

ARR and Tariff Formats

KSEBL Generation Business

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Form G 1.1
Summary of Tariff Proposal
GENERATION BUSINESS UNIT
KERALA STATE ELECTRICITY BOARD LTD.

S.No.	Particulars	Ref.of Form No	2015-16				(Rs Cr)
			Approved in Tariff Order	Audited	Normative	Truing Up requirement	Remarks
1	2	3	4	5	6	7	14
1	Capacity Charge						
1.1	Annual Fixed Charges						
1.1.1	O & M Expenses	4		184.50			
1.1.2	Depreciation	6.1		122.05			
1.1.3	Interest on Loan Capital	6.2		46.32			
1.1.4	Interest on Bonds to meet Terminal Liabilities	6.2 ©					
1.1.5	Interest on Working Capital	6.11					
1.1.6	Return on Equity	6.9		203.63			
1.1.7	Tax on ROE	6.12					
1.1.8	Any other item (Other debits & Prior period exp/(income))			-7.96			
1.1.9	Less: Non-Tariff income	3.2		19.43			
	Total (1.1) Annual Fixed Charges			529.11			
2	Total- Energy (variable) charges						
3	Units sold to Discoms (MU)						
4	Rate of Variable Charges						
4.1	Rate of Energy Charge from Primary Fuel (REC) _p	5.3					
4.2	Total-(2) Rate of Energy Charge ex-bus(REC) ^{3A,3B}	5.1					

¹ Details of calculations to be furnished.

^{3A} The rate of energy charge shall be computed for open cycle operation and combined cycle operation separately in case of gas/liquid fuel fired plants.

^{3B} The total energy charge shall be worked out based on ex-bus energy sent out in case of plants not covered by ABT,

Form G 1.2
Aggregate Revenue Requirement
KERALA STATE ELECTRICITY BOARD LTD.

(Rs. Crore)

S.No.	Particulars	Reference Form	2015-16				Remarks
			Approved in Tariff Order	Audited	Normative	Truing Up requirement	
1	2	3	4	5	6	7	14
A	Expenditure						
1	Variable Costs, including Fuel Cost	5.1		104.26			
2	Depreciation	6.1		122.05			
3	Interest on term Loan & Finance charges	6.2		46.32			
4	Return on Equity	6.9		203.63			
5	Tax on ROE	6.12					
6	Interest on Working Capital	6.11					
7	O & M Expenses	4		184.50			
9	Any other item (Other debits & Prior period exp/(income))			-7.96			
	Total- (A) Expenditure			652.80			
B	Receipts						
1	Revenue from Sale of Power (Tariff income)	3.1					
2	Non Tariff income	3.2		19.43			
3	Revenue Subsidies, Grants & Subvention from State Govt.						
	Total- (B)			633.37			
C	ARR (A-B(2)-B(3))						

Form G 2.1

Plant Characteristics

KERALA STATE ELECTRICITY BOARD LTD.

Basic characteristics of the plant ¹							
Special Features of the Plant							
Site Specific Features ²							
Special Technological Features ³							
Environmental Regulation related features ⁴							
Any other special features							
Fuel Details ⁵	Primary Fuel		Secondary Fuel		Alternate Fuels		
Details	Unit number						
	1	2	3	4	5	6	& so on
Installed Capacity (IC)							
Date of Commercial Operation (COD)							
Type of cooling system ⁶							
Type of Boiler Feed Pump ⁷							
Pressure (kg/cm ²)							
Temperature 0C							
-At Superheater Outlet							
-At Reheater Outlet							
Turbine Cycle heat Rate(Kcal/ Kwh)							
Boiler Efficiency (%)							
Guaranteed Design Heat rate (kCal/kWh) ₈							
Conditions on which guaranteed							
% MCR							
% Makeup							
Design Fuel							
Design cooling water Temperature							
Back Pressure							

G2.1

- ¹ Describe the basic characteristics of the plant, e.g., in the case of a coal based plant whehter it is a conventional steam generator or circulating fludized bed combustion generator or sub-critical once through steam generator etc.
- ² Any site specific feature such as Merry-Go-Round, Vicinity to sea, Intake /makeup water systems etc. scrubbers etc. Specify all such features.
- ³ Any Special Technological feature like Advanced class FA technology in Gas Turbines, etc.
- ⁴ Environmental regulation related features like FGD, ESP etc.
- ⁵ Coal or natural gas or naptha or lignite etc.
- ⁶ Closed circuit cooling, once through cooling, sea cooling etc.
- ⁷ Motor driven, Steam turbine driven etc.
- ⁸ In case guaranteed unit heat rate is not available then furnish the guaranteed turbine cycle heat rate and guaranteed boiler efficiency separately along with condition of

Form G 2.2
Operational Parameters - Generation
 KERALA STATE ELECTRICITY BOARD LTD.

S. No.	Particulars	Units	2015-16			Remarks
			Approved in Tariff Order	Audited	Truing Up requirement	
1	2	3	4	5	6 = 5 - 4	13
1	Operational Parameters - Hydel					
1.1	Total Capacity	MW				
	AFC					
	Capacity Charge					
	Energy charge rate					
1.2	NAPAF	%				
1.3	Actual/Projected Annual Plant Availability Factor	%				
1.4	Design Energy	MU				
1.5	Gross Generation	MU				
1.6	Auxiliary Energy Consumption	%				
1.7	Auxiliary Energy Consumption	MU				
1.8	Net Generation	MU				

Form G 3.1 Revenue from Sale of Power KERALA STATE ELECTRICITY BOARD LTD.
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Year (n-1)*		Rs. Crore								
S.No	Particulars	Allocation (in %) /contract demand	Unit Sold (MU)	% of total Unit Sold	Fixed Charges	Energy Charges	Others, if any	Total (6+7+8)	Average' rate/kWh (paisa/kWh)	Remarks
1	2	3	4	5	6	7	8	9	10	11
A)	Revenue from sale of Electricity (as per approved tariff)									
1	Dist.Licensee/trader/ consumers									
(a)										
(b)										
(c)										
(d)										
(e)										
(f)										
2	Other recoveries									
3	Revenue From Sale of Power									

*To be submitted from (n-1)th year, nth year, (n+1)th, (n+2)th and (n+3)th year

Form G 3.2 Non-Tariff Income KERALA STATE ELECTRICITY BOARD LTD.

Rs. Crore

Sr. No	Particulars	2015-16			Remarks
		Approved in Tariff Order	Audited	Truing Up requirement	
1	2	3	4	5 = 4 - 3	12
	Non-tariff income				
1	Interest on staff loans and advances		0.01	0.01	
2	Income from statutory investments		0.01	0.01	
3	Income from sale of ash/rejected coal			0.00	
4	Income from rent of land or buildings		0.70	0.70	
5	Income from sale of scrap		1.80	1.80	
6	Income from staff welfare activities		0.00	0.00	
7	Rental from staff quarters		0.06	0.06	
8	Excess found on physical verification		0.00	0.00	
9	Interest on investments, fixed and call deposits and bank balances		0.01	0.01	
10	Interest on advances to suppliers/contractors		1.23	1.23	
11	Income from hire charges from contractors and others		0.00	0.00	
12	Income from advertisements, etc.		0.00	0.00	
13	Miscellaneous receipts		9.30	9.30	
14	Interest on delayed or deferred payment on bills		6.32	6.32	
15	Rebate from fuel suppliers				
	Total non-tariff income		19.43	19.43	

Form G 3.3
Capital Subsidies and Grants
KERALA STATE ELECTRICITY BOARD LTD.

Rs. Crore

S. No.	Particulars	2015-16			Remarks
		Approved in Tariff Order	Audited	Truing Up requirement	
1	2	3	4	5 = 4 - 3	12
1	Subsidy towards cost of Capital Asset				
2	Grant towards cost of Capitals Assets				
3	Receipts from State Govt. under any scheme as grant/subsidy				
	Total				

Form G 4 **O&M Expenses**

Name of the Generating Business/Company

KERALA STATE ELECTRICITY BOARD LTD.

Name of the Generating Station/Unit :

(Rs. Crore)

S.No.	Particulars	2015-16				Remarks
		Approved in Tariff Order	Audited	Normative	Truing Up requirement	
1	2	3	4	5	6	13
1	Employee Expenses (as per norms)		142.17			
2	Annual Contribution for Terminal Liabilities based on actuarial valuation					
3	Repair & Maintenance Expenses (as per norms)		26.02			
4	Administrative & General Expenses (as per norms)		16.31			
5	Total O&M Expenses (as per Norms)					
6	Total O&M Expenses (actuals)		184.50			

G4(a)

Form G 4(a) Employee Expenses KERALA STATE ELECTRICITY BOARD LTD.
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Rs. Crore

S. No.	Particulars	Reference	2015-16			Remarks
			Approved in Tariff Order	Audited	Truing Up requirement	
1	2	3	4	5	6 = 5 - 4	13
1	Basic Salary			73.87	73.87	
2	Dearness Allowance (DA)			64.28	64.28	
3	House Rent Allowance			0.77	0.77	
4	Conveyance Allowance			0.00	0.00	
5	Leave Travel Allowance			0.00	0.00	
6	Earned Leave Encashment			10.08	10.08	
7	Other Allowances			3.06	3.06	
8	Medical Reimbursement			0.50	0.50	
9	Overtime Payment			0.19	0.19	
10	Bonus/Ex-Gratia Payments			0.39	0.39	
11	Interim Relief / Wage Revision			0.00	0.00	
12	Staff welfare expenses			0.09	0.09	
13	VRS Expenses/Retrenchment Compensation			0.00	0.00	
14	Commission to Directors			0.00	0.00	
15	Training Expenses			0.00	0.00	
16	Payment under Workmen's Compensation Act			0.00	0.00	
17	Net Employee Costs			153.21	153.21	
18	Terminal Benefits			40.60	40.60	
18	Provident Fund Contribution			0.00	0.00	
18	Provision for PF Fund			0.00	0.00	
18	Pension Payments			0.00	0.00	
18	Gratuity Payment			0.00	0.00	
19	Annual Contribution for Terminal Liabilities based on actuarial valuation			0.00	0.00	
19	Others			0.02	0.02	
20	Gross Employee Expenses			193.83	193.83	
21	Less: Expenses Capitalised			51.66	51.66	
22	Net Employee Expenses			142.17	142.17	

Form G 4(b)
Administrative & General Expenses
KERALA STATE ELECTRICITY BOARD LTD.

Rs. Crore

S. No.	Particulars	Reference	2015-16			Remarks
			Approved in Tariff Order	Audited	Truing Up require ment	
1	2	3	4	5	6 = 5 - 4	13
1	Rent Rates & Taxes			0.55	0.55	
2	Insurance			0.04	0.04	
3	Telephone & Postage, etc.			0.22	0.22	
4	Legal charges			0.34	0.34	
5	Audit Fees			0.07	0.07	
6	Consultancy charges			0.03	0.03	
7	Other Professional charges			0.34	0.34	
8	Conveyance			3.79	3.79	
9	Vehicle Running Expenses Truck / Delivery Van			0.02	0.02	
10	Vehicle Hiring Expenses Truck / Delivery Van			0.04	0.04	
11	Electricity charges			0.10	0.10	
12	Water charges			-0.01	-0.01	
13	Entertainment			0.06	0.06	
14	Fees & subscription			0.31	0.31	
15	Printing & Stationery			0.37	0.37	
16	Advertisements, exhibition publicity			0.30	0.30	
17	Contribution/Donations			0.31	0.31	
18	Training expenses			0.40	0.40	
19	Miscellaneous Expenses			0.52	0.52	
20	DSM activities			0.00	0.00	
21	SRPC expenses			0.12	0.12	
22	Sports and related activities			0.11	0.11	
23	Freight			0.28	0.28	
24	Purchase Related Advertisement Expenses			0.42	0.42	
25	Bank Charges			0.00	0.00	
26	Office Expenses			6.58	6.58	
27	License Fee and other related fee			1.30	1.30	
28	Cost of services procured			0.00	0.00	
29	Outsourcing of metering and billing system			0.00	0.00	
30	V-sat, Internet and related charges			0.00	0.00	
31	Security arrangements			0.00	0.00	
32	Books & periodicals			0.02	0.02	
33	Computer Stationery			0.00	0.00	
34	Others			0.34	0.34	
35	Others- Other Purchase related Expenses			0.68	0.68	
36	Others - Expenditure in distribution of LED			3.00	3.00	
37	Gross A&G Expenses			20.65	20.65	
38	Ele. Duty u/s 3(I), KED Act			0.00		
39	Less: Expenses Capitalised			4.33	4.33	
40	Net A&G Expenses			16.31	16.31	

G4(c)

Form G 4(c)
Repair & Maintenance Expenses
KERALA STATE ELECTRICITY BOARD LTD.

Rs. Crore

S. No.	Particulars	Reference	2015-16			Remarks
			Approved in Tariff Order	Audited	Truing Up requirement	
1	2	3	4	5	6 = 5 - 4	13
1	Plant & Machinery			14.82		
2	Buildings			2.41		
3	Civil Works			3.42		
4	Hydraulic Works			4.25		
5	Lines & Cable Networks			0.28		
6	Vehicles			0.55		
7	Furniture & Fixtures			0.04		
8	Office Equipment			0.24		
9	Gross R&M Expenses			26.02		
10	Less: Expenses Capitalised					
11	Net R&M Expenses			26.02		

Form G 5.1
Energy Charges for Thermal Generation
 KERALA STATE ELECTRICITY BOARD LTD.

S.No.	Particulars	Units	2015-16				Remarks
			Approved in Tariff Order	Audited	Normative	Truing Up requirement	
1	2	3	4	5	6	7	14
1	Operational Parameters						
1.1	Total Capacity	MW					
1.2	Availability	%					
1.3	PLF	%					
1.4	Gross Generation	MU					
1.5	Auxiliary Energy Consumption	%					
1.6	Auxiliary Energy Consumption	MU					
1.7	Net Generation	MU					
1.8	Heat Rate	kcal/kWh					
2	Fuel Parameters (for each primary and secondary fuel)						
2.1	Gross Calorific Value						
2.1.1	Fuel 1-----	kcal/unit					
2.2	Landed Fuel Price per unit (Please specify the fuel)						
2.2.1	Fuel 1-----	Rs/unit					
3	Fuel Consumption and Heat Contribution (for each fuel separately)						
3.1	Specific Fuel Consumption						
3.1.1	Fuel 1-----	unit/kWh					
3.2	Total Fuel Consumption						
3.2.1	Fuel 1-----	unit					
3.3	Heat Content (each fuel separately)						
3.3.1	Fuel 1 (2.1.1 x 3.1.1)	Million kcal					
	Total Heat Content						
4	Total Fuel Cost						
4.1.1	Fuel 1----- (2.2.1 x 3.2.1)	Rs Crore					
	Total Fuel Cost	Rs Crore		104.26			
5	Other Charges and Adjustments						
5.1.1	Other Charges (pl. specify details)	Rs Crore					
5.1.2	Other Adjustments (Pl. specify details)	Rs Crore					
	Total Other Charges and Adjustments	Rs Crore					
6	Total Cost (4+5)	Rs Crore		104.26			
7	Cost of Generation per unit (at Generation Terminal) (6/1.4)	Rs/kWh					
8	Energy Charge per unit (ex-bus) (6/1.7)						
8.1.1	Fuel 1-----	Rs/kWh					
	Total---(9)	Rs/kWh					

Form G 5.2 Fuel Cost Details for Thermal Generation KERALA STATE ELECTRICITY BOARD LTD.
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(Rs Cr)

S. No.	Particulars	Units	2015-16			Remarks
			Approved in Tariff Order	Audited	Truing Up requirement	
1	2	3	4	5	6 = 5 - 4	13
1	Basic Cost	Rs/unit				
2	Freight	Rs/unit				
3	Freight Surcharge, if applicable	Rs/unit				
4	Fuel Handling Charges	Rs/unit				
5	Taxes and Duties (pl. specify details)	Rs/unit				
6	Any other charges	Rs/unit				
7	Total Price excluding Transit Loss	Rs/unit				
8	Transit Loss	%				
9	Total Price including Transit Loss	Rs/unit				

Form G 6.1
Fixed assets & provisions for depreciation
KERALA STATE ELECTRICITY BOARD LTD.

Year (n-1)*

(Rs Crore)

S. No.	Particular	Rate of depreciation %	Gross fixed assets				Provisions for depreciation				Net fixed assets at the beginning of the year	Net Fixed Asset at the end of the year
			At the beginning of the year	Additions during the year	Adjustment & deductions	At the end of the year	Cumulative upto the beginning of the year	Additions during the year	Adjustment during the year	Cumulative at the end of the year		
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Land & land rights		1467.10	13.84		1480.94	0.00	0.00		0.00	1467.10	1480.94
1A	Hydraulic works		1153.96	6.37		1160.33	397.89	40.27		438.16	756.07	722.17
2	Building & Civil works of Power plant		479.69	2.09		481.78	200.29	13.55		213.85	279.39	267.93
3	Plant & machinery including sub-station equipments		13265.49	11.38		13276.87	1356.63	67.02		1423.64	11908.87	11853.23
4	Communication equipment		3.29	0.02		3.31	0.63	0.17		0.79	2.67	2.52
5	Vehicles		6.63	0.57		7.20	3.07	0.28		3.35	3.56	3.85
6	Furniture & fixtures		3.59	0.23		3.82	2.42	0.09		2.51	1.17	1.31
7	Office Equipments		3.36	0.09		3.45	1.89	0.09		1.98	1.47	1.47
8	Capital spares		0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00
9	IT Equipments		5.47	0.19		5.66	1.08	0.14		1.22	4.39	4.44
11	Any other items (Lines, Cable Network etc.)		6.46	0.00		6.47	4.30	0.45		4.76	2.16	1.71
	Total (1) to (11)		16395.04	34.79	0.00	16429.82	1968.21	122.05	0.00	2090.25	14426.83	14339.57

Note: Name of the assets should conform to the description of the assets mentioned in the depreciation schedule under Tariff Regulations

Form G 6.2(a)
Calculation of Weighted Average Rate of Interest on Actual Loans
KERALA STATE ELECTRICITY BOARD LTD.

(Rs. Cr)

S.No.	Particulars (specify items)	2015-16			Remarks
		Approved in Tariff Order	Audited	Truing Up requirement	
1	2	3	4	5 = 4 - 3	12
1	Loan from LIC				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		2.76		
iv.	Add: Drawal(s) during the Year		0		
v.	Less: Repayment (s) of Loans during the year		2.76		
vi	Net loan - Closing		0		
vii	Average Net Loan		1.38		
viii	Rate of Interest on Loan on annual basis		9		
ix	Interest on loan		0.17		
x	Loan repayment effective from (date to be indicated)				
2	REC-Various schemes				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		127.9		
iv.	Add: Drawal(s) during the Year		114.49		
v.	Less: Repayment (s) of Loans during the year		19.42		
vi	Net loan - Closing		222.97		
vii	Average Net Loan		175.435		
viii	Rate of Interest on Loan on annual basis		8.5-12.75		
ix	Interest on loan		19.52		
x	Loan repayment effective from (date to be indicated)				
3	REC-For R-APDRP Part B				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		56.85		
iv.	Add: Drawal(s) during the Year		29.83		
v.	Less: Repayment (s) of Loans during the year		2.28		
vi	Net loan - Closing		84.4		
vii	Average Net Loan		70.625		
viii	Rate of Interest on Loan on annual basis		10.4-11.15		
ix	Interest on loan		7.78		
x	Loan repayment effective from (date to be indicated)				
4	REC-Medium Term Loan				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		156.52		
iv.	Add: Drawal(s) during the Year		0		
v.	Less: Repayment (s) of Loans during the year		121.17		
vi	Net loan - Closing		35.35		
vii	Average Net Loan		95.935		
viii	Rate of Interest on Loan on annual basis		10.4-11.15		
ix	Interest on loan		12.33		
x	Loan repayment effective from (date to be indicated)				
..					
5	PFC				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		0		
iv.	Add: Drawal(s) during the Year		50.58		
v.	Less: Repayment (s) of Loans during the year		0		
vi	Net loan - Closing		50.58		
vii	Average Net Loan		25.29		
viii	Rate of Interest on Loan on annual basis		10.4-11.15		
ix	Interest on loan		6.08		
x	Loan repayment effective from (date to be indicated)				
6	South Indian Bank				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		0		
iv.	Add: Drawal(s) during the Year		23.86		
v.	Less: Repayment (s) of Loans during the year		0		
vi	Net loan - Closing		23.86		
vii	Average Net Loan		11.93		
viii	Rate of Interest on Loan on annual basis		10		
ix	Interest on loan		0.02		
x	Loan repayment effective from (date to be indicated)				
7	PFC GEL KAKKAYAM				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		0		
iv.	Add: Drawal(s) during the Year		2.38		
v.	Less: Repayment (s) of Loans during the year		0		

vi	Net loan - Closing		2.38		
vii	Average Net Loan		1.19		
viii	Rate of Interest on Loan on annual basis		10.5		
ix	Interest on loan		0.13		
x	Loan repayment effective from (date to be indicated)				
8	SBI				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		138.1		
iv.	Add: Drawal(s) during the Year		66.28		
v.	Less: Repayment (s) of Loans during the year		5.54		
vi	Net loan - Closing		198.84		
vii	Average Net Loan		168.47		
viii	Rate of Interest on Loan on annual basis	9.45-9.5			
ix	Interest on loan		12.93		
x	Loan repayment effective from (date to be indicated)				
9	Vijaya Bank				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		55.24		
iv.	Add: Drawal(s) during the Year		106.05		
v.	Less: Repayment (s) of Loans during the year		108.27		
vi	Net loan - Closing		53.02		
vii	Average Net Loan		54.13		
viii	Rate of Interest on Loan on annual basis		9.65		
ix	Interest on loan		5.05		
x	Loan repayment effective from (date to be indicated)				
10	South Indian Bank				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		27.62		
iv.	Add: Drawal(s) during the Year		0		
v.	Less: Repayment (s) of Loans during the year		1.11		
vi	Net loan - Closing		26.51		
vii	Average Net Loan		27.065		
viii	Rate of Interest on Loan on annual basis		10		
ix	Interest on loan		3.09		
x	Loan repayment effective from (date to be indicated)				
11	Bank of India				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		96.67		
iv.	Add: Drawal(s) during the Year		152.45		
v.	Less: Repayment (s) of Loans during the year		129.81		
vi	Net loan - Closing		119.31		
vii	Average Net Loan		107.99		
viii	Rate of Interest on Loan on annual basis		9.75		
ix	Interest on loan		10.61		
x	Loan repayment effective from (date to be indicated)				
12	Syndicate Bank				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		27.62		
iv.	Add: Drawal(s) during the Year		79.54		
v.	Less: Repayment (s) of Loans during the year		80.65		
vi	Net loan - Closing		26.51		
vii	Average Net Loan		27.065		
viii	Rate of Interest on Loan on annual basis		9.7		
ix	Interest on loan		2.63		
x	Loan repayment effective from (date to be indicated)				
13	Tamilnad Mercantile Bank				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		27.62		
iv.	Add: Drawal(s) during the Year		0		
v.	Less: Repayment (s) of Loans during the year		27.62		
vi	Net loan - Closing		0		
vii	Average Net Loan		13.81		
viii	Rate of Interest on Loan on annual basis		10.4		
ix	Interest on loan		0.49		
x	Loan repayment effective from (date to be indicated)				
14	IOB				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		179.54		
iv.	Add: Drawal(s) during the Year		92.79		
v.	Less: Repayment (s) of Loans during the year		272.33		
vi	Net loan - Closing		0		
vii	Average Net Loan		89.77		

viii	Rate of Interest on Loan on annual basis		10.25		
ix	Interest on loan		11		
x	<i>Loan repayment effective from (date to be indicated)</i>				
15	Andhra Bank				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		0		
iv.	Add: Drawal(s) during the Year		132.56		
v.	Less: Repayment (s) of Loans during the year		53.03		
vi	Net loan - Closing		79.53		
vii	Average Net Loan		39.765		
viii	Rate of Interest on Loan on annual basis		9.75		
ix	Interest on loan		5.66		
x	<i>Loan repayment effective from (date to be indicated)</i>				
16	Total Loan				
i.	Gross Loan -Opening				
ii.	Cumulative repayments of Loans upto previous year				
iii.	Net loan-Opening		896.44		
iv.	Add: Drawal(s) during the Year		850.81		
v.	Less: Repayment (s) of Loans during the year		823.99		
vi	Net loan - Closing		923.26		
vii	Average Net Loan		909.85		
viii	Interest on Loan		97.49		
ix	Weighted average Rate of Interest on Loans		10.71		

Form G 6.2(b) Calculation of Interest on Normative Loan KERALA STATE ELECTRICITY BOARD LTD.
--

(Rs. Cr)

S.No.	Particulars (specify items)	2015-16			Remarks
		Approved in Tariff Order	Normative	Truing Up requirement	
1	2	3	4	5 = 4 - 3	12
1	Gross Normative loan - Opening				
2	Cumulative repayment of Normative Loan upto previous year		896.45		
3	Net Normative loan - Opening		850.80		
4	Increase/Decrease due to ACE/de-capitalization during the Year		823.98		
5	Repayments of Normative Loan during the year		923.28		
6	Net Normative loan - Closing		909.86		
7	Average Normative Loan		10.71%		
8	Weighted average Rate of Interest of actual Loans		97.47		
9	Interest on Normative loan				

Form G 6.2 (c)
Interest on Bonds to meet Terminal Liabilities
KERALA STATE ELECTRICITY BOARD LTD.

(Rs. Cr)

S.No.	Particulars (specify items)	2015-16			Remarks
		Approved in Tariff Order	Normative	Truing Up requirement	
1	2	3	4	5 = 4 - 3	12
A	Bond Series 1				
1	Value of Bond				
2	Rate of Interest on Bond				
3	Interest on Bond				
B	Bond Series 2				
4	Value of Bond				
5	Rate of Interest on Bond				
6	Interest on Bond				
C	Bond Series 3				

Form G 6.3 Details of Project Specific Loans KERALA STATE ELECTRICITY BOARD LTD.

Year (n-1)*

Rs. Crore

Particulars	Package 1	Package 2	Package 3	Package 4	Package 5	Package 6
1	2	3	4	5	6	7
Source of Loan ¹						
Currency ²						
Amount of Loan sanctioned						
Amount of Gross Loan drawn upto previos year/during current/ensuing year/COD ^{3,4,5,13,15}						
Interest Type ⁶						
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest ⁷						
Margin, if Floating Interest ⁸	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Are there any Caps/Floor ⁹						
If above is yes,specify caps/floor						
Moratorium Period ¹⁰						
Moratorium effective from						
Repayment Period ¹¹						
Repayment effective from						
Repayment Frequency ¹²						
Repayment Instalment ^{13,14}						
Base Exchange Rate ¹⁶						

Form G 6.4

Consolidated report on additions to Fixed Assets during the year
KERALA STATE ELECTRICITY BOARD LTD.

Sr. No.	Asset Description	Asset Code	2015-16						
			(Actuals/audited)						
			Cost	Interest	Finance Charges	Pre-Operative expenses	Exchange fluctuations	Total	Date of commissioning
1	2	3	4	5	6	7	8	9	10
01.	Land & Land Rights	10.1						13.84	
02.	Buildings	10.2						1.71	
03.	Hydraulic Works	10.3						6.37	
04.	Other Civil Works	10.4						0.38	
05.	Plant & Machinery	10.5						11.40	
06.	Lines, Cable, Network etc.	10.6						0.00	
07.	Vehicles	10.7						0.57	
08.	Furniture & Fixtures	10.8						0.23	
09.	Office Equipments	10.9						0.28	
	TOTAL							34.79	

Form G 6.5**Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects**

KERALA STATE ELECTRICITY BOARD LTD.

Capital Cost Estimates

Board of Director/ Agency approving the Capital cost estimates:							
Date of approval of the Capital cost estimates:							
	Present Day Cost			Completed Cost			
Price level of approved estimates	As of End of _____ Qtr. Of the year _____			As on Scheduled COD of the Station			
Foreign Exchange rate considered for the Capital cost estimates							
Capital Cost excluding IDC & FC							
Foreign Component, if any (In Million US \$ or the relevant Currency)							
Domestic Component (Rs. Cr.)							
Capital cost excluding IDC & FC (Rs. Cr)							
IDC & FC							
Foreign Component, if any (In Million US \$ or the relevant Currency)							
Domestic Component (Rs. Cr.)							
Total IDC & FC (Rs.Cr.)							
Rate of taxes & duties considered							
Capital cost Including IDC & FC							
Foreign Component, if any (In Million US \$ or the relevant Currency)							
Domestic Component (Rs. Cr.)							
Capital cost Including IDC & FC (Rs. Cr)							
Schedule of Commissioning							
COD of Unit-I/Block-I							
COD of Unit-II/Block-II							

COD of last Unit/Block							

Form G 6.6							
Break-up of Capital Cost for Thermal projects							
KERALA STATE ELECTRICITY BOARD LTD.							
							Rs. Crore.
S.No.	Break Down	Cost in Rs. Crores			Variation (Rs. Cr.)	Reasons for Variation	Admitted Cost (Rs. Cr.)
		As per original Estimates	Actual Expenditure as	Liabilities/ Provisions			
1	2	3	4	5	6	7	8
1.0	Land & Site Development						
2.0	Access road						
3.0	Temporary construction and enabling works						
4	Water storage system						
5.0	Water transportation system						
6.0	Railway system						
7.0	Steam generator / Boiler Island						
8.0	Steam Turbine Generator island including taxes, duties etc.						
9.0	Balance of Plant						
9.1	Mechanical BOP						
9.1.1	Coal handling system /fuel handling system and storage						
9.1.2	Ash handling system						
9.1.3	CW System						
9.1.4	DM Plant						
9.1.5	Raw water system						
9.1.6	Effluent treatment Plant						
9.1.7	Station Piping System						
9.1.8	Fire Fighting System						
9.1.9	Compressed Air System						
9.1.10	Air Conditioning and Ventilation System						
9.1.11	Misc. items including EOT cranes, hoist and elevators etc.						
9.1.12	Tax, Duties, F&I						
9.1.13	Spares						
9.2	Electrical BOP						
9.2.1	Power Transformers						
9.2.2	Switchyard						
9.2.3	Bus Duct						
9.2.4	HT Switchgear						
9.2.5	LT Switchgear						
9.2.6	DC Power System						
9.2.7	Power and Control Cables						
9.2.8	Control and Relay Panels						
9.2.9	Station Lighting						
9.2.10	DG Set						
9.2.11	Electrical equipment erection, cabling and grounding						
9.2.12	Other Misc. items						
9.2.13	Taxes, Duties and F&I						
9.2.14	ETC and spares						
9.3	Total BOP Civil Works						
9.3.1	Main Power house building						
9.3.2	Plant water system						
9.3.3	Chimney						
9.3.4	Permanent Township						
9.3.5	Ash dyke						
9.3.6	Misc. plant buildings						
9.3.7	Temporary sheds						
10.0	Control and Instrumentation						
11.0	Operator Training						
12.0	Start up fuel						
13.0	Construction insurance						
14.0	Special T&P						
15.0	Total Cost of Works (sum of items 1 to 15 above)						
16.0	Overheads						
16.1	Development Expenses						
16.2	Legal Expenses						
16.3	Establishment/Construction supervision						
16.4	Consultancy and Engineering						
16.5	Audit and Account						
16.6	Contingency						
16.7	Sub-total of Item 16						
17.0	Capital cost excluding IDC & FC						
18	Interest During Construction (IDC)						
19	Financing Charges (FC)						
20.0	Capital cost including IDC & FC						
21	Cost per MW						

Form G 6.7

Break-up of Construction / Supply / Service packages

KERALA STATE ELECTRICITY BOARD LTD.

S.No.	Name/No. of Construction / Supply / Service Package	Scope of works ¹ (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/Depatmentally/Deposit Work	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of Award ² in (Rs. Cr.)	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier(Rs.Cr.)	Taxes & Duties and Pre-operative Expenses	IDC, FC, FERV & Hedging cost	Variation (Rs.Cr.)	Variation on account of change in Price (Rs. Cr.)	Reason for change in Price	Variation on account of change in Scope of Work (Rs. Cr.)	Reason for Change in Scope of Work
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
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25																	
26																	
27																	
28																	
29																	
30																	
31																	
32																	

Form G 6.8													
Draw Down Schedule for Calculation of IDC & Financing Charges (year wise from commencement of works to COD)													
KERALA STATE ELECTRICITY BOARD LTD.													

Rs. Crore

S.N o.	Draw Down	Quarter 1			Quarter 2			Quarter 3			Quarter 4		
	Particulars	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee	Quantu m in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Loans												
1.1	Foreign Loans												
1.1.1	Foreign Loan 1												
	Draw down Amount												
	IDC												
	Financing charges												
1.1.2	Foreign Loan 2												
	Draw down Amount												
	IDC												
	Financing charges												
1.1.3	Foreign Loan 3												
	Draw down Amount												
	IDC												
	Financing charges												
1.1.4	--												
	--												
	--												
1.1	Total Foreign Loans												
	Draw down Amount												
	IDC												
	Financing charges												
1.2	Indian Loans												
1.2.1	Indian Loan 1												
	Draw down Amount												
	IDC												
	Financing charges												
1.2.2	Indian Loan 2												
	Draw down Amount												
	IDC												
	Financing charges												
1.2.3	Indian Loan 3												
	Draw down Amount												
	IDC												
	Financing charges												
1.2.4	--												
	--												
	--												
1.2	Total Indian Loans												
	Draw down Amount												
	IDC												
	Financing charges												
1	Total of Loans drawn												
	IDC												
	Financing charges												
2	Equity												
2.1	Foreign equity drawn												
2.2	Indian equity drawn	--	--		--	--		--	--				
	Total equity deployed												

Note: Drawal of debt and equity shall be on paripassu basis to meet the commissioning schedule. Drawal of higher equity in the

Form G 6.9
Return on Equity/Return on Net Fixed Assets
KERALA STATE ELECTRICITY BOARD LTD.

Rs. Crore

S.No.	Particulars	Reference	2015-16				Remarks
			Approved in Tariff Order	Audited	Normative	Truing Up requirement	
1	2	3	4	5	6	7	14
1	Equity at the beginning of the year			966.46		1454.5	
2	Capitalisation						
3	Equity portion of capitalisation			-38.77			
4	Equity at the end of the year			927.69		1454.5	
	Return Computation						
5	Return on Equity at the beginning of the year	14%*(1)		135.30		203.63	
6	Return on Equity portion of capitalisation (on pro-rata basis)	14%*(3)/2		-5.43		0	
7	Total Return on Equity	(5)+(6)		129.8766		203.63	

Form G 6.10

Statement of Additional Capitalisation after COD and Details for Financing

KERALA STATE ELECTRICITY BOARD LTD.

(Rs. Crore)

[illegible]

Form G 6.11 Interest on Working Capital KERALA STATE ELECTRICITY BOARD LTD.
--

Rs. Crore

S. No.	Particulars	2015-16				Remarks
		Approved in Tariff Order	Audited	Normative	Truing Up requirement	
1	2	3	4	5	6	13
1	Fuel cost (as per norms)		104.26			
2	Liquid fuel stock (as per norms)		26.16			
3	O & M expenses (as per norms)		184.50			
4	Maintenance Spares (as per norms)					
5	Receivables (as per norms)		174.69			
	Total Working Capital		489.61			
	Rate of Interest (as per norms)					
	Interest on Working Capital					

Form G 6.12 Tax on ROE KERALA STATE ELECTRICITY BOARD LTD.

Rs.

S. No.	Particulars	2015-16			Remarks
		Approved in Tariff Order	Audited	Truing Up requirement	
1	2	3	4	5 = 4 - 3	10
A)	Advance Tax assessed & deposited on				
a)	for Quarter I & deposited on 15 th June.				
b)	for Quarter II & deposited on 15 th Sept.				
c)	for Quarter III & deposited on 15 th Dec.				
d)	for Quarter IV & deposited on 15 th March.				
	Total---(A)				

Form G 6.13
Inflow Review (Water Year)
KERALA STATE ELECTRICITY BOARD LTD.

Rs. Crore

Sr. No.	Year	June	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1996-97													
2	1997-98													
3	1998-99													
4	1999-00													
5	2000-01													
6	2001-02													
7	2002-03													
8	2003-04													
9	2004-05													
10	2005-06													
11	2006-07													
12	2007-08													
13	2008-09													
14	2009-10													
15	2010-11													
16	2011-12													
17	2012-13													
18	2013-14													
19	2014-15													
20	2015-16													
	Average													

Form G 6.14
Month wise inflow in MM³
KERALA STATE ELECTRICITY BOARD LTD.

Rs. Crore

Sr. No.	Month	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	Current Year(n)	Ensuing Year (n+1)	2014-15	2015-16	Average
1	2	3	4	5	6	7	8	9	10	11	12	...	14	15	16			17
1	June																	
2	July																	
3	Aug																	
4	Sep																	
5	Oct																	
6	Nov																	
7	Dec																	
8	Jan																	
9	Feb																	
10	Mar																	
11	Apr																	
12	May																	
	Average																	

Form G 6.15 Maintenance Schedule and net hydro capacity available (MW) KERALA STATE ELECTRICITY BOARD LTD.																
																Rs. Crore
Sr. No.	Stations	No. of units and unit size	Installed Capacity under operation (MW)	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Remarks
				Maintenance Schedule (MW)												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1																
2																
3																
4																
..																
..																
..																
..																
..																
..																
..																
..																
..																
..																
..																
	Average															

Form G 7.1 Proposed improvement in performance KERALA STATE ELECTRICITY BOARD LTD.

Rs. Crore

S.No.	Particulars	2015-16				Remarks
		Approved in Tariff Order	Audited	Normative	Truing Up requirement	
1	2	3	4	5	6	13
1	Plant load factor (%)					
2	Auxiliary consumption (%)					
3	Specific fuel consumption					
(I)	coal, kg / kWh					
ii)	gas, SCM / kWh					
(iii)	oil, ml / kwh					
(iv)	Limestone kg / kWh					
(v)	any other fuel					
4	Station heat rate, (kcal / kwh)					
5	Annual Maintenance shut down days					
6	Forced / planned shut down except annual shut down					
(I)	number / year					
(ii)	cumulative duration, hours / year					
7	Fly ash utilisation, %					
8	Other by-product utilisation(give list)					
9	Outstanding dues, days of receivables					
10	Availability					

Form G 8
Deviation Analysis
KERALA STATE ELECTRICITY BOARD LTD.

Year (n-1)

(Rs. Crore)

S. No.	Particulars	Approved	Actual	Deviation	Reason for Deviation	Controllable	Uncontrollable
1	2	3	4	5	6	7	8
A	Expenditure						
1	Variable Costs, including Fuel Cost						
2	Depreciation						
3	Interest on term Loan & Finance charges						
4	Return on Equity						
5	Tax on ROE						
6	Interest on Working Capital						
7	O & M Expenses						
9	Any other item (to be specified)						
	Total (A) Expenditure						
B	Receipts						
1	Revenue from Sale of Power (Tariff income)						
2	Non Tariff income						
3	Revenue Subsidies, Grants & Subvention from State Govt.						

Note: Please give detailed explanation separately for the deviations on account of uncontrollable factors

Form G P&L
Profit & Loss Account
KERALA STATE ELECTRICITY BOARD LTD.

(Rs Cr)

S.No.	Particulars	Ref	Previous Year	Previous Year	Remarks
			2015-16	2014-15	
1	2	3	4	5	6
	I.INCOME				
	a. Revenue from Sale of Power		633.37	791.38	
	b. Revenue Subsidies and Grants				
	c. Other Income		19.43	6.45	
	Total (a+b+c)		652.8	797.83	
	II. EXPENDITURE				
	a. Repairs and Maintenance.		26.02	25.85	
	b. Employee Cost		142.17	121.24	
	c. Administration and General Expenses		16.31	40.8	
	d.Depreciation		122.05	119.56	
	e.Interest and Finance charges		46.32	55.58	
	f. Subtotal (a+b+c+d+e)		352.87	363.03	
	g. Less Capitalised Expenses:				
	- Interest & Finance Charges				
	- Other Expenses				
	h. Other Debits		2.24	5.46	
	i. Extra Ordinary Items				
	j.Fuel cost (Generation of Power)		104.26	209.91	
	Total Expenditure (f-g+h+i+j)		459.37	578.4	
	III. Profit /(Loss) before Tax (I-II)		193.43	219.43	
	IV. Provision for Income Tax				
	V.Net Prior period credits (Charges)		10.2	-15.8	
	VI. Surplus (Deficit)		203.63	203.63	
	VII. Net Assets at the beginning of the year (Less consumer's Contribution)				
	VIII. Rate of Return (VI / VII)				

Form G BS
Balance Sheet at the end of the year
KERALA STATE ELECTRICITY BOARD LTD.

(Rs Cr)

S.No.	Particulars	Ref	Previous Year 2015-16	Previous Year 2014-15	Remarks
1	2	3	4.00	5.00	6
	Sources of Funds:				
	(A) Capital Funds:				
	Share Capital (Govt. equity)		927.69	966.46	
	Reserves & Surplus				
	Total (A)		927.69	966.46	
	(B) Loan from State Government				
	Loan from others :				
	-Secured		419.53	344.03	
	-Unsecured		503.74	552.42	
	Total (B)		923.27	896.45	
	(C) Contribution, grants & subsidies towards cost of capital assets				
	Provident Fund		75.09	67.94	
	Terminal Benefit Fund		12011.58	12011.14	
	Borrowings for working capital				
	Long term Provision		997.09	391.67	
	Grand total of sources of funds (A+B+C)		14934.72	14333.66	
	*Application of Funds:				
	A) Fixed assets				
	a) Gross fixed assets		16429.83	16395.04	
	b) Less accumulated depreciation		2090.26	1968.21	
	c) Net Fixed assets((a)-(b))		14339.57	14426.83	
	d) Capital works in progress		1112.10	899.40	
	e) Assets not in use				
	f) Deferred costs		93.59	83.55	
	g) Intangible assets				
	h) Investments		8.46	10.49	
	Long term Loans and Advances		4.41	4.30	
	Total (c) +(d)+(e)+(f)+(g)+(h)		15558.13	15424.57	
	B) Subsidy receivable from Government		319.98	-220.13	
	Contribution receivable from State Government towards pension liability				
	C) Net Current Assets				
	(1) Current assets, loans and advances				
	a) Inventories*		26.16	37.18	
	b) Receivables against Sale of Power				
	c) Cash & bank balances		20.24	19.00	
	d) Loans and advances		9.84	7.42	
	e) Sundry receivables		174.69	169.62	
	Total (C)(1)		230.93	233.22	
	(2) Current liabilities & provisions				
	a) Borrowings for working capital		868.78	844.19	
	b) Payments due on Cap. liabilities				
	c) Other current liabilities		305.54	259.81	
	Total (C)(2)		1174.32	1104.00	
	Net Current Assets (C) [(C(1)) - (C(2))]		-943.39	-870.78	
	Grand Total of Application of funds (A)+(B)+(C)		14934.72	14333.66	

Form G CF
Cash Flow for the year
KERALA STATE ELECTRICITY BOARD LTD.

S.No.	Particulars	Ref	Previous Year	Previous Year	Remarks
			2015-16	2014-15	
1	2	3	4.00	5	6
I	Net Funds from Operations				
1a	Net Funds from Earnings :				
	a) Profit before tax and before revenue subsidies and grants		203.63	203.63	
	Less : Income Tax Payment during the year				
	Total of (a)		203.63	203.63	
	b. Add: Debits to rev. account not requiring cash Flow:				
	i) Depreciation		122.05	119.56	
	ii) Amortisation of Deferred costs				
	iii) Amortisation of Intangible Assets				
	iv) Investment Allowance Reserve				
	v) Others, if any		605.42		
	Total of (b)		727.47	119.56	
	c. Less : Credits to revenue Account not involving cash receipts				
	i) Depreciation				
	ii) Subsidies receivables				
	iii) Revenue gap				
	Total of (c)		0.00		
	Net Funds from Earnings (a)+(b)-(c)		931.10	323.19	
2	Contributions, Grants & Subsidies to cost of Capital Assets				
4	Proceeds from disposal of fixed Assets				
5	Total Funds from Operations (1+2+3)		931.10	323.19	
6	Net Increase/(Decrease) in working Capital				
	(a) Increase/(Decrease) in Current Assets				
	i) Inventories		-11.02		
	ii) Receivables against sale of power				
	iii) Loans and Advances		2.42		
	iv) Sundry receivables		5.07		
	v) Subsidy receivables				
	Total of (a)		-3.53	0.00	
	(b) Increase/(Decrease) in Current liabilities				
	i) Borrowings for working Capital		24.59		
	ii) Other current liabilities		45.73		
	iii) Others (Increase in Reserve + payment due on cap.liab)				
	Total of (b)		70.32	0.00	
	Net Increase/(Decrease) in working Capital (a)- (b)		-73.85	0.00	
7	Net Funds from operations before subsidies and Grants (5-6)		1004.95	323.19	
8	Receipts from revenue subsidies and Grants		-540.11		
	Total Net Funds from operations including subsidies & Grants (7+8)		464.84	323.19	
II.	Net increase/ decrease in Capital liabilities				
	a). Fresh borrowings				
	i) State Loans				
	ii) Foreign currency Loans / Credits				
	iii) Other borrowings		708.03		
	Total of (a)		708.03		
	b) Repayments :				
	i) State Loans				
	ii) Foreign currency Loans / Credits				
	iii) Other borrowings		681.21		
	Total of (b)		681.21		
	Net Increase/(Decrease) in Capital liabilities (a) - (b)		26.82		
III.	Increase/(Decrease) in equity Capital		-242.40		
IV.	Total Funds available for Capital Expenditure (I+II+III)		249.26	323.19	
V	Funds utilised on Capital Expenditure				
	a) On projects		247.49		
	b) Advance to Suppliers & Contractors				
	c) Intangible Assets				
	d) Deferred Cost		10.04		
	e) Long Term Loans and Advances		0.11		
	Total of V (a+b+c+d)		257.64	0.00	
VI	Net Increase/(Decrease) in Government contribution				
VII	Net Increase/(Decrease) in Terminal benefit fund		0.44		
VIII	Net Increase/(Decrease) in Provident fund		7.15		
IX	Net Increase/(Decrease) in investments		-2.03		
X	Net Increase / (Decrease) in cash / bank balance (IV - V- VI-IX)+ (VII+VIII)		1.24	323.19	
XI	Add opening cash & Bank balance		19.00		
XII	Closing Cash & Bank balance		20.24	323.19	