Insurance	0.14	0.43		0.15
4	Telephone/courier charges, etc.	0.05	0.09		0.05
6	Legal charges	1.98	5.00		2.50
7	Bank Charges on Bank Guarantee	6.42	5.00		5.00
8	Audit Fees	0.56	0.61		0.62
9	Consultancy charges		0.85		0.85
12	Travelling expenses	0.05	0.11		0.05
13	Conveyance and vehicle hire charges	0.14	0.05		0.05
	Sub Total	10.65	13.94		10.57
14	OTHER EXPENSES				
	(a) Fees and subscriptions/Yearly Licensee Fee	0.45	0.45		0.52
	(b) Computer Stationery		0.21		
	(c) Printing & Stationery	0.62	0.56		0.69
	(d) Advertisements		0.12		
	(e) Contributions/Donations				

SI No	Particulars		Projection 2013/14		
	(f) Electricity Charges	0.62	0.66		0.66
	(h) Miscellaneous Expenses (Busfare & Batta)	2.89	1.51		3.37
	Total of other expenses	4.58	3.51		5.24
	Grand Total	15.23	17.45	8.94	15.81

# 9.5 Depreciation on Electricity Distribution System

The depreciation computations for the year 2014-15 have been computed as per CERC norms:

					Rs/lakhs
SI No	Particulars	Actual 2012/13	Projection 2013/14	Approved 2013-14	Projection 2014/15
1	Original Cost	295.19	331.52	331.52	328.63
2	Depreciation	15.74	18.60	16.51	17.34

The depreciation rates adopted for computation for the year 2014-15 are given below:

Item	Rate of Depreciation
11 KV works	5.28%
LT Lines, Service connections etc.	5.28%
Metering Equipment	5.28%
Miscellaneous Equipment	6.33%

Opening balances of the fixed assets as at 31<sup>st</sup> March 2014 have been arrived at by including projected additions/deletions and depreciation for the year 2013-14 to the actual balance as at 31<sup>st</sup> March 2013 . However, we are not contemplating any asset addition during 2013/14 and therefore, no addition has been considered to arrive at the fixed assets.

# 9.6 Interest & Finance Charges

#### Rs/lakhs

Vehicle	Actual 2012/13	Projection 2013/14	• • •	•
Interest on Working Capital	59.86	68.66	2.05	-
Interest on Security Deposit	8.25	8.43	8.43	8.46
Total	68.11	77.10	10.48	8.46

#### 9.7 Other Debits

	Actual 2012/13	Projection 2013/14	Approved 2013-14	Projection 2014/15
Duty -III.	11.79	11.91		12.14
Duty on Line Loss	0.50			0.50
Periodic Inspection Charges.	0.20	0.20	0.20	0.20
Total.	12.49	12.11	0.20	12.84

# 9.8 Summary of ARR

The summary of the ARR is furnished below:

#### Rs/lakhs

Particulars	Actual	Projection	Approved	Projection
Particulars	2012/13	2013/14	2013-14	2014/15
Purchase of Power	1748.71	1865.39	1844.11	1906.01
Repairs & Maintenance	21.13	21.05	21.05	25.96
Employee Costs	99.50	102.57	72.13	120.30
Administrative & Office Expenses	15.23	17.45	8.94	15.81
Depreciation on Electricity Distribution System.	15.74	18.60	16.51	17.34
Interest & Finance Charges	68.11	77.09	10.48	8.46
Other Debits	12.49	12.11	0.20	12.84
Return on Equity			5.00	
<u>ARR</u>	1980.91	2114.27	1978.42	2106.72

#### 10.0 EXPECTED REVENUE FROM CHARGES

The Revenue from Charges has been computed as per the revised Retail Tariff contained in the Order dated 30<sup>th</sup> April 2013 of the Hon. Commission. The sale units for the year 2014-15 is based on the actual units sold under various categories during the year 2012-13 adjusted to a 3% growth in the consumption and the units so arrived at adjusted to the current Demand/Energy Tariff.

#### 10.1 The summary of the estimated revenue for 2014-15 is given in the following table:

		MILLION UNITS				RUPEES IN LAKHS			
SI. No.	Category	Actual	Projection	Approved	Projection	Actual	Projection	Approved	Projection
		2012/13	2013/14	2013/14	2014/15	2012/13	2013/14	2013/14	2014/15
1	(i) HT I Industrial	22.63	23.37	23.37	23.06	1095.89	1240.93	1240.93	1312.64

	Total	50.08	50.49	49.91	50.97	1719.30	1951.56	1953.75	1994.02
13	Other Income					10.29		2.20	6.50
12	Feedback	7.23	6.88	6.88	7.45				
11	Line Loss	7.03	6.57	5.99	6.62				
10	(x) LT VII Commercial	0.31	0.28	0.27	0.32	8.11	10.77	10.77	8.11
9	(ix) LT VI Non-Domestic	2.65	2.57	2.57	2.73	231.66	225.58	225.58	254.48
8	(viii) LT V Agriculture	0.77	0.87	0.87	0.79	55.02	63.91	63.91	60.45
7	(vii) LT IV Industries	0.02	0.05	0.05	0.02	0.28	0.71	0.71	0.35
6	(vi) LT III Temporary Connections	0.59	0.61	0.61	0.61	25.81	28.78	28.78	31.47
5	(v) LT II Colonies	0.30	1.38	1.38	0.31	19.48	91.98	91.98	20.42
4	(iv) LT I Domestic	6.75	5.85	5.85	6.96	150.81	149.50	149.50	147.98
3	(iii) HT IV Commercial	1.80	1.82	1.82	1.86	121.95	132.95	132.95	144.39
2	(ii) HT III Agriculture		0.25	0.25	0.24		6.45	6.45	7.23

#### 10.2 Non Tariff Income

The detailed split up of the non tariff income is given below:

				Rs/lakhs
Particulars	Actual	Projection	Approved	
	2012/13	2013/14	2013-14	2014/15
Sale of scrap	6.41	-	-	-
Interest on Deposit with KSEB		8.43	8.43	8.46
Miscellaneous charges	28.05	2.20		
Total:	34.46	10.63	8.43	8.46

#### 10.3 Revenue from KSEB

As per the order of the Honourable Commission feedback units to KSEB have been excluded for ARR calculation.

# 10.4 Total Expected Revenue from charges

This is the sum of the revenue from tariff and non tariff item. These are as under:

				Rs/lakhs
Nature of revenue	Actual	Projection	Approved	Projection
ivature or revenue	2012/13	2013/14	2013-14	2014/15
Tariff Income	1719.30	1951.55	1953.75	1994.02
Non Tariff Income	34.46	10.63	8.43	8.46
Total Income	1753.76	1962.18	1962.18	2002.48

#### 11.0 SUMMARY OF AGGREGATE REVENUE REQUIREMENT FOR THE FINANCIAL YEAR 2014-15

The details of expenses and income for the years 2012-13 (Actual), 2013-14 Projection and 2013-14 (Approved) and Projections for 2014/15 have already been provided earlier in this petition. The following table provides the summary of the corresponding revenue excess/ (deficit):

				Rs/lakhs
Particulars	Actual	Projection	Approved	Projection
	2012/13	2013/14	2013-14	2014/15
Aggregate Revenue Requirement	1980.91	2114.27	1973.42	2106.72
LESS: Tariff Income & Non Tariff Income	1753.76	1962.18	1962.19	2002.48
REVENUE EXCESS/(DEFICIT) before Tax	(227.15)	(152.09)	(11.24)	(104.24)
Add: Return on Capital @ 14%			5.00	
REVENUE EXCESS/(DEFICIT)	(227.15)	(152.09)	(16.24)	(104.24)

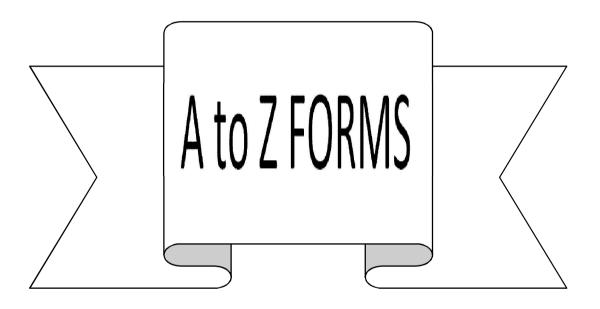
#### 12.0 TREATMENT OF REVENUE LOSS

It is respectfully submitted that considering that the retail tariff being applied by the Licensee for sale of electricity to its consumers follows the tariff applied by KSEB for its own consumers and in keeping with the policy that the retail tariff through out the State should be same and the power purchase tariff for various licensees within the state can vary depending upon the profitability of operations of the Licensees, our power purchase tariff for purchase of power from KSEB should be reduced suitably to absorb the estimated loss of Rs 1.04 Crores. This would require the energy tariff to be reduced from Rs 3.80/kwH to Rs.3.56/kwH on the net 43.53 Mn. units to be purchased.

#### 13.0 CAPITAL EXPENDITURE PROGRAM AND FUNDING PROGRAMME FOR THE SAME

We have projected for a capital expenditure of Rs.33.44 lakhs during 2014/15 as under. The Capital Expenditure will be funded by the main plantation operations of the Company. The following will be incurred subject to availability of funds during the year.

Particulars	Rs in Lakhs
Reconductoring work	33.44



#### FORM A

#### **ENERGY BALANCE**

(million units)

Current
Year

- / NOT APPLICABLE / Own generation at 220 KV (ex-bus) (a)
- (b) Net import at 220 kV\*\*
- Purchase at 220 kV (c)
- Total availability at 220 kV (a+b+c) (d)
- (e) Loss in 220 kV system
- Net availability at 220/110 kV interface (d)-(c) (f)
- Own generation at 110 kV (ex-bus) (g)
- Purchase at 110 kV, if any (h)
- Total availability at 110 kV (f+g+h) (i)
- (j) Loss in 110 kV system
- Sales at 110 kV (k)
- (l) Net availability at 110/66 kV interface (i-(j+k) / NOT APPLICABLE / / NOT APPLICABLE /
- (m) Own generation at 66 kV (ex-bus)
- Purchase at 66 kV, if any (n)
- Total availability at 66 kV (I+m+n) (o)
- Loss in 66 kV system (p)
- (q) Sales at 66 kV
- Net availability at 66 /11 kV interface (o-(p+q) (r)
- (s) Own generation at 11 kV(ex-bus) / NOT APPLICABLE /
- Purchase at 11 kV, if any (t)
- (u) Total availability at 11 kV (r+s+t)
- (v) Loss in 11 kV system
- Sales at 11 kV (w)
- Net availability at 11/0.4 kV interface (u-(v+w) (x)
- Loss in LT system (y)
- LT sales (x-y) (z)
  - (A) Total sales (k+q+w+z)
  - (B) Total loss (e+j+p+v+y)
  - (C) Total availability (d+g+h+m+n+s+t)
  - C=A+B

<sup>\*</sup> Applicable only to the Board

<sup>\*\*</sup> input at 400/220 kV at Trichur (Madakkathara) is assumed as at 220 kV

# FORM B

ROFIT & LOS	SS ACCOUNT				Rs/Lakh
Reference		Actual	Projection	Approved	Projection
Form No.	Items	2012-13	2013-14	2013-14	2014-1
	I. INCOME				
G	(a) Revenue from sale of Power	1719.30	1951.55	1953.75	1994.0
Н	(b) Revenue subsidies & grants *				
l	(c) Other Income	34.46	10.63	8.43	8.4
	Total (a+b+c)	1753.76	1962.18	1962.18	2002.4
	II. EXPENDITURE				
J	(a) Operation & Maintenance	21.13	21.05	21.05	25.9
K/L	(b) Employee Costs	99.50	102.57	72.13	120.3
М	(c) Administration/General expenses	15.23	17.45	8.94	15.8
N	(d) Depreciation	15.74	18.60	16.51	17.3
0	(e) Interest & Finance Charges	68.11	77.09	10.48	8.4
	Sub Total (a+b+c+d+e)	219.71	236.76	129.11	187.8
Q	(g) Less: Capitalised expenses:				
R	(h) Other debits **	12.49	12.11	0.20	12.8
S	(i) Extraordinary items				
F	(j) Purchase of power	1748.71	1865.39	1844.11	1906.0
	Total Expenditure (f-g+h+i+j)	1980.91	2114.27	1973.42	2106.7
	Return on Equity			5.00	
	III. PROFIT(LOSS)				
	Profit Before Tax (I-II)	(227.15)	(152.09)	(16.24)	(104.2
	Brought forward profit	(374.98)	(495.61)	(10.2.)	(618.3
	IV. Extra Ordinary Item	(**************************************	(,		(
	IV Provision for Income Tax				
	Current Taxes				
	Provision for current taxed no longer required				
	Deferred Taxes				
	Total				
	V Net prior period credits (charges)				
	VI Surplus (deficit)	(602.13)	(272.72)	(16.24)	(120.4
	VII. Net assets at the beginning of the year	244.53	231.51	231.51	246.8
	(Less consumers' contribution)				
	VIII Rate of return @ 14%	14%			-
	(VI - VII)	Loss	Loss	Loss	Los
				-	
The amount	of subsidy committed by the Government alone should be shown				
*Expenditure	e for Duty-III, Duty on Line Loss, Periodical Inspection charges				

# **FORM C**

#### **BALANCE SHEET**

BALANCE	STILL			Rs.in Lakhs
Reference			Projection	Projection
e Form	Particulars	Actual 2012-13	2013-14	2014-15
No.				
	SOURCES OF FUNDS			
	(A) Capital Funds			
	Share Capital			
	Reserves & Surplus			
	Total (A)			
0	(B) Loan from State Government			
	Loan from others			
	- Secured			
	- Unsecured			
	Total (B)			
U	(C) Contribution, grant & subsidies towards cost of capital assets	14.96	14.96	14.96
	(D) Deferred Tax Liability			
	Grand total of sources of funds			
	(A) + (B) + (C) + (D)	14.96	14.96	14.96
	APPLICATION OF FUNDS			
	(A) Fixed Assets			
	(a) Gross fixed assets	295.19	331.52	328.63
	(b) Less accumulated depreciation	65.37	84.72	101.31
W	(c) Net fixed assets ((a) - (b))	229.82	246.80	227.32
Χ	(d) Capital works in progress			
	(e) Assets not in use			
	(f) Deferred costs			
	(g) Intangible assets	220.02	24/ 00	227.22
	Total (c) + (d) + (e) + (f) + (g)  (P) Subsidy specificable from Covernment	229.82	246.80	227.32
	(B) Subsidy receivable from Government (C) Deferred Tax			
	(D) Net Current Assets			
	(1) Current Assets, loans and advances			
	(a) Deposit with KSEB	129.00	155.45	158.83
	(b) Receivables against sale of power	69.29	162.63	165.63
	(c) Interest receivable	32.34	40.08	49.23
	(d) Deposit against Bank Guarantee	32.34	40.00	47.25
	(e) Current Account Balances with other operations (Adjustment)	_		
	(f) Prepaid expenses	0.44		
	Total (D) (I)	231.07	358.16	373.69
	(2) Current liabilities & provisions	231.07	330.10	373.07
	(a) Security deposit from consumers	140.98	138.99	140.98
	(b) Borrowings for working capital	-		
	(c) Payments due on capital liabilities	45.40	36.32	27.24
	(d) Current Account Balances with other operations	637.75	913.26	1017.25
	(d) Other current liabilities (Power purchase bill from KSEB)	223.93	155.45	158.83
	Total (D) (2)	1048.06	1244.02	1344.31
	Nett Current Assets (D)			
	[(D)(l) - (D)(2)]	(816.99)	(885.86)	-970.62
	(E) Profit & Loss	(602.13)	654.02	758.26
	Grand Total of application of funds (A) + (B) + (C) + (E)	14.96	14.96	14.96

#### Note :

For the

<sup>\*</sup> Breakup for generation, transmission and distribution should be furnished

# **FORM D**

# **CASH FLOW STATEMENT**

SI.No.	Particulars	Actual 2012-13	Projection	Rs.in Lakhs Projection
1	Net funds from operations		2013-14	2014-15
	Net Funds from earnings     (a) Profit Before Tax and before revenue subsidies and grants     Less: Income Tax payment during the year  Adjusted Avia 2013 13 Profestions	(227.15)	(152.09)	(104.24)
	Adjustment Vis-à-vis 2012-13 Projection. Total of (a)	(227.15)	(152.09)	(104.24)
	(b) Add: Debits to Revenue Account			
	Not requiring cash flow (i) Depreciation (ii) Amortisation of deferred cost (iii) Amortisation of intangible assets (iv) Investment allowance reserve (v) Interest expense write back	15.74	18.60	17.34
	(vi) Others, if any. Total of (b)	15.74	18.60	17.34
	(c) Less: Credits to Revenue Account not involving cash receipts (i) Depreciation (ii)			
	Total of (c)			
	Net funds from earning ([(a) + (b) - (c)]	(211.41)	(133.49)	(86.90)
	<ul><li>2. Contributions, grants and subsidies towards cost of capital assets</li><li>3. Security Deposts from consumers</li></ul>	0.40	(0.80)	1.99
	4. Proceeds from disposal of fixed assets 5. Total funds from operation (1+2+3+4)	(211.01)	(134.29)	(84.91)
	6. Net increase/decrease in working capital (a) Increase(decrease) in current assets	(211.01)	(134.27)	(04.71)
	(i) Deposit with KSEB (ii) Receivables against sale of power	17.00 16.89	43.45 31.89	3.38 3.00
	(iii) Loans & Advances		(142.00)	
	(iv) Sundry receivables Total of (a)	7.85 41.74	8.06 <b>(58.60)</b>	9.15 <b>15.53</b>
	<ul><li>(b) Increase(decrease) in current liabilities</li><li>(i) Borrowings for working capital</li><li>(ii) Other current liabilities - power purchase</li></ul>		24.02	3.38
	(iii) Payments due on capital liabilities (iv) Other Current Liabilities.	-9.08 51.60	(9.08)	(9.08)
	(v) Current Account Balance with other businesses Total of (b)	211.26 253.78	54.87 <b>69.81</b>	103.99 <b>98.30</b>
	Net increase/(decrease) in Working Capital (a) - (b)	212.04	(128.41)	(82.77)
	<ul><li>7. Net funds from operations before subsidies &amp; granst (5-6)</li><li>8. Receipts from revenue subsidies and grants</li></ul>	1.03	-5.88	-2.14
	Total net funds from operations including subsidies and grants (7+8)	1.03	-5.88	-2.14
II	Net increase/decrease in capital liabilities (a) Fresh Borrowings (i) State Loans (ii) Foreign currency loans/credits (iii) Other borrowings			
	Total of (a) (b) Fresh Borrowings (i) State Loans (ii) Foreign currency loans/credits			
	(iii) Other borrowings Total of (b)			
	Net increase/decrease in capital liabilities (a) -(b)	<u>-</u>		
III IV	Increase/(decrease) in equity capital Total funds available for capital expenditure (I + II + III)	1.03	-5.88	-2.14
V	Funds utilised on capital expenditure (a) On projects (b) Advances to suppliers and contractors (c) Intangible assets	1.03	-5.88	-2.14
	(d) Deferred cost Total of V (a+b+c+d)	1.03	-5.88	-2.14
VI VII	Net increase/(decrease) in investments  Net increase/(decrease) in cash/bank balance [IV-V-VI]	-	-	-
VIII IX	Add : Opening cash and bank balances Closing cash and bank balances [VII + VIII]	-		_
.,,				

# **FORM E**

# AGGREGATE REVENUE REQUIREMENT

				Rs.in Lakhs
	Item	Actual 2012-13	Projection 2013- 14	Projection 2014-15
1	Capital Base/Net fixed assets at the beginning of the year	244.53	231.51	246.80
	Less: Consumers contribution		14.96	14.96
2	Revenue return at 14 %	34.23	30.32	32.46
3	Revenue requirement expenditure (net after capitalisation of expenses) excluding prior period and extra-ordinary items	1980.92	2114.27	2106.72
4	Other income	34.46	10.63	8.46
5	Aggregate Revenue Requirement (2+3-4) (**)	1980.69	2133.96	2130.72

<sup>(\*\*)</sup> Excluding Income Tax

# **FORM F**

#### **COST OF PURCHASED POWER**

(Rs. in Lakhs)

SI No.	Source Year	Units purchased (MU)	Discount		Variable ch	Total cost of power at each inter-face point (Rs/Lakhs)						
		, ,	Rs/Lakhs	Variable charge	Fuel escalation charge	Incentive payment	Wheeling charge	Any other charge *	Fixed Charges	Variable charges	Total	Average rate per unit
2	Actual 2012-13	42.85	229.71	1519.00					229.71	1519.00	1748.71	4.08
3	Projection 2013-14	43.61	252.00	1613.39					252.00	1613.39	1865.39	4.28
4	Approved 2013-14	43.03	252.00	1592.11					252.00	1592.11	1844.11	4.29
5	Projection 2014-15	43.53	252.00	1654.01					252.00	1654.01	1906.01	4.38

Note 1 The above information should be furnished in respect of previous year, current year (estimated) and the ensuing year (estimated)

- 2 Assumption, if any, should be listed
- 3 A separate statement showing variable cost in ascending order from different sources should be furnished and deviation from merit order should also be

			Actual 2	012-13			Projection :	2013-14			Approved	2013-14			Projection		(Rs. in Lakhs)
SI N	o Particulars	No of installation consumers		Revenue Rs/Lakhs	Average realisation Rs/kwh	No of installation consumers	Energy sold MU	Revenue Rs/Lakhs	Average realisation Rs/kwh	No of installation consumers	Energy sold MU	Revenue Rs/Lakhs	Average realisation Rs/kwh	No of installation consumers		Revenue Rs/Lakhs	Average realisation Rs/kwh
1	Consumer category-wise																
	(i) HT IA Industrial	25	22.63	1095.89	4.84	24	23.37 0.25	1240.93 6.45	5.31 2.54	24 1	23.37 0.25	1240.93 6.45	5.31	23 2	23.06 0.24	1312.64 7.23	5.69 2.96
	(ii) HT III Agriculture (iii) HT IV Commercial	10	1.80	121.95	6.77	8	1.82	132.95	7.30	8	1.82	132.95	7.30	10	1.86	144.39	2.96 7.78
	(iv) LT I Domestic	13120	6.75	150.81	2.23	11770	5.85	149.50	2.56	11770	5.85	149.50	2.56	13128	6.96	147.98	2.13
	(v) LT II Colonies	3	0.30	19.48	6.47	8	1.38	91.98	6.66	8	1.38	91.98	6.67	2	0.31	20.42	6.67
	(vi) LT IV Industries	102	0.59	25.81	4.39	102	0.61	28.78	4.72	102	0.61	28.78	4.72	99	0.61	31.47	5.20
	(vii) LT V Agriculture	5	0.02	0.28	1.26	4	0.05	0.71	1.50	4	0.05	0.71	1.42	5	0.02	0.35	1.52
	(viii) LT VI Non-Domestic	696	0.77	55.02	7.17	687	0.87	63.91	7.39	687	0.87	63.91	7.35	645	0.79	60.45	7.65
	(ix) LT VII Commercial	1106	2.65	231.66	8.74	993	2.57	225.58	8.78	993	2.57	225.58	8.78	1180	2.73	254.50	9.32
	(x) Street Light	57	0.31	8.11	2.58	45	0.27	10.77	3.85	45	0.27	10.77	3.93	57	0.32	8.11	2.50
	(xi) Own Consumption Projected increase in sale of units @ 3%																
	Total of	15124	25 02	1709.02	4.77	13642	37.04	1951.55	5.27	13642	37.04	1951.55	5.27	15151	24 00	1987.52	5.39
п	Recovery of electricity duty and other state levies	13124	33.03	85.77	4.77	13042	37.04	1731.33	3.21	13042	37.04	1731.33	3.27	13131	30.70	99.38	3.37
III	Thermal Surcharge & Excess quota charges			184.29												99.30	
IV	Miscellaneous charges from consumers			104.27													
	(i) Fuse off calls/New Application Fee			0.27				0.25				0.25					
	(ii) Reconnection fee			0.23				0.25				0.25					
	(iii) Public lighting			0.06													
	(iv) Maintenance charges			0.02													
	(v) Interest received on Deposits			7.42													
	(vi) Delayed payment charges			1.37				1.20				1.20				1.50	
	(vii) Other receipts- Power Theft. Etc.			0.92				0.50				0.50				5.00	
	Total of IV			280.33				2.20				2.20				105.88	
V	Gross Revenue from sale of Power I+II+III+IV	15124	35.83	1989.35	5.55	13642	37.04	1953.75	5.27	13642	37.04	1953.75	5.27	15151	36.90	2093.40	5.67
VI	Less																
••	(i) Electricity duty payable     (ii) Other state levies payable     (iii) Withdrawal of revenue demand			85.77 184.29												99.38	
	Total of Vi			270.05												99.38	
VII	Net Revenue from sale of power (V - VI)	15124	35.83	1719.30	4.80	13642.00	37.04	1953.75	5.27	13642.00	37.04	1953.75	5.27	15151	36.90	1994.02	5.40

Note 1. For the above information should be furnished for previous year current year and ensuing year.

previous year, current year and ensuing year

2. Methodology adopted for projecting the sales may be
states.

<sup>3.</sup> Working details for calculation of revenue from sales and each category of consumer should be furnished

# **FORM H**

# Rs. In lakhs

SI No	Item	Actual 2012-13	Projection 2013-14	Approved 2013-14	Projection 2014-15
1	Subsidies				
2	Grants for R&D expenses				
3	Grants for survey & investigation		NIL		
4	Others				
	Grand Total				

# FORM I

					Rs. In Lakhs
SI No	Item	Actual 2012-13	Projection 2013-14	Approved 2013-14	Projection 2014-15
	Interest on staff loans and advances				
2	Income from investments				
	(a) Interest on securities				
	(b) Interest on Bank Fixed Deposits				
	(c) Interest on other investments				
	(d) Interest on loans/advances to				
	suppliers/contractors				
	(e) Interest from banks				
3 11	(f) Interest on loans to societies				
3	Income from trading				
	(a) Profit on sale/hire etc of apparatus				
	(b) Hire charges from contractors				
	(c) Profit on sale of stores				
	(d) Sale of scrap	6.41			
	(e) Other miscellaneous receipts from trading				
		6.41			
4	Income/fees collection for staff welfare, etc.				
	(a) Recoveries for transport facilities				
	(a) Hose veries for transport radimetes				
5	Miscellaneous receipts/rents etc.				
	(a) Income due to right of way granted for laying fibre				
	optic cables/co-axial cables on T&D Systems				
	(b) Rental from staff quarters				
	(c) Rental from others				
	(d) Leave contribution				
	(e) Excess found on physical verification of cash				
	(f) Excess found on physical verification of stock				
	(g) Excess found on physical verification of assets				
	(h) Recovery of Thermal Charges				
	(i) Power Theft - Penalty/Penal charges				
	(j) Interest receivable on KDHP Deposit with KSEB		8.43	8.43	8.46
	(k) Miscellaneous recoveries	28.05	2.20		
	Total	20 UE	10.63	8.43	0 44
	Total	28.05			8.46
	Grand Total	34.46	10.63	8.43	8.46

# **FORM J**

# Rs/lakhs

	Actua	ıl 2012-13		Project	ion 2013-14		Approv	red 2013-14		Project	ion 2014-15	
SI No Particulars	Consumption of stores, fuel, etc.	Other expenses		Consumption of stores, fuel, etc.	Other expenses	Total	Consumption of stores, fuel, etc.	Other expenses	Intal	Consumption of stores, fuel, etc.	expenses	Total
1 (a) Civil works associated with Power stations												
(i) Dams/other hydraulic structures												 
(ii) Water conducting systems												
(iii) Power house buildings												
(iv) Other buildings												
(v) Roads												 
(b) Other civil works												 
2 Generating Plant & Machinery												
3 Power House switch-yard and equipment												
4 Buildings	1.08	-	1.08	1.14	-	1.14	1.14	-	1.14	1.78	-	1.78
5 Substations	-	-	-	-	-		-	-		-	-	-
6 Cable, Lines net works*	13.18	-	13.18	13.04	-	13.04	13.04		13.04	16.18		16.18
7 11/0.4 kV transformer	-	-	-	-	-		-	-		-	-	-
8 LT Lines, Upkeeps, etc.	4.80	-	4.80	4.63	-	4.63	4.63	-	4.63	5.41	-	5.41
9 Vehicles/Fuel	1.52	-	1.52	1.93	-	1.93	1.93	-	1.93	2.01	-	2.01
10 Furniture & Fixtures	-	-	-	-	-	-	-	-	-	-	-	-
11 Office equipment	-	-	-	0.02	-	0.02	0.02	-	0.02	0.01	-	0.01
12 Others (Up-keep Lighting Installation)	0.55	-	0.55	0.29	-	0.29	0.29	-	0.29	0.57	-	0.57
Grand Total:	21.13		21.13	21.05		21.05	21.05		21.05	25.96		25.96

Note 1 Information under 1(a) may be furnished for each power house

2 Detailed breakup of items 2 to 5 station-wise and voltage-wise may be furnished

# FORM K Employee Cost

					Rs.in Lakhs
SI No	Particulars	Actual 2012- 13	Projection 2013-14	Approved 2013-14	Projection 2014-15
		13	2013-14	2013-14	2014-10
1	Salaries	22.39	24.56		24.73
2	Overtime	17.73	15.52		17.67
3	DA	11.80	14.79		20.02
4	Other allowances	2.89	4.55		5.50
5	Bonus	2.71	2.19		3.23
	Sub Total 1 to 5	57.52	61.61		71.15
6	Medical Expenses reimbursement	0.14	0.26		0.15
7	Leave Travel Concession	0.30	0.27		0.38
8	Earned leave encashment	0.63			0.63
	Payment under workmen compensation	0.15			
10	Contribution to PF	4.78	4.20		5.16
11	Sub Total 7 to 10	6.00	4.73		6.32
12	Staff welfare expenses	0.57	0.79		0.86
13	Terminal benefits				
	Salary of Manager	17.62	18.27	5.00	20.94
15	Propn of ED/M-Finance	17.79	17.17		21.03
16	Sub Total of 13 to 15	35.98	36.23	5.00	42.83
17	Grand Total	99.50	102.57	72.13	120.30
Note	1 Employee category-wise details should be furnished 2 Details of projection should be furnished 3 Breakup among generation, transmission ardistribution may be attempted	nd			

distribution may be attempted

# FORM L Employee Cost - Details

					Rs.in Lakhs
SI No	Particulars	Actual 2012	Projection	Approved	Projection
31 110	r di ticuldi 3	13	2013-14	2013-14	2014-15
	Manager	17.62	18.27	5.00	20.94
	Propn of Executive Director/Manager-Finance	17.79	17.17		21.03
3	Technical Officers				
4	Junior Technical Officers	6.26			
5	Switching Station Operators	7.14	67.13	67.13	78.33
6	All other Technical Staffs	43.33	07.13	07.13	70.55
7	All non -Technical Staff - Officers *	7.37			
8	Other welfare expenses				
Q	Anticipated increase in Salaries (Provision for revision of				
,	wages due from 1st April. 2010)				
	Grand Total:	99.50	102.57	72.13	120.30
			<u>.</u>		
	* Postwise information at senior position may be indicated	j .			
	Postwise information				
	Manager	2	1	1	2
	Technical Officer(s)		1	1	
	Junior & Assistant Technical Officers	3	3	3	3
	Switching Station Operators	4	4	4	4
	Electrician (at estates and Electrical Section)	38	27	27	37
	Mazdoors	7	7	7	10
	All other Staff	4	9	9	4
	Total	58	52	52	60

# FORM M Administrative and Legal Expenses

SI No	Particulars	Actual 2012-13	Projection 2013-14	Approved 2013-14	Rs.in lakhs  Projection 2014-15
1	Rents, rates and taxes	0.44	0.94		0.44
	Security arrangements	0.87	0.86		0.86
	Insurance	0.14	0.43		0.15
4	Telephone/courier charges, etc.	0.05	0.09		0.05
	Legal charges	1.98	5.00		2.50
	Bank Charges on Bank Guarantee	6.42	5.00		5.00
	Audit Fees	0.56	0.61		0.62
	Consultancy charges		0.85		0.85
	Travelling expenses	0.05	0.11		0.05
13	Conveyance and vehicle hire charges	0.14	0.05		0.05
	Sub Total	10.65	13.94		10.57
14	OTHER EXPENSES				
	(a) Fees and subscriptions/Yearly Licensee Fee	0.45	0.45		0.52
	(b) Computer Stationery				
	(c) Printing & Stationery	0.62	0.77		0.69
	(d) Advertisements		0.12		
	(e) Contributions/Donations				
	(f) Electricity Charges	0.62	0.66		0.66
	(g) Entertainment				
	(h) Miscellaneous Expenses(busfare & Batta)	2.89	1.51		3.37
	Total of other expenses	4.58	3.51		5.24
14	Freight				
15	Other purchase related expenses				
	Grand Total	15.23	17.45	8.94	15.81

# FORM N

SI No	Details of assets	Balance of depreciatio n at the beginning of the year	Actual 2012  Depreciati on  provided for the year	Balance accumulat ed oreciatio n for the	Balance of depreciatio	Projection 2  Depreciati Won provided for the year	Balance accumulat accumulat I of epreciatio n for the	Balance of depreciation n at the beginning of the year	provided depreciat	of depreciatio	n at the beginning	Projection 2014  Depreciati on  With  provided for the  year	Balance
I	All Electrical Assets												
II	Generating Station (a) Civil works (b) Generating Plant & Machinery (c) Switchyard equipment (d) Protection & control Equipment (e) Others (Specify)												
Ш	Transmission Lines ***												
IV	Substations **								=				
V.	11 kV Works ***	32.09	10.41	42.50	43.84	13.15	56.99		11.17	55.01	55.65	12.16	67.81
VI	LT Lines, Services connections etc *** Metering Equipment	7.54 6.40	2.12 1.81	9.66 8.21	9.66 8.57	2.12 1.92	11.78 10.49		2.20 2.44	11.86 11.01	11.78 10.13	2.12 1.81	13.90 11.94
VIII	Miscellaneous Equipment ***	3.60	1.81	5.00	4.05	1.92	5.46		2.44 0.70	4.75	6.41	1.81	7.66
IX	Others (Provide List)	3.00	1.40	5.00	4.00	1.41	5.40	4.05	0.70	4.75	0.41	1.23	7.00
	Grand Total:	49.63	15.74	65.37	66.12	18.60	84.72	66.12	16.51	82.63	83.97	17.34	101.31
*	Projectwise, breakup should be furnished												
**	Details should be furnished for each transmission p	project											
***	Breakup as per practice should be furnished												

Rs. in Lakhs

									_																K	S. III LAKIIS
				Actual 201	12-13				F	Projection :	2013-14					Approved 2	2013-14					Projection	2014-15			
SI No	Particulars		received		Balance outstanding at the end of the year	Rate of	for the		received re	edeemed	Balance outstanding at the end of the year		Interest for the year	Balance at he beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Rate of interest	Interest for the year	Balance at he beginning of the year	Amount received during the year		Balance outstanding at the end of the year		Interest for the year	Remarks
1	Loans from Government																									
II	Loans from others secured 1 2 3 Total																									
III	Loans from others - Unsecured 1 2 3 Total																									
IV	Lease sale and lease back of assets  1 2 3 Total																									
V	Shortterm loans/borrowings for working capital  1. Interest on working capital  2  3  Total				532.12 1 532.12		59.86 59.86				669.87 669.87	10.25%	68.66 68.66						2.05				903.45 903.45	11.25%		
VI	Others 1. Interest on Security Deposit	140.58	15.82	15.42	140.98	6.00%	8.25	140.58			140.58	6.00%	8.43	140.58			140.58	6.00%	8.43	140.98			140.98	6.00%	8.46	
	Bank Charges on Bank Guarantee     Net Interest on Deposit against Bank Guarantee Total	140.58	15.82	15.42	140.98		8.25	140.58			140.58		8.43	140.58			140.58		8.43	140.98			140.98		8.46	
	Grand Tota	I 140.58	15.82	15.42	673.10		68.11	140.58			810.45		77.09	140.58			140.58		10.48	140.98			1044.43		8.46	

<sup>1</sup> Cost of raising finance, other finance charges shall be included under respective finance charges

<sup>2</sup> Under others, interest on belated payment of power purchase bills and other interest charges shall be shown with details

# FORM P, Q & R

# FORM P SALES AND LEASE BACK OF ASSETS

SI No	Particulars of	Actual 2012-13	Projection 2013-14	Approved 2013-14	Projection 2014-15

# FORM Q

# **DETAILS OF EXPENSES CAPITALISED**

SI No	Particulars	Actual 2012-13	Projection 2013-14	Approved 2013-14	Projection 2014-15
1	Interest and finance charges capitalised				
2	Other expenses capitalised				
	(i) Employee Cost				
	(ii) Admn & General expenses				
	(iii) Operation & Maintenance				
	(iv) Depreciation				
	(v) Others, if any.				
	Total of 2				
	Grand Total				

# FORM R

# **OTHER DEBITS**

					Rs.in Lakhs
SI No	Particulars	Actual 2012-13	Projection	Approved	Projection
31 110		ACIUAI 2012-13	2013-14	2013-14	2014-15
1	Duty - III	11.79	11.91		12.14
2	Duty on Line Loss	0.50			0.50
3	Periodical Inspection Charges	0.20	0.20	0.20	0.20
	Grand Total	12.49	12.11	0.20	12.84
	Grand Total excluding Duty III	0.70	0.20	0.20	0.70

Note Explanatory notes with full details for each of the items shall be provided

# **FORM S & FORM T**

# FORM S

# **EXTRAORDINARY ITEMS**

		Rs. in. Lakhs
SI No	Particulars	Year
1		
	Grand Total	

Note Explanatory notes with full details for each of the items shall be provided

# **FORM T**

# **NET PRIOR PERIOD CREDITS/CHARGES**

		Rs. in Lakhs	Rs. in Lakhs
		Actual 2012-	Projection
SI No	Particulars	13	2014-15
I	Income relating to previous years		
	1: Written back of excess depreciation provided from 2007 to 2010 as per the		
	Company's act, however in the current year the rate of depreciation has been		
	applied as per KSEB's rate of depreciation		
	2: Write back of excess Interest on credit extended by transferor omitted to be		
	accounted in books		
	3		
	4		
	Total		
II	Expenditure relating to previous years		
	1.		
	2		
	3		
	4		
	Total		
	Net prior period credit/charges		-

Note Explanatory notes with full details for each of the items shall be provided

# $FORM\;U$

# Rs. In Lakhs

		Actual 2012-13		Projection 2013-14			Projection 2014-15			
SI No	Particulars	Balance at the beginning of the year	Additions during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	Balance at the end of the year	tho	Additions during the year	Balance at the end of the year
1	Consumers' contribution	14.96	-	14.96	14.96		14.96	14.96		14.96
2	Subsidies towards cost of capital assets									
3	Grant towards cost of capital assets									
4	Others									
	Grand Total	14.96	-	14.96	14.96		14.96	14.96		14.96

# **FORM V**

									т			Rs. Ir	n Lakhs
			Actual 2	2012-13	+	<del> </del>	Projection 20	2013-14			Projection	n 2014-15	
SI No	Description of assets	Balance at the beginning of the vear	Additions during the	Retirement of assets	the end of the year	the	Additions during the vear	Retirement of assets during the vear	the end of the year	the	Additions during the	Retirement of assets	the end of the year
I	Land & Rights												
II	Generating Stations *												
	(a) Civil works					<del></del>							
	(b) Generating Plant & Machinery	+		<b></b> '		<del>                                     </del>	+		<u> </u>	<u> </u>	<b></b> '	<u></u> '	
	(c) Switchyard equipment	+	·	<u> </u> '		<del>                                     </del>	+		<u> </u>	<u> </u>	<b></b> '	<u> </u> '	
	(d) Protection & control equipment	+				<del>                                     </del>	+		<u> </u>	<u> </u>	<b></b> '	'	"
	(e) Others (specify)			<del>                                     </del>					<del>                                     </del>	+		+	
III	Transmission Lines **					<del></del>							
IV	Substations **				+							+	
V	11 kV Works ***	197.45	1.03	,	198.48	202.34	18.50		220.84	198.48	33.44	<i>i</i>	231.92
VI	LT Lines, Service connections, etc. ***	40.16	-		40.16	40.16	3.00		43.16	40.16	,		40.16
VII	Metering equipment ***	34.30	-		34.30				42.72				34.30
VIII	Miscellaneous equipment	22.25		'	22.25	22.25	0.55		22.80	22.25		'	22.25
IX	Others (provide list)						2.00		2.00				
	Grand Total:	294.16	1.03	,[	295.19	299.05	32.47		331.52	295.19	33.44	<i>t</i>	328.63

Project-wise breakup should be furnished Details must be furnished for each transmission project Breakup as per practice should be furnished

FORM W

Rs. In Lakhs

Projection 2013-14 Actual 2012-13 Approved 2013-14 Projection 2014-15 Balance of Additon/Del Additon/Del Addition/ Additon of written written written written written written written written Net Deletion of etion of etion of SI No Description of assets down cost of assets down cost dwon cost of down cost dwon cost of down cost dwon cost of down cost depreciation depreciation depreciation depreciation assets assets assets at the during the of assets at assets at the of assets at assets at the of assets at assets at the of assets at for the year for the year during the for the year during the for the year during the the end of beginning of year year year year the year 1 Land & Rights Ш Generating Stations \* (a) Civil works (b) Generating Plant & Machinery (c) Switchyard equipment (d) Protection & control equipment (e) Others (specify) Ш Transmission Lines \*\* ١V Substations \*\* ٧ 11 KV Works \*\*\* 154.65 145.27 157.67 18.50 13.15 163.02 157.67 18.50 165.00 134.10 33.44 12.16 155.38 1.03 10.41 11.17 VI LT Lines, Service connections, etc. \*\*\* 28.78 2.12 26.66 30.50 3.00 2.12 31.38 30.50 3.00 2.20 31.30 24.46 2.12 22.34 VII Metering equipment \*\*\* 27.06 1.81 25.25 26.09 8.42 1.92 32.59 26.09 8.42 2.44 32.07 22.81 1.81 21.00 VIII Miscellaneous equipment 18.66 17.26 17.25 0.55 1.41 16.39 17.25 0.55 0.70 17.10 16.56 1.25 15.31 1.40 Others (provide list) 15.38 15.38 IX 15.38 2.00 2.00 2.00 15.38 **Grand Total:** 244.53 1.03 15.74 229.82 231.51 32.47 245.38 231.51 32.47 245.47 213.31 33.44 17.34 229.41 18.60 16.51

<sup>\*</sup> Project-wise breakup should be furnished

<sup>\*\*</sup> Details must be furnished for each transmission project

<sup>\*\*\*</sup> Breakup as per practice should be furnished

# FORM W1

# FORM - W1

				Rs. in Lakhs
SI No	Particulars	Actual 2012- 13	Projection 2013-14	Projection 2014-15
1 (a)	Original cost of fixed assets	295.19	331.52	328.63
(b)	Cost of intangible assets	270117	551152	020.00
(c)	Original cost of work in progress			
(d)	Amount on account of working capital equal to the sum of			
	(i) Average cost of stores			
	(1/12th of the sum of the stores materials and supplies including fuel in hand at the end of each month of the vear)			
	(ii) Average cash and bank balances			
	(1/12th of the cash and bank balance whether credit or debit and call on shortterm deposits at the end of each month of the vear)			
	Sum of above (a+b+c+d)	295.19	331.52	328.63
2	(i) Amounts written off or set aside on account of depreciation of fixed assets	65.37	84.72	101.31
	(ii) Amount of any loan or subvention from the state government			
	(iii) (a) Amount of any loan borrowed from organisations or institutions approved by the State Government (iii) (b) Amount of any debenture issued by the lincensee			
	(iv) Amount deposited in cash with the licensee by consumers by way of security			
	(v) Written back of excess depreciation provided from 2007 to 2010 as per the Company's act, however in the current year the rate of depreciation has been applied as per KSEB's rate of depreciation			
	Sum of the above 2 (i+ii+iii+iv)	65.37	84.72	101.31
	Net Capital Base (1-2)	229.82	246.80	227.32

# **FORM X**

# **CAPITAL EXPENDITURE**

				Rs. in Lakhs
SI No	Particulars	Actual 2012-	Projection	Projection
31 110	Fai ticulai 3	13	2013-14	2014-15
1	Capital expenditure	1.03	32.47	33.44
2	Interest and Finance charges capitalised			
3	Other expenses capitalised			
4	Total Capital expenditure for the year	1.03	32.47	33.44
	(1+2+3)			
5	Less Expenditure capitalised			
	(Transferred to gross asset)			
6	Closing Balance	1.03	32.47	33.44
	(4-5)			·

# **FORM Y**

# FORM Y

# **RECEIVABLES AGAINST SALE OF POWER**

	Demand, collecti	ion and bala	ance of rever	nue	
	1	for the year			
				Rs. in I	Lakhs
		Receivable	Demand for	Collection/	Closing
	Category	Opening	Previous Year	Adjustment	Balance
SI No		Balance		for Previous	Receivables
		Previsous		Year	for Previous
		Year			Year
1	Domestic	6.90	147.98	142.55	12.33
2	Commercial	24.55	294.55	294.56	24.55
3	Public Lighting	6.69	80.29	80.29	6.69
4	HT Consumers	92.60	1464.70	1435.25	122.05
5	HT Consumers [KDHP]				
	Grand Total:	130.74	1987.52	1952.64	165.63
	Advance for Electrification				
	Provision for doubtful debts				
		130.74	1987.52	1952.64	165.63

Note 1 Information to be furnished Division-wise with circule and zone-wise total

2 Additional information tariff-wise to be furnished in form Z

# **FORM Z**

	FO	RM Z			
					Rs. in Lakhs
		Receivable			Closing
		Opening	Demand for	Collection/Ad	Balance
SI No	Category	Balance	Previous	justment for	Receivables
		Previsous	Year	Previous Year	for Previous
		Year			Year
1	Domestic				
	LT-I (a)	6.90	147.98	142.55	12.33
	Sub Total:(i)	6.90	147.98	142.55	12.33
2	Commercial				
	LT- IV	1.43	17.15	17.15	1.43
	LTV	0.02	0.26	0.26	0.02
	LT- VI (A)	1.46	17.47	17.48	1.46
	LT- VI (B)	2.52	30.22	30.22	2.52
	LT- VI (C)	1.36	16.30	16.30	1.36
	LT- VII (A)	16.87	202.48	202.47	16.87
	LT- VII (B)	0.46	5.56	5.56	0.46
	LT- VII (C)	0.43	5.11	5.11	0.43
	Sub Total:(ii)	24.55	294.55	294.56	24.55
3	Public Lighting	6.69	80.29	80.29	6.69
	Sub Total: (iii)	6.69	80.29	80.29	6.69
4	HT Consumers	92.60	1464.70	1435.25	122.06
	Sub Total:(iv)	92.60	1464.70	1435.25	122.06
	Grand Total:	130.74	1987.52	1952.64	165.63
	Advance for Electrification				
	Provision for doubtful debts				
	Total	130.74	1987.52	1952.64	165.63

Note 1 Information to be furnished Division-wise with circule and zone-wise total

2 Additional information tariff-wise to be furnished in form Z