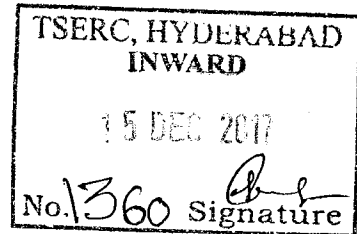
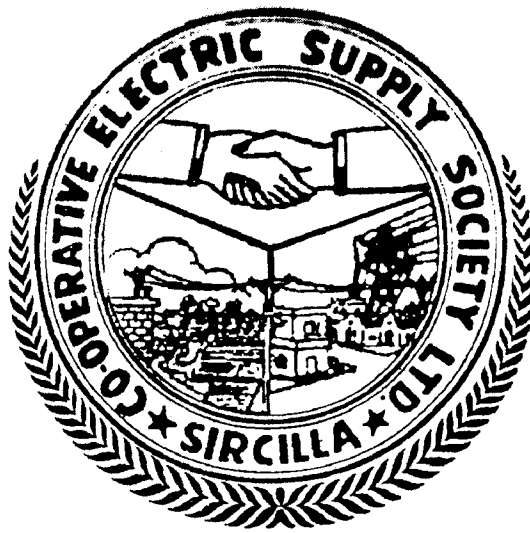


**THE CO.OPERATIVE ELECTRIC SUPPLY  
SOCIETY LTD SIRCILLA  
(CESS)**



3 of 5



**EXPECTED REVENUE FROM CHARGES  
AGGREGATE REVENUE REQUIREMENT  
FOR FY 2018 – 2019**

SR No. 46 of 2017

Email: cess.aao.exp@gmail.com STD : 08723

Fax No.232024

**CESS**

**CO-OPERATIVE ELECTRIC SUPPLY SOCIETY LIMITED,**

Regd. No.748/TD

A Project Financed by

New Delhi. (A Govt. of



**SIRCILLA – 505 301**

Dist: Rajanna Sircilla  
Telangana

Lr.No.CESS/MD/AO/AAO-EXP/D.No.70/2017,

Date:14-12-2017

From:  
Managing Director,  
CESS Limited,  
SIRCILLA.  
Dist: Karimnagar

To  
The Telangana Electricity  
Regulatory Commission  
11-4-660, 5<sup>th</sup> Floor,  
Singareni Bhavan,  
Red Hills, Lakdikapul,  
HYDERABAD.

Sir,

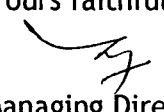
Sub:- CESS.Ltd.Sircilla - Filing of A.R.R. for the FY 2018-19 - Submission -  
Regarding.

\*\*\*

The Aggregate Revenue Requirement for the FY 2018-19 of Co-operative  
Electric Supply Society Limited, Sircilla is submitted here with.

Encls: 5 copies

Yours faithfully,

  
Managing Director,  
CESS. Ltd. Sircilla.

भारतीय शैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY RUPEES

INDIA NON JUDICIAL

తెలంగాణ రాష్ట్రం TELANGANA

3800 28-11-2017 2000

MD Yunus Managing Director (ess) S/S

Sircilla

BEFORE THE TELANGANA STATE ELECTRICITY REGULATORY COMMISSION  
11-4-660, 5<sup>th</sup> Floor Singareni Bhavan, Red Hills, Lakdikapul,  
Hyderabad (India)

FILING NO.  
CASE NO.

In the matter of: Filing of expected Revenue from charges ("The Aggregate Revenue Requirement" "ARR") for the financial year 2018-19 by the Co-operative Electric Supply Society Limited, Sircilla, District Karimnagar which is exempted from license for distribution and retail supply of power under section 13 of the Electricity Act 2003. Read with the relevant guidelines issued by this Hon'ble Commission.

AND

In the matter of:

AFFIDAVIT VERIFYING THE APPLICATION.

I, Md. Yunus S/o Hasham working as Managing Director in the Co-operative Electric Supply Society Limited, Sircilla - 505 301 District Rajanna Sircilla, do hereby solemnly affirm and state as under.

- 1) I am the Managing Director of the Co-operative Electric Supply Society Limited, Sircilla the applicant in the above matter and I am duly authorized by the said applicant, to this affidavit on its behalf.
- 2) The statements made in the paragraphs of the accompanying application now shown to me are true to my knowledge derived from the official records of the Co-operative Electric Supply Society Limited, Sircilla made available to me and are based on information and advise received which I believe to be true and correct.

//ATTESTED//

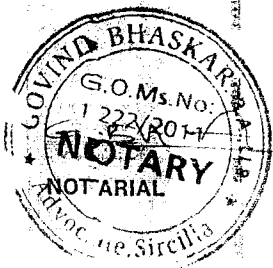
NOTARY

Govind Bhaskar ADVOCATE  
Appointed by the Govt. of A.P. INDIA  
H No: 8-4-24/A/1, Gandhinagar  
SIRCILLA-505301, Dist. Rajanna Sircilla-T.S.

"Solemnly affirm"

DEPONENT

Entered at S.No. 192/2017  
of the Notarial Register Dt. 12/12/2017



**APPENDIX - I**

**REVISED REQUIREMENT FORM 1.1: CAPITAL BASE**

(Rs. Lakhs)

1 Data required	2016-17 Previous year audited	2017-18 Current year unaudited	2018-19 Ensuing year projected
a) Original cost of fixed asset (excluding consumers contributions)	5870.39	7165.35	8528.24
b) Cost of intangible assets	-	-	-
c) The original cost of work in progress	2999.56	2199.56	1599.56
d) The amount of investment compulsorily made under Para - IV of the sixth schedule			
e) An amount on account of working capital equal to them sum of			
i) Average cost of stores (1/12th of the sum of the stores material and suppliers including fuel in hand at the end of each month of the year)	27.99	33.66	34.68
ii) Average cash and bank balance (1/12th of sum cash and bank balance whether credit or debit and call and short term deposits at the end of each month of the year) NA capitalized Loss allowed by the commission*	133.12	185.64	224.07
Sub total of positive elements of capital sum of above			
<b>Sum of above</b>	<b>9031.06</b>	<b>9584.21</b>	<b>10386.55</b>
<b>LESS:</b>			
i) The amounts written off or set aside on account of depreciation of fixed assets	6207.43	6634.87	7166.63
ii) The amount of any loan or subvention from the state Govt.	-	-	-
ii-a) The amount of any loans borrowed from organizations or institutions approved by the state Government	45.03	38.60	32.17
ii-b) The amount of any debenture issued by the license	-	-	-
iii) The amounts deposited in cash with the licensee by consumers, by way of security	654.06	693.71	737.51
iv) The amount standing to the credit of Tariffs and Dividends control Reserve at the beginning of the year of account	-	-	-
v) The amount standing to the credit of the development Reserve at the close of the year	-	-	-
vi) The amount carried forward (at the beginning of the year of account) in the accounts of the Licensee for distribution to the consumers	-	-	-
<b>Sub total of negative elements of Capital Base</b>	<b>6906.52</b>	<b>7367.18</b>	<b>7936.31</b>
<b>Sub of above</b>			
<b>Net capital Base net figure</b> (first sub-total above minus the second)	<b>2124.54</b>	<b>2217.03</b>	<b>2450.24</b>

**THE CO-OPERATIVE ELECTRIC SUPPLY SOCIETY LIMITED SIRCILLA**

**AVERAGE COST OF STORES STOCK FOR FY 2015-16**

<b>MONTH</b>	<b>CLOSING BALANCE RS.</b>
Apr-16	78,808,492.78
May-16	75,149,371.39
Jun-16	85,608,844.74
Jul-16	83,967,862.27
Aug-16	87,424,622.05
Sep-16	83,803,803.86
Oct-16	80,840,781.90
Nov-16	89,340,938.05
Dec-16	105,446,608.74
Jan-17	98,102,225.54
Feb-17	89,336,726.36
Mar-17	57,385,448.07
<b>TOTAL RS.</b>	<b>1,015,215,725.75</b>
<b>Avg.Stock= Total/12</b>	<b>84,601,310.48</b>

**2016-17 Actuals**

1/12 R&M Expenditure =  $335.87/12=27.99$  Lakhs

**2017-18 Estimations**

1/12 R&M Expenditure =  $403.96/12= 33.66$  Lakhs

**2018-19 Projections**

1/12 R&M Expenditure =  $416.10/12=34.68$  Lakhs

THE CO-OPERATIVE ELECTRIC SUPPLY SOCIETY LIMITED SIRCILLA

AVERAGE CASH BALANCES FOR THE ARR-2018-19

Actuals 2016-17

<u>2017-18</u>	<u>Amount In Rs. Lakhs</u>
Salaries	846.22
Adm.&Gen Exp	165.59
R& M Exp incl	
Spot Bil& coll	335.87
Emp Funds	193.84
Rents& Taxes	
Legal Exp.and Int	
Audit Exp	55.92
<b>Total Rs.</b>	<b>1597.44</b>
<b>AVG Balance Rs.</b>	<b>133.12 Lakhs</b>

Estimations for FY 2017-18

<u>2017-18</u>	<u>Amount In Rs. Lakhs</u>
Salaries	1256.36
Adm.&Gen Exp	110.27
R& M Exp incl	
Spot Bil& coll	403.96
Emp Funds	400.00
Rents& Taxes	
Legal Exp.and Int	57.08
<b>Total Rs.</b>	<b>2227.67</b>
<b>AVG Balance Rs.</b>	<b>185.64 Lakhs</b>

Projectins for 2017-18

<u>2017-18</u>	<u>Amount In Rs. Lakhs</u>
Salaries	1645.70
Adm.&Gen Exp	163.12
R& M Exp incl	
Spot Bil& coll	416.10
Emp Funds	400.00
Rents& Taxes	
Legal Exp.and Int	64.02
<b>Total Rs.</b>	<b>2688.94</b>
<b>AVG Balance Rs.</b>	<b>224.07 Lakhs</b>

## Form 1.1a: Fixed Assets

(Rs.in Lakhs)

Particulars of assets	Balance at the beginning of the year 2016 - 2017	Additions during the year 2016 - 2017	Retirement of assets during the audited year	Balance at the end of the year 2016 - 2017
<b><u>Previous Year</u></b>				
Land and rights	0.581	-	-	0.581
Building and structures	47.239	-	-	47.239
Sub station transformers, Transformer kiosk, other fixed apparatus of rating 100 KVA and above	2700.192	160.010	0.085	2860.117
Sub station transformers, Transformer kiosk, other fixed apparatus of rating 100 KVA and below	1970.388	160.590	-	2130.978
Switch gear	376.990	38.250	-	415.240
Towers, poles fixtures, over head conductors and devises	5642.217	345.390	-	5987.607
Underground cables and devices	-	-	-	-
Service lines & lighting arrestors	38.205	-	-	38.205
Metering equipment	566.138	4.108	3.290	566.956
Public Lighting	14.577	-	-	14.577
Miscellaneous equipment	121.409	14.650	-	136.059
<b>Total</b>	<b>11477.936</b>	<b>722.998</b>	<b>3.375</b>	<b>12197.559</b>

## Form 1.1a: Fixed Assets

(Rs.in Lakhs)

Particulars of assets	Balance at the beginning of the year 2017 - 2018	Additions during the year 2017 - 2018	Retirement of assets during the year 2017 - 2018	Balance at the end of the year 2017 - 2018
<b><u>Current Year</u></b>				
Land and rights	0.581	-	-	0.581
Building and structures	47.239	-	-	47.239
Sub station transformers, Transformer kiosk, other fixed apparatus of rating 100 KVA and above	2860.117	200.000	-	3060.117
Sub station transformers, Transformer kiosk, other fixed apparatus of rating 100 KVA and below	2130.978	500.000	-	2630.978
Switch gear	415.240	-	-	415.240
Towers, poles fixtures, over head conductors and devises	5987.607	400.000	-	6387.607
Underground cables and devices	-	-	-	-
Service lines & lighting arrestors	38.205	-	-	38.205
Metering equipment	566.956	500.000	-	1066.956
Public Lighting	14.577	-	-	14.577
Miscellaneous equipment	136.059	-	-	136.059
<b>Total</b>	<b>12197.559</b>	<b>1600.000</b>	<b>-</b>	<b>13797.559</b>



## Form 1.1a: Fixed Assets

(Rs.in Lakhs)

Particulars of assets	Balance at the beginning of the year 2018 - 2019	Additions during the year 2018 - 2019	Retirement of assets during the year 2018 - 2019	Balance at the end of the year 2018 - 2019
<b><u>Ensuing year</u></b>				
Land and rights	0.581	-	-	0.581
Building and structures	47.239	-	-	47.239
Sub station transformers, Transformer kiosk, other fixed apparatus of rating 100 KVA and above	3060.117	200.000	-	3260.117
Sub station transformers, Transformer kiosk, other fixed apparatus of rating 100 KVA and below	2630.978	500.000	-	3130.978
Switch gear	415.240	-	-	415.240
Towers, poles fixtures, over head conductors and devises	6387.607	400.000	-	6787.607
Underground cables and devices	-	-	-	-
Service lines & lighting arrestors	38.205	-	-	38.205
Metering equipment	1066.956	500.000	-	1566.956
Public Lighting	14.577	-	-	14.577
Miscellaneous equipment	136.059	-	-	136.059
<b>Total</b>	<b>13797.56</b>	<b>1600.000</b>	<b>-</b>	<b>15397.56</b>

**Form 1.1b: Depreciation**

(Rs.in Lakhs)

Description of assets	Balance of accumulated depreciation at the beginning of the year	Balance of arrears of depreciation at the beginning the year	Additions during the year				With drawl from the depreciation fund during the year	Balance of accumulated depreciation at the end of the year	Balance of arrears of depreciation at the end of the year
			Rate of depreciation	Depreciation provided for the year	Arrears depreciation written off during the year	Total			
<b><u>Previous Year</u></b>									
2015-16	5802.00	-	-	405.43	-	405.43	-	-	6207.43
<b><u>Current Year</u></b>									
2016 - 2017	6207.43	-	-	427.44	-	427.44	-	-	6634.87
<b><u>Ensuing Year</u></b>									
2017 - 2018	6634.87	-	-	531.76	-	531.76	-	-	7166.63

**Form 1.1c: Written Down cost of fixed Assets**

Description of assets	Balance of written down cost of assets at the beginning of the year	Written down cost of assets retired during the year	Written down cost of assets sold during the year	Amount realised during the year	Excess of sale proceeds over written down cost transferred to contingencies reserve account	Amount written off during the year	Balance of written down cost at the end
<b><u>Previous Year</u></b>							
2016-17	5675.94	-	-	-	-	405.43	5270.51
<b><u>Current Year</u></b>							
2017-18	5990.13	-	-	-	-	427.44	5562.69
<b><u>Ensuing Year</u></b>							
2018-2019	7162.68	-	-	-	-	531.76	6630.92

## Form 1.1d: Capital Expenditure

(Rs. In Crores)

Project name	Brief description of	Project cost		Reasons for cost revision	Project schedule up to the end		Reasons for cost revision	Exp.	Exp.	Exp.	Exp.	Source of capital current
		Original estimate	Revised estimate		Original completion date	Revised completion date		during the end of previous year	during the year	upto the end of current year	capitalised	
<b>Previous Year</b>												
2016-17	Rural Electrification & intensification	18.17	29.03	-	-	31.3.98	Does not arise	114.77	15.26	130.03	6.95	REC loan members contribution etc.
<b>Current Year</b>												
2017-18	Rural Electrification & intensification	18.17	29.03	-	-	31.3.98	Does not arise	121.97	8.00	129.97	16.00	REC loan members contribution etc.
<b>Ensuing Year</b>												
2018-19	Rural Electrification & intensification	18.17	29.03	-	-	31.3.98	Does not arise	137.97	10.00	147.97	16.00	REC loan members contribution etc.

**Form 1.1e: Work in progress**

(Rs. In Lakhs)

Description	2016 - 2017 Previous year audited (Rs. In Lakhs)	2017 - 2018 Current year estimated (Rs. In Lakhs)	2018 - 2019 Ensuring year Projected (Rs. In Lakhs)
Opening balance	2168.39	2999.56	2199.56
Add: New investment			
Capital expenditure	1526.47	800.00	1000.00
Intrest during construction			
Less: Investment capitalised*	695.30	1600.00	1600.00
Closing balance	2999.56	2199.56	1599.56

**Form 1.1f: Sale and Lease Bank of Assets**

Sl.No.	Particulars of assets	Year acquisition	Original cost of	Year of sale	Book value at the time of the sale	Period of lease	Annual lease payments
<b>NIL</b>							

**Form 1.1g: Domestic Loans and Debentures**

Sl.No.	Name of the institution	Balance at the 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 (indicative of several loans per institution)	Interest to be paid during the year
<b>NIL</b>							

Revenue Requirement Form 1.2: Reasonable Return

(Rs. In Lakhs)

Ref.	Date Required	2016 - 2017 Previous year Audited Rs. In Lakhs	2017 - 2018 Current year Estimated Rs. In Lakhs	2018 - 2019 Ensuring year Projected Rs. In Lakhs
10 (b)	Reserve Bank rate used in the calculations below	7.00%	7.00%	7.00%
9 (a)	Reasonable return on the capital base as on 31-03-1999 at (RBR+5%)	254.945	266.044	294.029
9 (a)	Reasonable return on the capital base thereafter (16%)	40.791	42.567	47.045
9 (b)	Income from investments, other than those investment compulsorily made under para-IV of the sixth schedule	-	-	-
	<b>Total</b>	<b>295.736</b>	<b>308.611</b>	<b>341.073</b>
9 (c-1)	The amount of any loans borrowed from organizations or (0.5%) institutions approved by the state Govt. multiplied by one-half of one per centum	0.225	0.193	0.161
9 (c-2)	The amount of any debenture issued by the licensee multiplied by one-half of one per centum	-	-	-
	<b>Total</b>	<b>0.225</b>	<b>0.193</b>	<b>0.161</b>
9 (c-d)	The amount standing to the credit of the development reserve at the close of the year multiplied by one-half of lone per centum	-	-	-
10	<b>Reasonable return</b>	<b>295.961</b>	<b>308.804</b>	<b>341.234</b>

## Revenue Requirement Form 1.3: Expenditure

		(Rs. In Laks)		
		2016 - 2017	2017 - 2018	2018 - 2019
		Previous year	Current year	Ensuing year
		Audited	Estimated	Projected
		Rs. In Laks	Rs. In Laks	Rs. In Laks
	Expenditure properly incurred in:			
2(b)(i)	Purchase of energy (provide details in form 1.3a)	5813.08	9005.27	9905.80
2(b)(ii)	Distribution and sale of energy (broken down as follows)			
	1. Wages, salaries, other allowances and benefits (including bonuses) of employees of the company	846.22	1256.36	1645.70
	2. Administrative and general expenses relating to the distribution and sale of energy	165.59	110.27	163.12
	3. Non-labour repair and maintenance expenses relating to the distribution and sale of energy	335.87	403.96	416.10
2(b)(iii)	Rents, rates & takes, other than all takes on income and profit	0.78	3.00	5.00
2(b)(iv)	Interest on loans advanced by the State Govt.	-	-	-
2(b)(iv-a)	Interest loan borrowed from organisation or institutions approved by the State Govt.	6.91	5.06	4.90
2(b)(iv-b)	Interest on debenture issued by the license	-	-	-
2(b)(v)	Interest paid on security deposit	38.11	40.52	43.12
2(b)(vi)	Legal charges	2.41	2.50	3.00
2(b)(vii)	Bad debts	-	-	-
2(b)(viii)	Auditors' fees	7.70	6.00	8.00
2(b)(x)	Depreciation	405.43	427.44	531.76
2(b)(xi)	Other expenses (provide details in table below)(I.Tax)	-	-	-
2(b)(xii)	Contribution to provident fund, staff pension and gratuity	193.84	400.00	400.00
2(b)(xii-a)	Expenses on apprentice and other training schemes	-	-	-
2(b)(xiii)	Electricity Duty	-	-	-
2(b)(ix)	Provision for Capacitor Banks	-	-	-
	<b>Total "Expenditure before special appropriations"</b>	<b>7815.94</b>	<b>11660.38</b>	<b>13126.50</b>
	Special appropriation to cover:			
2(c)(i)	Previous losses*	-	-	-
2(c)(ii)	All tax on income and profits	-	-	-
2(c)(iii)	Installments of written down amounts in respect of intangible asset and new capital issue expenses	-	-	-
2(c)(iv)	Contribution to contingency reserve	-	-	-
2(c)(v)	Contribution towards arrears depreciation	-	-	-
2(c)(v-a)	Contribution to Development Reserve	-	-	-
2(c)(v-b)	Debt. Redemption obligation	-	-	-
2(c)(vi)	Other special appropriation	-	-	-
	<b>Total "Special appropriation"</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Total "Expenditure" (including special appropriation)</b>	<b>7815.94</b>	<b>11660.38</b>	<b>13126.50</b>
				Some of above



**Form 1.3a: Cost of purchased power**

Name and location of interface point	Maximum capacity each inter-face point (KW/KVA)	Voltage level at each interface point (KV)	Units received at each interface point	Other measure of output that is relevant to bulk supply tariff components	Part 1 of bulk supply tariff at interface point	Part 2 of bulk supply tariff at interface point	Part of bulk supply tariff at interface point	Total cost power at interface point (Rs. in ) crores
<b>Previous year</b>								
<b>2015-16</b>								
Yellareddypet	2x8 MVA	11 KV						
Nerella	2x8 MVA	11 KV						
Ellanthakunta	2x8 MVA	11 KV						
Mallaram	5+3.15 MVA	11 KV						
Boinpally	2 x 5 MVA	11 KV						
Nimmapally	8 MVA	11 KV						
Sircilla - II	2x8 MVA	11 KV						
Namapur	2x8 MVA	11 KV						
Marrigadda	2 x 5 MVA	11 KV						
Rudravaram	8 MVA	11 KV						
Gambhiraopet	8+5 MVA	11 KV						
Vemulawada	2 x 5 MVA	11 KV						
Rudrangi	5 MVA	11 KV						
Nizamabad	5 MVA	11 KV						
SRL Water works	5 MVA	11 KV						
Veernapally	5 MVA	11 KV						
Gajasingavaram	3.15 MVA	11 KV						
Avunoor	5 MVA	11 KV						
Rallapet	3.15 MVA	11 KV						
Kothapalli	5 MVA	11 KV						
Venkatrapally	5 MVA	11 KV						
Thertumaddi	5 MVA	11 KV						
Shivanagar	2 x 5 MVA	11 KV						
P.Lingapoor	3.15 MVA	11 KV						
K.Katkoor	5 MVA	11 KV						
Vattemula	3.15 MVA	11 KV						
Textile Park	5 MVA	11 KV						
Marthanpet	5 MVA	11 KV						
Thangallapally	5 MVA	11 KV						
Lingannapet	5 MVA	11 KV						
Nampally	5 MVA	11 KV						
Bowsaipet	5 MVA	11 KV						
Bonala	5 MVA	11 KV						
Garjanpally	5 MVA	11 KV						
Pothugal	5 MVA	11 KV						
Somarpet	5 MVA	11 KV						
Chekkapally	5 MVA	11 KV						
Sanugula	5 MVA	11 KV						
Rajannapeta	5 MVA	11 KV						
Ramchandrapuram	5 MVA	11 KV						
Kondapoor	5 MVA	11 KV						
Marripally	5 MVA	11 KV						
Suddala	5 MVA	11 KV						
Malkapur	5 MVA	11 KV						
<b>Total</b>				<b>708,423,298</b>				

### Form 1.3a: Cost of purchased power

Name and location of interface point	Maximum capacity each interface point (KW/KVA)	Voltage level at each interface point (KV)	Units received at each interface point	Other measure of out put that is relevant to bulk supply tariff components	Part 1 of bulk supply tariff at interface point	Part 2 of bulk supply tariff at interface point	Part of bulk supply tariff at interface point	Total cost power at interface point (Rs. in ) crores
<b>Current Year</b>								
2016- 17								
Yellareddypet	2x8 MVA	11 KV						
Nerella	2x8 MVA	11 KV						
Ellanthakunta	2x8 MVA	11 KV						
Mallaram	5+3.15 MVA	11 KV						
Boinpally	2 x 5 MVA	11 KV						
Nimmapally	8 MVA	11 KV						
Sircilla - II	2x8 MVA	11 KV						
Namapur	2x8 MVA	11 KV						
Marrigadda	2 x 5 MVA	11 KV						
Rudravaram	8 MVA	11 KV						
Gambhiraopet	8+5 MVA	11 KV						
Vemulawada	2 x 5 MVA	11 KV						
Rudrangi	5 MVA	11 KV						
Nizamabad	5 MVA	11 KV						
SRL Water works	5 MVA	11 KV						
Veernapally	5 MVA	11 KV						
Gajasingavaram	3.15 MVA	11 KV						
Avunoor	5 MVA	11 KV						
Rallapet	3.15 MVA	11 KV						
Kothapalli	5 MVA	11 KV						
Venkatrapally	5 MVA	11 KV						
Therlumaddi	5 MVA	11 KV						
Shivanagar	2 x 5 MVA	11 KV						
P.Lingapoor	3.15 MVA	11 KV						
K.Katkoor	5 MVA	11 KV						
Vattemula	3.15 MVA	11 KV						
Textile Park	5 MVA	11 KV						
Marthanpet	5 MVA	11 KV						
Thangallapally	5 MVA	11 KV						
Lingannapet	5 MVA	11 KV						
Nampally	5 MVA	11 KV						
Bowsaipet	5 MVA	11 KV						
BonaLa	5 MVA	11 KV						
Garjanpally	5 MVA	11 KV						
Pothugal	5 MVA	11 KV						
Somarpampet	5 MVA	11 KV						
Chekkapally	5 MVA	11 KV						
Sanugula	5 MVA	11 KV						
Rajannapeta	5 MVA	11 KV						
Ramchandrapuram	5 MVA	11 KV						
Kondapoor	5 MVA	11 KV						
Marripally	5 MVA	11 KV						
Suddala	5 MVA	11 KV						
Malkapur	5 MVA	11 KV						
<b>Total</b>				<b>900,527,596</b>				

### Form 1.3a: Cost of purchased power

Name and location of interface point	Maximum capacity each interface point (KW/KVA)	Voltage level at each interface point (KV)	Units received at each interface point	Other measure of out put that is relevant to bulk supply tariff components	Part 1 of bulk supply tariff at interface point	Part 2 of bulk supply tariff at interface point	Part of bulk supply tariff at interface point	Total cost power at interface point (Rs. in ) crores
<b>Ensuing Year</b>								
<b>2017-18</b>								
Yellareddypet	2x8 MVA	11 KV						
Nerella	2x8 MVA	11 KV						
Ellanthakunta	2x8 MVA	11 KV						
Mallaram	5+3.15 MVA	11 KV						
Boinpally	2 x 5 MVA	11 KV						
Nimmapally	8 MVA	11 KV						
Sircilla - II	2x8 MVA	11 KV						
Namapur	2x8 MVA	11 KV						
Marrigadda	2 x 5 MVA	11 KV						
Rudravaram	8 MVA	11 KV						
Gambhiraopet	8+5 MVA	11 KV						
Vemulawada	2 x 5 MVA	11 KV						
Rudrangi	5 MVA	11 KV						
Nizamabad	5 MVA	11 KV						
SRL Water works	5 MVA	11 KV						
Veernapally	5 MVA	11 KV						
Gajasingavaram	3.15 MVA	11 KV						
Avunoor	5 MVA	11 KV						
Rallapet	3.15 MVA	11 KV						
Kothapalli	5 MVA	11 KV						
Venkatrapally	5 MVA	11 KV						
Therlumaddi	5 MVA	11 KV						
Shivanagar	2 x 5 MVA	11 KV						
P.Lingapoor	3.15 MVA	11 KV						
K.Katkoor	5 MVA	11 KV						
Vattemula	3.15 MVA	11 KV						
Textile Park	5 MVA	11 KV						
Marthanpet	5 MVA	11 KV						
Thangallapally	5 MVA	11 KV						
Lingannapet	5 MVA	11 KV						
Nampally	5 MVA	11 KV						
Bowsaipet	5 MVA	11 KV						
Bonala	5 MVA	11 KV						
Garjanpally	5 MVA	11 KV						
Pothugal	5 MVA	11 KV						
Somarpampet	5 MVA	11 KV						
Chekkapally	5 MVA	11 KV						
Sanugula	5 MVA	11 KV						
Rajarnapeta	5 MVA	11 KV						
Ramchandrapuram	5 MVA	11 KV						
Kondapoor	5 MVA	11 KV						
Marrupally	5 MVA	11 KV						
Suddala	5 MVA	11 KV						
Malkapur	5 MVA	11 KV						
<b>Total</b>				<b>990,580,356</b>				

Form 1.3b: Employment costs  
Category of employee

		Previous year 2016-17 Actuals Rs. In lakhs			Current year 2017-18 Estimated Rs. In lakhs			Ensuing year 2018-19 Projected Rs. In lakhs		
		Sanc- tioned	Working	Cost Rs. In lakhs	Sanc- tioned	Working	Cost Rs. In lakhs	Sanc- tioned	Working	Cost Rs. In lakhs
1	Board of directors (10+1)	11	11	2.64	11	11	2.94	11	11	2.94
2	Support staff of board of directors	-	-							
2 (a)	Technical *	-	-							
2 (b)	Administrative	-	-							
2 (c)	Account and finance	-	-							
2 (d)	Other (please specify)	-	-							
3	<b><u>Technical &amp; O&amp;M staff</u></b>									
3 (a)	Technical	-	-	-	-	-	-	-	-	-
3 (a)(i)	Officers	28	12	43.77	28	12	69.157	28	12	91.85
3 (a)(ii)	Staff	261	166	605.49	261	149	858.705	261	147	1125.20
3(b)	<b><u>Non Technical</u></b>									
3(b)(i)	Administrative	-	-	-	-	-	-	-	-	-
3(b)(i.i)	Officers	3	2	7.30	3	2	11.526	3	2	15.31
3(b)(i.ii)	Staff	3			3			3		
3(b)(ii)	Accounts and finance									
3(b)(ii.i)	Officers	25	13	47.42	25	13	74.921	25	12	91.85
3(b)(ii.ii)	Staff	111	17	62.01	111	20	115.262	111	20	153.09
3(b)(iii)	Others (please specify)									
3(b)(ii.i)	Officers	-	-	-	-	-	-	-	-	-
3(b)(ii.ii)	Staff	24	22	80.25	24	22	126.789	24	22	168.40
	<b>Total employment data (455-11)</b>	<b>466</b>	<b>232</b>	<b>848.86</b>	<b>466</b>	<b>218</b>	<b>1259.30</b>	<b>466</b>	<b>215</b>	<b>1648.64</b>

\* No specific support staff is provided to the Board of Directors. Managing Director, Divil. Elecl. Engineers and Accounts Officers are mainly assisting the Board of Directors whenever necessary

PRESENT: SRI S. CHALE AC, P.A.E.,  
COMMISSIONER REGISTRATION

No. 9819/94/N2

Dated: 29-10-95

Sub: CESS Sircilla - Staffing Pattern - Sanction  
of Additional Posts - Under Section 116-C  
Regarding.

- Read: 1. CC & RCS Lr. No. 3667/92, dt. 18-9-92.  
2. MD., CESS, Sircilla Lr. CESS/Misc. D. No. 2836/93  
dated 2-2-93.  
3. MD., CESS, Sircilla Lr. CESS/Misc. D. No. 2803/93  
dt. 5-2-93.  
4. MD., CESS, Sircilla Lr. CESS/Misc. D. No. 1917/94  
dt. 2-1-94.  
5. CC & RCS, Hyd. Lr. No. 9817/94N2, dt. 1-6-94 addressed  
to the GM, REC (PO) Hyderabad.  
6. Chief Project Manager, REC (Project Office)  
Hyderabad Lr. REC/Hyd/COPT/SPG/1127, dt. 19-9-94.  
7. DCO, Karimnagar Lr. No. 4100/94B, dt. 19-11-94.  
8. MD., CESS Lr. No. CESS/ELD No. 2711/95, dt. 25-3-95.

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#### ORDER

In the reference 1st read above, guidelines on Staff Pattern in Rural Electric Coop. Society were communicated to the Rural Electric Coop. Societies requesting them to get approval of the Cadre strength in each Cadre in the Societies.

The Managing Director, Coop. Electric Supply Society, Sircilla in the references 2nd and 3rd read above submitted proposals for approval of Staffing pattern with requirement of total strength as 532 basing on the guideline communicated in the reference 1st read above for providing Staff to maintain electrical net work and power system to serve the Consumer members of the Society.

The Chief Project Manager, Rural Electrification Corporation Ltd., (PO), Hyderabad in his letter 5th read above stated that in view of the increased work load and maintainance of electrical net work, the additional Staff numbering 190 seems to be reasonable and acceptable and suggested to advise the Society to adjust the sanctioned Posts by Promotion wherever feasible.

The District Coop. Officer, Karimnagar in his letter 6th read above stated that as per the norms prescribed by the A.P. State Electricity Board requirement of Staff of the CESS, Sircilla was worked out to 875 and proposed for sanction of additional Staff of 225 and suggested to fillup the vacancies by Promotion wherever feasible.

The proposal of the Coop. Electric Supply Society, Sircilla has been examined with reference to the remarks of the Dist. Coop. Officer, Karimnagar and Chief Project Manager, Rural Electrification Corporation (PO) Hyderabad and it is considered to sanction additional Posts in CESS Sircilla to meet the work load in maintainance of Power net work to supply power to the satisfaction of Consumer

members of the Society in view of the fact that the Cess, Sircilla has large number of Service connections crossing 1,25,000.


Under Section 116-C(1) of the A.P.C.S. Act 1964, approval is hereby accorded of the staffing pattern Cadre wise as per the Annexure to this proceedings subject to the following conditions.

i) Wherever sanctioned Posts are to be filled by Promotion, the procedure as per the Service conditions/ Special byelaws of the Society are to be followed strictly.

ii) In respect of sanctioned Posts wherever recruitment is required, the CESS, Sircilla must first get personnel from the Government Departments/A.P. State Electricity Board if surplus Staff available with them. Only when there is no surplus Staff available with them (Other Departments/ AP SEB), recruitment will take place in the society following due procedure that too after getting clearance from the Commissioner for Coop. and Registrar of Coop. Societies, A.P., Hyderabad for which CESS, Sircilla should furnish all necessary evidence in proof that there are no surplus staff available with other Departments/A.P. State Electricity Board.

iii) Rule of reservation should be strictly followed.

Sd/- S. Chitra Ramcharan,  
for Commissioner & Registrar

 30.10.95  
for Commissioner & Registrar

To  
The Managing Director,  
Coop. Electric Supply Society, Sircilla  
Karimnagar District.

Copy to:  
The District Coop. Officer, Karimnagar.  
The Chief Project Manager,  
Rural Electrification Corporation Ltd.,  
(PO) Hyderabad.  
The Divisional Coop. Officer, Karimnagar.  
The Dist. Coop. Audit Officer, Karimnagar.  
The Stock File #2 Section.

VSL\*

30/x

ANNEXURE

COOPERATIVE ELECTRIC SUPPLY SOCIETY SIVACILLA STAFF STRENGTH  
 APPROVED BY THE COMMISSIONER FOR COOPN. AND REGISTRAR OF  
 COOP. SOCIETIES UNDER SECTION 116-C OF APCS ACT 1964.

S.No. Cadre	Existing strength	Adl. Staff sanctioned	Total strength fixed
1. Managing Director	1	--	1
2. Divl. Electrical Engineer	1	--	1
<del>3. Accounts Officer</del>	<del>1</del>	<del>--</del>	<del>1</del>
4. Asst. Manager	1	--	1
5. Asst. Accounts Officer	1	4	5
6. Asst. Divisional Engineer	8	2	10
7. Computer Programmer	-	1	1
8. Adl. Assistant Engineer	11	6	17
9. Junior Accounts Officer/ Accountant	14	5	19
10. Senior Assistants	36	4	40
11. Junior Assistants	20	-	20
12. Typists	2	1	3
13. S.I./B.C.	13	-	13
14. Bill Collectors	25	10	35
15. Attenders	12	-	12
16. Watchman	7	-	7
<del>17. BILL Servicer</del>	<del>2</del>	<del>--</del>	<del>2</del>
18. Line Inspectors	30	4	34
19. Lineman Driver	6	-	6
20. Diesel Driver	1	-	1
21. Asst. Lineman/Helpers	105	50 (11 by Promotion)	155
22. Linemen	40	22	62
23. Cleaner	1	-	1
24. Draghtsman	-	1	1
25. Record Assistant	-	1	1
26. Civil Mastry	-	1	1
27. Lasker	2	-	2
28. Sweeper	3	-	3
	343	112	455

Sd/-S.Chitra Ramchandran,  
for Commissioner & Registrar

*[Signature]*  
30.10.95.  
For Commissioner & Registrar

VSL\*

THE CO-OPERATIVE ELECTRIC SUPPLY SOCIETY LIMITED, SIRCILLA

STATEMENT SHOWING THE CADRE WISE STRENGTH AS ON 31-03-2017

Sl. No.	Cadre	Existing Strength
1	Managing Director	1
2	Accounts Officer	1
3	Divisional Electrical Engineer	1
4	Assistant Divisional Engineer	3
5	Assistant Accounts Officers	5
6	Additional Assistant Engineers	4
7	Junior Accounts Officers	8
8	Fore Men	-
9	Line Inspectors	10
10	Upper Divisional Clerks	6
11	Lower Divisional Clerks	15
12	Line Men	2
13	Assistant Line Men/Helpers	139
14	Line Men Driver	5
15	Asst.Helpers/Helpers	4
16	Record Assistant	1
17	Bill Servers	2
18	Attenders	12
19	Watch Men	7
20	Gardeners	1
21	Lasker	2
22	Sweepers	3
	<b>TOTAL</b>	<b>232</b>



THE CO-OPERATIVE ELECTRIC SUPPLY SOCIETY LIMITED, SIRCILLA

STATEMENT SHOWING THE CADRE WISE STRENGTH AS ON 31-03-2018

Sl. No.	Cadre	Existing Strength
1	Managing Director	1
2	Accounts Officer	1
3	Divisional Electrical Engineer	1
4	Assistant Divisional Engineer	-
5	Assistant Accounts Officers	5
6	Additional Assistant Engineers	4
7	Junior Accounts Officers	7
8	Fore Men	-
9	Line Inspectors	11
10	Upper Divisional Clerks	8
11	Lower Divisional Clerks	14
12	Line Men	50
13	Assistant Line Men	72
14	Line Men Driver	5
15	Helpers	13
16	Record Assistant	1
17	Bill Servers	2
18	Attenders	11
19	Watch Men	7
20	Gardeners	-
21	Lasker	2
22	Sweepers	3
	<b>TOTAL</b>	<b>218</b>

THE CO-OPERATIVE ELECTRIC SUPPLY SOCIETY LIMITED, SIRCILLA

STATEMENT SHOWING THE CADRE WISE STRENGTH AS ON 31-03-2019

Sl. No.	Cadre	Existing Strength
1	Managing Director	1
2	Accounts Officer	1
3	Divisional Electrical Engineer	1
4	Assistant Divisional Engineer	-
5	Assistant Accounts Officers	5
6	Additional Assistant Engineers	4
7	Junior Accounts Officers	7
8	Fore Men	-
9	Line Inspectors	11
10	Upper Divisional Clerks	8
11	Lower Divisional Clerks	14
12	Line Men	49
13	Assistant Line Men	70
14	Line Men Driver	5
15	Asst.Helpers/Helpers	13
16	Record Assistant	1
17	Bill Servers	2
18	Attenders	11
19	Watch Men	7
20	Gardeners	0
21	Lasker	2
22	Sweepers	3
	<b>TOTAL</b>	<b>215</b>

Revenue Requirement Form 1.4: Non tariff income

(Rs.in lakhs)

Ref.	Date Required	2016 - 2017 Previous year Audited Rs. In Lakhs	2017 - 2018 Current year Estimated Rs. In Lakhs	2018 - 2019 Ensuing year Projected Rs. In Lakhs
	Non-tariff income derived from:			
2(a)(ii)	Rental of meters and other apparatus hired to MMC and F.R. and Int on ED	0.48	0.55	0.60
2(a)(iii)	Sale of Scrap & repair of lamps and apparatus		-	-
2(a)(iv)	Rents and Reconnection Fee and Other Op.Revenue	245.25	120.00	150.00
2(a)(v)	Transfer fees	-		
2(a)(vi)	Intrest on Investments, fixed and call deposits and bank balances & Staff Loans	377.63	175.00	175.00
(a)(vii)	Other general receipts accountable for income tax and arising from and ancillary or incidental to business or electricity supply Revenue from surcharges for late payment	789.28	300.00	350.60
	<b>Total of "Non-tariff Income"</b>	<b>1412.64</b>	<b>595.55</b>	<b>676.20</b>

**MISCELLANEOUS REVENUE FOR THE YEAR 2016-17**

Sl. No.	Month	Surcharge	MMC	Fixture Rent	Int on Elec.Duty	Total
1	Apr-16	2325255.9			4352.52	2,329,608.42
2	May-16	2210858.78			4178.23	2,215,037.01
3	Jun-16	7031797.6			4103.58	7,035,901.18
4	Jul-16	6748348.69			3855.82	6,752,204.51
5	Aug-16	6975605.38			3661.92	6,979,267.30
6	Sep-16	7259761.48			3700.69	7,263,462.17
7	Oct-16	7229253.69			4297.26	7,233,550.95
8	Nov-16	7448018.94			4470.88	7,452,489.82
9	Dec-16	7924031.72			4388.03	7,928,419.75
10	Jan-17	7495750.25			3712.65	7,499,462.90
11	Feb-17	8111212.66			3792.94	8,115,005.60
12	Mar-17	8168613.39			3656.84	8,172,270.23
	<b>Total</b>	<b>78,928,508.48</b>	-	-	<b>48,171.36</b>	<b>78,976,679.84</b>

**MISCELLANEOUS REVENUE FOR THE YEAR 2017-18**

Sl. No.	Month	Surcharge	MMC	Fixture Rent	Int on Elec.Duty	Total
1	Apr-17					-
2	May-17					-
3	Jun-17					-
4	Jul-17					-
5	Aug-17	30,000,000.00			50,000.00	
6	Sep-17					-
7	Oct-17					-
8	Nov-17					-
9	Dec-17					-
10	Jan-18					-
11	Feb-18					-
12	Mar-18					-
	<b>Total</b>	<b>30,000,000.00</b>	-	-	<b>50,000.00</b>	-

**MISCELLANEOUS REVENUE FOR THE YEAR 2018-19**

Sl. No.	Month	Surcharge	MMC	Fixture Rent	Int on Elec.Duty	Total
1	Apr-16					
2	May-16					
3	Jun-16					
4	Jul-16					
5	Aug-16	35,000,000.00			60,000.00	
6	Sep-16					
7	Oct-16					
8	Nov-16					
9	Dec-16					
10	Jan-17					
11	Feb-17					
12	Mar-17					
	<b>Total</b>	<b>35,000,000.00</b>			<b>60,000.00</b>	<b>35,060,000.00</b>

## Revenue Requirement form 1.5: Rebates owed from previous year

Ref.	Data required		2016 - 2017 previous year audited Rs. In lakhs
2 (a)(i)	Income		
	Tariff income		9948.56
	Non-tariff income	From form 1.4	1412.64
			<b>11361.20</b>
	Minus total expenditure (including special appropriation clear profit for audited year	from form 1.3 total income minus total expenditure (including special appropriation)	7815.94
			3545.26
	Reasonable Return for audited year	from Form 1.22	295.961
Excess of clear profit over reasonable return (if any) for	Clear profit minus reasonable return (if positive)	3841.22	
Amount of clear profit allowed (disallowed) by the commission	Amount to be determined by the commission on the basis of performance standard achievement by the licensee (+) Allowed:(-) disallowed.		
Excess of clear profit (if any) over allowed (Disallowed)	Excess of clear profit minus allowed (Disallowed) profit		
II. (1)	Amount to be added to the rebate account (if any)	Calculated from the above according to para II of the six the schedule	

## Revenue requirement form 1.6: Aggregate Revenue requirement

	Data required		2018-2019 Ensuing Year Projected Rs. In lakhs
	Reasonable return	From form 1.2	341.23
	Total expenditure	From form 1.3	13126.50
			<b>13467.73</b>
	Minus Non-tariff income	From form 1.4	676.20
	<b>Total aggregate revenue requirement</b>		<b>12791.53</b>

1x2: Form 2.1

EXPECTED REVENUE AT CURRENT TARIFF CHARGES REVENUE FOR A FULL YEAR OF OPERATION FROM SALES AT CURRENT TARIFFS  
(INCLUDING SUBSIDY RECEIPTS FROM EXTERNAL SOURCES AND EXCLUDING ELECTRICITY DUTY)

Category	No. of consumers	Components of tariff			Relevant sales related data for metered consumption units			Full year revenue excluding external subsidy Rs. In lakhs					External subsidy	Full revenue including subsidy
		Part 1 (specify part name and unit)	Part 2 (specify part name and unit)	Part 3 (specify part name and unit)	Part 1 (specify)	Part 2 (specify)	Part 3 (specify)	Revenue from part 1 of tariff	Revenue from part 2 of tariff	Revenue from part 3 of tariff	Revenue from fuel surcharge	Total		
LT	2016-2017	2018-2019	2018-2019	2016-2017	2017-2018	2018-2019	2016-2017	2017-2018	2018-2019	2018-2019	2018-2019	2018-2019		
Category-I Domestic	155582	160036	164536	1052.23	1083.42	1127.75	3254.64	3499.45	3642.63					
Category-II Non domestic & Comml.	8427	8827	9227	168.71	172.93	178.60	1636.33	1596.14	1648.48					
Cat-III: Industrial - optional	2264	2285	2325	198.37	187.39	196.75	1526.84	1236.77	1298.55					
Cat - IV Cottage industries & Dhobighats	6051	6101	6151	337.23	362.06	372.90	1417.40	1535.13	1581.10					
Cat-V: Agricultural	66432	69500	72500	4164.96	5915.50	6468.90	236.57	250.20	255.60					
Cat-VI A: Local bodies st. lights	645	670	695	62.30	61.36	63.20	389.86	400.68	412.70					
Cat-VI B: PWS	1356	1356	1375	264.26	283.53	292.00	1361.27	1601.94	1649.80					
Cat-VII: General purpose	986	986	990	16.60	16.52	17.00	125.65	112.01	115.26					
Cat-VIII: Temporary supply														
HT														
Cat-I: Industry - General														
Cat-II: Industry - Other														
Cat-III: Irrigation and agriculture														
Cat-IV: Railway Traction														
Cat-VI: Townships and residential colonies														
Other sales (not included above)														
<b>Total</b>	<b>241743</b>	<b>249761</b>	<b>257799</b>	<b>6264.66</b>	<b>8082.71</b>	<b>8717.10</b>	<b>9948.56</b>	<b>10232.33</b>	<b>10604.11</b>					

Appendix 3 form 3.1:

**ENERGY DELIVERED INTO 33KV DISTRIBUTION SYSTEM  
AT THE INTERCONNECTION POINTS OF THE HT SYSTEM**

Sl. No.	Name of the area	Name of the SS	Feeder	Initial meter reading on the incoming side	Final meter reading on incoming side	Advance	Multi-plying factor	Amount delivered
<b>NIL</b>								
Grand total (A)								

**ENERGY DELIVERED INTO 11KV DISTRIBUTION SYSTEM  
AT THE INTERCONNECTION POINTS OF THE HT SYSTEM**

Sl. No.	Name of the area	Name of the SS	Feeder	Initial meter reading on the incoming side	Final meter reading on incoming side	Advance	Multi-plying factor	Amount delivered
<b>NIL</b>								
Grand total (C)								

**ENERGY DELIVERED INTO 33/11KV SSs IN TO  
11KV SYSTEM (INCLUDING LT SYSTEM)**

Sl. No.	Name of the area	Name of the SS	Feeder	Initial meter reading on the incoming side	Final meter reading on incoming side	Advance	Multi-plying factor	Amount delivered
<b>NIL</b>								
Grand total (B)								

T Direct sales at 11 KV

Sl. No.	Name of consumer/consumer category	Total units sold
<b>NIL</b>		
Total HT sales at 11KV for the RESCO(D)		
<b>NIL</b>		





## Appendix 3 Form 3.2:

### CALCULATION SYSTEM LOSSES AT 33KV AND BELOW

Losses in 33 KV system and connected equipment	2016 - 2017	2017-2018	2018-2019
i) Total energy delivered into 33KV distribution system from EHT SSs other Generating stations	A	A	A
ii) Energy delivered into 11KV and LT system from 33/11KV SSs	B A-B	B A-B	B A-B
	$100 \times (A-B)/A$	$100 \times (A-B)/A$	$100 \times (A-B)/A$
<b>Losses in 11KV and LT system and connected equipment</b>			
i) Energy delivered into 11KV and LT distribution system from 33/11KV SSs	B <b>70.84</b>	B <b>90.05</b>	B <b>99.05</b>
ii) Energy delivered into 11KV distribution system and HT SSs and other generating stations (C)	--	--	--
iii) Energy sold, HT direct sales at 11KV (D)	--	--	--
iv) Energy sold in the LT system (E)	62.65	80.83	87.17
<b>Total sales (D+E)</b>	<b>62.65</b>	<b>80.83</b>	<b>87.17</b>
<b>Losses</b>	$(B+C)-(D+E)$ 8.19	$(B+C)-(D+E)$ 9.22	$(B+C)-(D+E)$ 11.88
<b>% Losses</b>	$[(B+C)-(D+E)] \times 100 / (B+C)$ 11.57	$[(B+C)-(D+E)] \times 100 / (B+C)$ 10.24	$[(B+C)-(D+E)] \times 100 / (B+C)$ 11.99

**STATEMENT OF DIFFERENCE FOR 2018-2019**

Sl. No.	Particulars	Amount
1	Aggregate revenue requirement	12791.53
	<b><u>Less:</u></b>	
2	Expected revenue from charges	10604.11
3	Gap	-2187.42