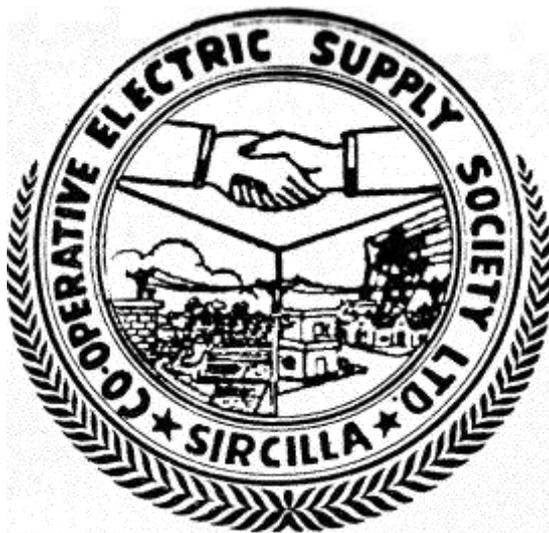


**THE CO.OPERATIVE ELECTRIC SUPPLY
SOCIETY LTD SIRCILLA
(CESS)**



**EXPECTED REVENUE FROM CHARGES
AGGREGATE REVENUE REQUIREMENT
FOR FY 2022 – 2023**

Email: cess.aao.exp@gmail.com



CO-OPERATIVE ELECTRIC SUPPLY SOCIETY LIMITED,

Regd. No.748/TD

A Project Financed by REC Ltd.,
New Delhi, (A Govt. of India concerned)

SIRCILLA – 505 301

Dist: Rajanna Sircilla
Telangana State

Lr.No.CESS/MD/AO/AAO-Exp/D.No.376/2021,

Date:29-11-2021

From:
Managing Director,
CESS Limited,
SIRCILLA.
Dist: Rajanna Sircilla

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

Sir,

Sub: - CESS.Ltd. Sircilla – Filing of A.R.R. for the FY 2022-23 – Submission
– Regarding.

Please find herewith the Aggregate Revenue Requirement for the FY
2022-23 of Cooperative Electric Supply Society Ltd., Sircilla.

Encls: 6 copies

Yours faithfully,


Managing Director,
CESS. Ltd. Sircilla.



తెలంగాణ తెలంగాణ TELANGANA

3366 26/11/2021 8000

MD (ESS) Ltd Sircilla

R

MD (ESS) Ltd Sircilla

Copy N 523830
KUDAY KUNTA
Licence No. 1000/2017
R.No. 2017/1000
Cross Road, Sircilla, Dist: Rajanna Sircilla-505301
Dist: Rajanna Sircilla-505301

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

O.P.No. 60/2021
FILING NO.
CASE NO.

In the matter of: Filing of expected Revenue from charges ("The Aggregate Revenue Requirement" "ARR") for the financial year 2022-23 by the Co-operative Electric Supply Society Limited, Sircilla, District Karimnagar which is exempted form 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, S.Ramakrishna S/o Laxman Rao 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"

Rajesham
ADVOCATE & NOTARY
Kudiyala Rajesham, B.Sc.,LL.B.
Appointed by the Govt. of T.S.INDIA
H.No: 8-3-56, Gandhinagar
SIRSILLA-505301, Dist:Rajanna Sircilla-T.S.

"Solemnly affirm"

DEPONENT

Entered at S No. 3366 / Page No 29

Dist: Rajanna Sircilla Dt 29-11-2021

APPENDIX - I**REVENUE REQUIREMENT FORM 1.1: CAPITAL BASE**

(Rs.Lakhs)

1 Data required	2020-21 Previous year audited	2021-22 Current year unaudited	2022-23 Ensuing year projected
a) Original cost of fixed asset (excluding consumers contributions)	12869.96	16152.96	18672.96
b) Cost of intangible assets	-	-	-
c) The original cost of work in progress	5103.99	3340.99	2340.99
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)	24.93	30.11	33.36
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)	267.49	313.21	395.36
NA capitalized Loss allowed by the commission*			
Sub total of positive elements of capital sum of above			
Sum of above	18266.37	19837.27	21442.67
LESS:			
i) The amounts written off or set aside on account of depreciation of fixed assets	8550.78	9459.69	10591.81
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	2936.75	3000.00	3000.00
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 Deposits	911.89	955.48	1004.23
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	-	-	-
Sub total of negative elements of Capital Base	12399.42	13415.17	14596.04
Sub of above			
Net capital Base net figure (first sub-total above minus the second)	5866.95	6422.10	6846.64

THE CO-OPERATIVE ELECTRIC SUPPLY SOCIETY LIMITED SIRCILLA

AVERAGE COST OF STORES STOCK FOR FY 2020-21

MONTH	CLOSING BALANCE RS.
Apr-20	58,040,200.69
May-20	45,790,983.40
Jun-20	57,889,336.40
Jul-20	67,920,611.85
Aug-20	65,241,615.36
Sep-20	57,438,141.93
Oct-20	54,376,366.83
Nov-20	53,996,103.37
Dec-20	47,537,017.10
Jan-21	58,179,696.66
Feb-21	61,117,098.92
Mar-21	58,427,510.99
TOTAL RS.	685,954,683.50
Avg.Stock= Total/12	57,162,890.29

2020-21 Actuals

1/12 R&M Expenditure = $299.21/12=24.93$ Lakhs **24.93**

2021-22 Estimations

1/12 R&M Expenditure = $361.36/12= 30.11$ Lakhs **30.11**

2022-23 Projections

1/12 R&M Expenditure = $400.36/12=33.36$ Lakhs **33.36**

THE CO-OPERATIVE ELECTRIC SUPPLY SOCIETY LIMITED SIRCILLA

AVERAGE CASH BALANCES FOR THE ARR-2022-23

Actuals 2020-21

2020-21 Amount In Rs. Lakhs

Salaries 2408.06

Adm.&Gen Exp 253.25

 R& M Exp incl
 Spot Bil& coll 299.22

Emp Funds 119.60

 Rents& Taxes

Legal Exp.and Int
 Audit Exp 129.72

Total Rs. 3209.85

AVG Balance Rs. 267.49 Lakhs

267.49

Estimations for FY 2021-22

2021-22 Amount In Rs. Lakhs

Salaries 2372.36

Adm.&Gen Exp 213.30

 R& M Exp incl
 Spot Bil& coll 361.36

Emp Funds 300.00

 Rents& Taxes

Legal Exp.and Int 357.90
 Electricity duty 153.62

Total Rs. 3758.54

AVG Balance Rs. 313.21 Lakhs

313.21

Projectins for 2022-23

2022-23 Amount In Rs. Lakhs

Salaries 3250.99

Adm.&Gen Exp 233.45

 R& M Exp incl
 Spot Bil& coll 400.36

Emp Funds 350.00

 Rents& Taxes

Legal Exp.and Int 348.26
 Electricity duty 161.30

Total Rs. 4744.36

AVG Balance Rs. 395.36 Lakhs

395.36

Form 1.1a: Fixed Assets

(Rs.in Lakhs)

Particulars of assets	Balance at the beginning of the year 2020 - 2021	Additions during the year 2020 - 2021	Retirement of assets during the audited year	Balance at the end of the year 2020 - 2021
Previous Year				
Land and rights	0.581	-	-	0.581
Building and structures	47.239	10.000	-	57.239
Sub station transformers, Transformer kiosk, other fixed apparatus of rating 100 KVA and above	3910.270	716.050	50.510	4575.810
Sub station transformers, Transformer kiosk, other fixed apparatus of rating 100 KVA and below	2452.429	234.960	96.230	2591.159
HVDS Distribution Transformers	1326.461			1326.461
Switch gear	646.933	70.440		717.373
Towers, poles fixtures, over head conductors and devises	10438.671	990.320	46.260	11382.731
Underground cables and devices	-			-
Service lines & lighting arrestors	38.204			38.204
Metering equipment	535.736		11.630	524.106
Public Lighting	14.577			14.577
Miscellaneous equipment	171.233	10.550		181.783
Total	19582.334	2032.320	204.630	21410.024

Form 1.1a: Fixed Assets

(Rs.in Lakhs)

Particulars of assets	Balance at the beginning of the year 2021 - 2022	Additions during the year 2021 - 2022	Retirement of assets during the year 2021 - 2022	Balance at the end of the year 2021 - 2022
Current Year				
Land and rights	0.581	-	-	0.581
Building and structures	57.239	-	-	57.239
Sub station transformers, Transformer kiosk, other fixed apparatus of rating 100 KVA and above	4575.810	500.000	-	5075.810
Sub station transformers, Transformer kiosk, other fixed apparatus of rating 100 KVA and below	2591.159	300.000	-	2891.159
HVDS Distribution Transformers	1326.461	1000.000	-	2326.461
Switch gear	717.373	-	-	717.373
Towers, poles fixtures, over head conductors and devises	11382.731	1463.000	-	12845.731
Underground cables and devices	-	-	-	-
Service lines & lighting arrestors	38.204	-	-	38.204
Metering equipment	524.106	500.000	-	1024.106
Public Lighting	14.577	-	-	14.577
Miscellaneous equipment	181.783	-	-	181.783
Total	21410.024	3763.000	-	25173.024

Form 1.1a: Fixed Assets

(Rs.in Lakhs)

Particulars of assets	Balance at the beginning of the year 2022 - 2023	Additions during the year 2022 - 2023	Retirement of assets during the year 2022 - 2023	Balance at the end of the year 2022 - 2023
<u>Ensuing year</u>				
Land and rights	0.581	-	-	0.581
Building and structures	57.239	-	-	57.239
Sub station transformers, Transformer kiosk, other fixed apparatus of rating 100 KVA and above	5075.810	500.000	-	5575.810
Sub station transformers, Transformer kiosk, other fixed apparatus of rating 100 KVA and below	2891.159	300.000	-	3191.159
HVDS Distribution Transformers	2326.461	1000.000	-	3326.461
Switch gear	717.373	-	-	717.373
Towers, poles fixtures, over head conductors and devises	12845.731	1200.000	-	14045.731
Underground cables and devices	-	-	-	-
Service lines & lighting arrestors	38.204	-	-	38.204
Metering equipment	1024.106	-	-	1024.106
Public Lighting	14.577	-	-	14.577
Miscellaneous equipment	181.783	-	-	181.783
Total	25173.024	3000.000	-	28173.024

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			
<u>Previous Year</u> 2020-21	7710.37	-	-	840.41	-	840.41	-	-	8550.78
<u>Current Year</u> 2021 -22	8550.78	-	-	908.91	-	908.91	-	-	9459.69
<u>Ensuing Year</u> 2022 - 2023	9459.69	-	-	1132.12	-	1132.12	-	-	10591.81

Form 1.1c: Written Down cost of fixed Assets

Rs. Crores

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 capitalised	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
<u>Previous Year</u> 2020-21	118.71		2.04	20.32		8.40	128.59
<u>Current Year</u> 2021-22	128.59	-	-	30.00	-	9.08	149.51
<u>Ensuing Year</u> 2022-23	149.51	-	-	30.00	-	11.32	168.19

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. during the end of previous year	Exp. during the year	Exp. upto the end of current year	Exp. capitalised	Source of capital current
		Original estimate	Revised estimate		Original completion date	Revised completion date						
		Previous Year										
2020-21	Rural Electrification & intensification	18.17	29.03	-	-	31.3.98	Does not arise	195.82	32.09	227.91	20.32	REC loan members contribution etc.
Current Year												
2021-22	Rural Electrification & intensification	18.17	29.03	-	-	31.3.98	Does not arise	214.10	20.00	234.10	37.63	REC loan members contribution etc.
Ensuing Year												
2022-23	Rural Electrification & intensification	18.17	29.03	-	-	31.3.98	Does not arise	251.73	20.00	271.73	30.00	REC loan members contribution etc.

Form 1.1e: Work in progress

(Rs. In Lakhs)

Description	2020 - 2021 Previous year audited (Rs. In Lakhs)	2021 - 2022 Current year estimated (Rs. In Lakhs)	2022-23 Ensuring year Projected (Rs. In Lakhs)
Opening balance	3927.11	5103.99	3340.99
Add: New investment			
Capital expenditure	3209.2	2000.00	2000.00
Intrest during construction			
Less: Investment capitalised*	2032.32	3763.00	3000.00
Closing balance	5103.99	3340.99	2340.99

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
NIL							

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
NIL							

Revenue Requirement Form 1.2: Reasonable Return

(Rs.In Lakhs)

Ref.	Date Required	2020 - 2021 Previous year Audited Rs. In Lakhs	2021 - 2022 Current year Estimated Rs. In Lakhs	2022 - 2023 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%)	704.034	770.652	821.597
9 (a)	Reasonable return on the capital base thereafter (2%)	14.081	15.413	16.432
9 (b)	Income from investments, other than those investment compulsorily made under para-IV of the sixth schedule	-	-	-
	Total	718.115	786.065	838.028
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	14.684	15.000	15.000
9 (c-2)	The amount of any debenture issued by the licensee multiplied by one-half of one per centum	-	-	-
	Total	14.684	15.000	15.000
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	Reasonable return	732.798	801.065	853.028
11	Reasonable return Rs In Crores	7.328	8.011	8.530

Revenue Requirement Form 1.3: Expenditure

		(Rs. In Crores)		
		2020 - 2021	2021 - 2022	2022 - 2023
		Previous year	Current year	Ensuing year
		Audited	Estimated	Projected
		Rs. In crores	Rs. In Croes	Rs. In Crores
	Expenditure properly incurred in:			
2(b)(i)	Purchase of energy (provide details in form 1.3a)	424.68	452.10	84.98
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	24.08	23.72	32.51
	2. Administrative and general expenses relating to the distribution and sale of energy	2.53	2.13	2.34
	3. Non-labour repair and maintenance expenses relating to the distribution and sale of energy	2.990	3.61	4.00
2(b)(iii)	Rents, rates & takes, other than all takes on income and profit	0.153	0.132	0.132
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.	0.615	2.820	2.680
2(b)(iv-b)	Interest on debenture issued by the license	-	-	-
2(b)(v)	Interest paid on security deposit	0.523	0.564	0.591
2(b)(vi)	Legal charges	0.005	0.03	0.03
2(b)(vii)	Bad debts	-	-	-
2(b)(viii)	Auditors' fees	-	0.06	0.08
2(b)(x)	Depreciation	8.404	9.089	11.321
2(b)(xi)	Other expenses (provide details in table below)(I.Tax)	-	-	-
2(b)(xii)	Contribution to staff pension, gratuity and leave encashment	1.196	3.00	3.50
2(b)(xii-a)	Expenses on apprentice and other training schemes	-	-	-
2(b)(xiii)	Electricity Duty	-	1.53	1.61
2(b)(ix)	Provision for Capacitor Banks	-	-	-
	Total "Expenditure before special appropriations"	465.18	498.79	143.77
	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	-	-	-
	Total "Special appropriation"	-	-	-
	Total "Expenditure" (including special appropriation)	465.18	498.79	143.77
				Some of above

Form 1.3a: Cost of purchased power

Sl.No.	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 output that is relevant to bulk supply tariff components	Part 1 of bulk supply interface point	Part 2 of bulk supply interface point	Part of bulk supply interface point	Total cost power at interface point (Rs. in) crores	
	Previous year									
	2020-21									
	1	Yellareddypet	2x8 MVA	11 KV						
	2	Nerella	2x8 MVA	11 KV						
	3	Ellanthakunta	2x8 MVA	11 KV						
4	Mallaram	5+3.15 MVA	11 KV							
5	Boinpally	2 x 5 MVA	11 KV							
6	Nimmapally	8 MVA	11 KV							
7	Sircilla - II	2x8 MVA	11 KV							
8	Namapur	2x8 MVA	11 KV							
9	Marrigadda	2 x 5 MVA	11 KV							
10	Gambhiraopet	8+5 MVA	11 KV							
11	Vemulawada	2 x 5 MVA	11 KV							
12	Rudrangi	5 MVA	11 KV							
13	Nizamabad	5 MVA	11 KV							
14	SRL Water works	5 MVA	11 KV							
15	Veernapally	5 MVA	11 KV							
16	Gajasingavaram	3.15 MVA	11 KV							
17	Avunoor	5 MVA	11 KV							
18	Rallapet	3.15 MVA	11 KV							
19	Kothapalli	5 MVA	11 KV							
20	Venkatrapally	5 MVA	11 KV							
21	Therlumaddi	5 MVA	11 KV							
22	Shivanagar	2 x 5 MVA	11 KV							
23	P.Lingapoor	3.15 MVA	11 KV							
24	K.Katkoor	5 MVA	11 KV							
25	Vattemula	3.15 MVA	11 KV							
26	Textile Park	5 MVA	11 KV							
27	Marthanpet	5 MVA	11 KV							
28	Thangallapally	5 MVA	11 KV							
29	Lingannapet	5 MVA	11 KV							
30	Nampally	5 MVA	11 KV							
31	Bowsaipet	5 MVA	11 KV							
32	Bonala	5 MVA	11 KV							
33	Garjanpally	5 MVA	11 KV							
34	Pothugal	5 MVA	11 KV							
35	Somarampet	5 MVA	11 KV							

Form 1.3a: Cost of purchased power

Sl.No.	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 interface point	Part 2 of bulk supply interface point	Part of bulk supply interface point	Total cost power at interface point (Rs. in) crores	
	Previous year									
	2020-21									
	36	Chekkapally	5 MVA	11 KV						
	37	Sanugula	5 MVA	11 KV						
	38	Rajannapeta	5 MVA	11 KV						
39	Ramchandrapuram	5 MVA	11 KV							
40	Kondapoor	5 MVA	11 KV							
41	Marripally	5 MVA	11 KV							
42	Suddala	5 MVA	11 KV							
43	Malkapur	5 MVA	11 KV							
44	Moinikunta	5 MVA	11 KV							
45	Venkatapur	5 MVA	11 KV							
46	Laxmipur	5 MVA	11 KV							
47	Venkatraopet	5 MVA	11 KV							
48	Korutlapet	5 MVA	11 KV							
49	Nagampet	5 MVA	11 KV							
50	Jillella	5 MVA	11 KV							
51	Kasbekatoor	5 MVA	11 KV							
52	Mallial	5 MVA	11 KV							
53	Vilasagar	5 MVA	11 KV							
54	Ananthagiri	5 MVA	11 KV							
55	J.P.Nagar, Sircilla	5 MVA	11 KV							
56	Thimmapoor	5 MVA	11 KV							
57	Korem	5 MVA	11 KV							
58	Stambampally	5 MVA	11 KV							
59	Narayanapoor	5 MVA	11 KV							
60	Akkapally	5 MVA	11 KV							
61	Narmala	5 MVA	11 KV							
62	Vemulawada Town	5 MVA	11 KV							
63	Mustabad	5 MVA	11 KV							
64	Thimmapoor CHD	5 MVA	11 KV							
65	Chippalapally	5 MVA	11 KV							
66	Raheemkhanpet	5 MVA	11 KV							
67	Ankireddypally	5 MVA	11 KV							
68	Konaraopet	5 MVA	11 KV							
69	Cheerlavancha	5 MVA	11 KV							
	Total			939577479						

Form 1.3a: Cost of purchased power

Sl.No.	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 output that is relevant to bulk supply tariff components	Part 1 of bulk supply tariff point	Part 2 of bulk supply tariff point	Part of bulk supply tariff point	Total cost power at interface point (Rs. in) crores	
	Previous year									
	2021-22									
	1	Yellareddypet	2x8 MVA	11 KV						
	2	Nerella	2x8 MVA	11 KV						
	3	Ellanthakunta	2x8 MVA	11 KV						
	4	Mallaram	5+3.15 MVA	11 KV						
5	Boinpally	2 x 5 MVA	11 KV							
6	Nimmapally	8 MVA	11 KV							
7	Sircilla - II	2x8 MVA	11 KV							
8	Namapur	2x8 MVA	11 KV							
9	Marrigadda	2 x 5 MVA	11 KV							
10	Gambhiraopet	8+5 MVA	11 KV							
11	Vemulawada	2 x 5 MVA	11 KV							
12	Rudrangi	5 MVA	11 KV							
13	Nizamabad	5 MVA	11 KV							
14	SRL Water works	5 MVA	11 KV							
15	Veernapally	5 MVA	11 KV							
16	Gajasingavaram	3.15 MVA	11 KV							
17	Avunoor	5 MVA	11 KV							
18	Rallapet	3.15 MVA	11 KV							
19	Kothapalli	5 MVA	11 KV							
20	Venkatraopally	5 MVA	11 KV							
21	Therlumaddi	5 MVA	11 KV							
22	Shivanagar	2 x 5 MVA	11 KV							
23	P.Lingapoor	3.15 MVA	11 KV							
24	K.Katkoor	5 MVA	11 KV							
25	Vattemula	3.15 MVA	11 KV							
26	Textile Park	5 MVA	11 KV							
27	Marthanpet	5 MVA	11 KV							
28	Thangallapally	5 MVA	11 KV							
29	Lingannapet	5 MVA	11 KV							
30	Nampally	5 MVA	11 KV							
31	Bowsaipet	5 MVA	11 KV							
32	Bonala	5 MVA	11 KV							
33	Garjanpally	5 MVA	11 KV							
34	Pothugal	5 MVA	11 KV							
35	Somarampet	5 MVA	11 KV							

Form 1.3a: Cost of purchased power

Sl.No.	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 output that is relevant to bulk supply tariff components	Part 1 of bulk supply interface point	Part 2 of bulk supply interface point	Part of bulk supply interface point	Total cost power at interface point (Rs. in) crores	
	Previous year									
	2021-22									
	36	Chekkapally	5 MVA	11 KV						
	37	Sanugula	5 MVA	11 KV						
	38	Rajannapeta	5 MVA	11 KV						
39	Ramchandrapuram	5 MVA	11 KV							
40	Kondapoor	5 MVA	11 KV							
41	Marripally	5 MVA	11 KV							
42	Suddala	5 MVA	11 KV							
43	Malkapur	5 MVA	11 KV							
44	Moinikunta	5 MVA	11 KV							
45	Venkatapur	5 MVA	11 KV							
46	Laxmipur	5 MVA	11 KV							
47	Venkatraopet	5 MVA	11 KV							
48	Korutlapet	5 MVA	11 KV							
49	Nagampet	5 MVA	11 KV							
50	Jillella	5 MVA	11 KV							
51	Kasbekatoor	5 MVA	11 KV							
52	Mallial	5 MVA	11 KV							
53	Vilasagar	5 MVA	11 KV							
54	Ananthagiri	5 MVA	11 KV							
55	J.P.Nagar, Sircilla	5 MVA	11 KV							
56	Thimmapoor	5 MVA	11 KV							
57	Korem	5 MVA	11 KV							
58	Stambampally	5 MVA	11 KV							
59	Narayanapoor	5 MVA	11 KV							
60	Akkapally	5 MVA	11 KV							
61	Narmala	5 MVA	11 KV							
62	Vemulawada Town	5 MVA	11 KV							
63	Mustabad	5 MVA	11 KV							
64	Thimmapoor CHD	5 MVA	11 KV							
65	Chippalapally	5 MVA	11 KV							
66	Raheemkhanpet	5 MVA	11 KV							
67	Ankireddypally	5 MVA	11 KV							
68	Konaraopet	5 MVA	11 KV							
69	Cheerlavancha	5 MVA	11 KV							
70	Kancharla	5 MVA	11 KV							
71	Mandepally	5 MVA	11 KV							
	Total			1000231158						

Form 1.3a: Cost of purchased power

Sl.No.	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 output that is relevant to bulk supply tariff components	Part 1 of bulk supply interface point	Part 2 of bulk supply interface point	Part of bulk supply interface point	Total cost power at interface point (Rs. in) crores	
	Previous year									
	2022-23									
	1	Yellareddypet	2x8 MVA	11 KV						
	2	Nerella	2x8 MVA	11 KV						
	3	Ellanthakunta	2x8 MVA	11 KV						
4	Mallaram	5+3.15 MVA	11 KV							
5	Boinpally	2 x 5 MVA	11 KV							
6	Nimmapally	8 MVA	11 KV							
7	Sircilla - II	2x8 MVA	11 KV							
8	Namapur	2x8 MVA	11 KV							
9	Marrigadda	2 x 5 MVA	11 KV							
10	Gambhiraopet	8+5 MVA	11 KV							
11	Vemulawada	2 x 5 MVA	11 KV							
12	Rudrangi	5 MVA	11 KV							
13	Nizamabad	5 MVA	11 KV							
14	SRL Water works	5 MVA	11 KV							
15	Veernapally	5 MVA	11 KV							
16	Gajasingavaram	3.15 MVA	11 KV							
17	Avunoor	5 MVA	11 KV							
18	Rallapet	3.15 MVA	11 KV							
19	Kothapalli	5 MVA	11 KV							
20	Venkatraopally	5 MVA	11 KV							
21	Therlumaddi	5 MVA	11 KV							
22	Shivanagar	2 x 5 MVA	11 KV							
23	P.Lingapoor	3.15 MVA	11 KV							
24	K.Katkoor	5 MVA	11 KV							
25	Vattemula	3.15 MVA	11 KV							
26	Textile Park	5 MVA	11 KV							
27	Marthanpet	5 MVA	11 KV							
28	Thangallapally	5 MVA	11 KV							
29	Lingannapet	5 MVA	11 KV							
30	Nampally	5 MVA	11 KV							
31	Bowsaipet	5 MVA	11 KV							
32	Bonala	5 MVA	11 KV							
33	Garjanpally	5 MVA	11 KV							
34	Pothugal	5 MVA	11 KV							
35	Somarampet	5 MVA	11 KV							

Form 1.3a: Cost of purchased power

Sl.No.	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 output that is relevant to bulk supply tariff components	Part 1 of bulk supply interface point	Part 2 of bulk supply interface point	Part of bulk supply interface point	Total cost power at interface point (Rs. in) crores	
	Previous year									
	2020-21									
	36	Chekkapally	5 MVA	11 KV						
	37	Sanugula	5 MVA	11 KV						
	38	Rajannapeta	5 MVA	11 KV						
	39	Ramchandrapuram	5 MVA	11 KV						
40	Kondapoor	5 MVA	11 KV							
41	Marripally	5 MVA	11 KV							
42	Suddala	5 MVA	11 KV							
43	Malkapur	5 MVA	11 KV							
44	Moinikunta	5 MVA	11 KV							
45	Venkatapur	5 MVA	11 KV							
46	Laxmipur	5 MVA	11 KV							
47	Venkatraopet	5 MVA	11 KV							
48	Korutlapet	5 MVA	11 KV							
49	Nagampet	5 MVA	11 KV							
50	Jillella	5 MVA	11 KV							
51	Kasbekatoor	5 MVA	11 KV							
52	Mallial	5 MVA	11 KV							
53	Vilasagar	5 MVA	11 KV							
54	Ananthagiri	5 MVA	11 KV							
55	J.P.Nagar, Sircilla	5 MVA	11 KV							
56	Thimmapoor	5 MVA	11 KV							
57	Korem	5 MVA	11 KV							
58	Stambampally	5 MVA	11 KV							
59	Narayanapoor	5 MVA	11 KV							
60	Akkapally	5 MVA	11 KV							
61	Narmala	5 MVA	11 KV							
62	Vemulawada Town	5 MVA	11 KV							
63	Mustabad	5 MVA	11 KV							
64	Thimmapoor CHD	5 MVA	11 KV							
65	Chippalapally	5 MVA	11 KV							
66	Raheemkhanpet	5 MVA	11 KV							
67	Ankireddypally	5 MVA	11 KV							
68	Konaraopet	5 MVA	11 KV							
69	Cheerlavancha	5 MVA	11 KV							
70	Kancharla	5 MVA	11 KV							
71	Mandepally	5 MVA	11 KV							
	Total			1030238091						

Form 1.3b: Employment costs
Category of employee

		Previous year 2020-21			Current year 2021-22			Ensuing year 2022-23		
		Actuals Rs. In lakhs			Estimated Rs. In lakhs			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	0.63	11	11		11	11	
2	Support staff of board of directors	-	-							
2 (a)	Technical *	-	-							
2 (b)	Administrative	-	-							
2 (c)	Account and finance	-	-							
2 (d)	Other (please specify)	-	-							
3	<u>Technical & O&M staff</u>									
3 (a)	Technical	-	-	-	-	-	-	-	-	-
3 (a)(i)	Officers	28	17	299.29	28	17	218.183	28	17	237.16
3 (a)(ii)	Staff	261	275	1417.23	261	275	1447.388	261	275	2025.39
3(b)	<u>Non Technical</u>									
3(b)(i)	Administrative	-	-	-	-	-	-	-	-	-
3(b)(i.i)	Officers	3	2	30.64	3	2	31.785	3	2	44.28
3(b)(i.ii)	Staff	3			3			3		
3(b)(ii)	Accounts and finance									
3(b)(ii.i)	Officers	25	13	139.77	25	13	142.941	25	13	199.90
3(b)(ii.ii)	Staff	111	30	322.55	111	30	329.864	111	30	461.31
3(b)(iii)	Others (please specify)									
3(b)(iii.i)	Officers	-	-	-	-	-	-	-	-	-
3(b)(iii.ii)	Staff	24	24	197.95	24	24	202.202	24	23	282.95
	Total employment data (455-11)	466	361	2408.06	466	361	2372.36	466	360	3250.99

* 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

THE CO-OPERATIVE ELECTRIC SUPPLY SOCIETY LIMITED, SIRCILLA

STATEMENT SHOWING THE CADRE WISE STRENGTH AS ON 31-03-2021

Sl. No.	Cadre	Existing Strength
1	Managing Director	1
2	Accounts Officer	---
3	Divisional Electrical Engineer	1
4	Assistant Divisional Engineer	1
5	Assistant Accounts Officers	6
6	Additional Assistant Engineers	16
7	Junior Accounts Officers	7
8	Fore Men	-
9	Line Inspectors	8
10	Upper Divisional Clerks	11
11	Lower Divisional Clerks	18
12	Line Men	56
13	Assistant Line Men	44
14	Line Men Driver	6
15	Helpers	11
16	Asst.Helpers	148
17	Record Assistant	
18	Typist	1
19	Bill Servers	1
20	Attenders	12
21	Watch Men	8
22	Cleaner	
23	Lasker	2
24	Sweepers	3
	TOTAL	361

THE CO-OPERATIVE ELECTRIC SUPPLY SOCIETY LIMITED, SIRCILLA

STATEMENT SHOWING THE CADRE WISE STRENGTH AS ON 31-03-2022

Sl. No.	Cadre	Existing Strength
1	Managing Director	1
2	Accounts Officer	---
3	Divisional Electrical Engineer	1
4	Assistant Divisional Engineer	1
5	Assistant Accounts Officers	6
6	Additional Assistant Engineers	16
7	Junior Accounts Officers	7
8	Fore Men	---
9	Line Inspectors	8
10	Upper Divisional Clerks	11
11	Lower Divisional Clerks	18
12	Line Men	56
13	Assistant Line Men	44
14	Line Men Driver	6
15	Helpers	11
16	Asst.Helpers	148
17	Record Assistant	---
18	Typist	1
19	Bill Servers	1
20	Attenders	12
21	Watch Men	8
22	Cleaner	---
23	Lasker	2
24	Sweepers	3
	TOTAL	361

THE CO-OPERATIVE ELECTRIC SUPPLY SOCIETY LIMITED, SIRCILLA

STATEMENT SHOWING THE CADRE WISE STRENGTH AS ON 31-03-2023

Sl. No.	Cadre	Existing Strength
1	Managing Director	1
2	Accounts Officer	---
3	Divisional Electrical Engineer	1
4	Assistant Divisional Engineer	1
5	Assistant Accounts Officers	6
6	Additional Assistant Engineers	16
7	Junior Accounts Officers	13
8	Fore Men	---
9	Line Inspectors	36
10	Upper Divisional Clerks	11
11	Lower Divisional Clerks	12
12	Line Men	28
13	Assistant Line Men	44
14	Line Men Driver	6
15	Helpers	11
16	Asst.Helpers	148
17	Record Assistant	
18	Typist	1
19	Bill Servers	1
20	Attenders	12
21	Watch Men	8
22	Cleaner	--
23	Lasker	2
24	Sweepers	2
	TOTAL	360

Revenue Requirement Form 1.4: Non tariff income

(Rs.in lakhs)

Ref.	Date Required	2020 - 2021 Previous year Audited Rs. In Lakhs	2021 - 2022 Current year Estimated Rs. In Lakhs	2022 - 2023 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	0.45	0.49	0.50
2(a)(iii)	Sale of Scrap & repair of lamps and apparatus		-	-
2(a)(iv)	Rents and Reconnection Fee and Other Op.Revenue	0.90	1.10	1.30
2(a)(v)	Transfer fees	-		
2(a)(vi)	Intrest on Investments, fixed and call deposits and bank balances & Staff Loans	245.51	200.00	200.00
2(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	519.79	407.00	425.00
	Total of "Non-tariff Income"	766.65	608.59	626.80
	Total of "Non-tariff Income" In Crores	7.6665	6.0859	6.268

MISCELLANEOUS REVENUE FOR THE YEAR 2020-21

Sl. No.	Month	Surcharge	MMC	Fixture Rent	Int on Elec.Duty	Total
1	Apr-20	3,687,132.46			570.23	3,687,702.69
2	May-20	3687132.463			570.23	3,687,702.69
3	Jun-20	13007499.06			9,812.82	13,017,311.88
4	Jul-20	2858936.11			3,888.58	2,862,824.69
5	Aug-20	3202543.6			4,071.44	3,206,615.04
6	Sep-20	3117093.03			3,689.55	3,120,782.58
7	Oct-20	3171206.76			4,232.11	3,175,438.87
8	Nov-20	3128936.91			3,792.51	3,132,729.42
9	Dec-20	3268519.45			3,989.89	3,272,509.34
10	Jan-21	3231461.6			3,930.37	3,235,391.97
11	Feb-21	3172314.26			3,503.16	3,175,817.42
12	Mar-21	3310158.04			3,750.64	3,313,908.68
	Total	48,842,933.74	-	-	45,801.53	48,888,735.27

MISCELLANEOUS REVENUE FOR THE YEAR 2021-22

Sl. No.	Month	Surcharge	MMC	Fixture Rent	Int on Elec.Duty	Total
1	Apr-21	3,386,196.48			4,162.01	3,390,358.49
2	May-21	3,169,386.15			4,534.54	3,173,920.69
3	Jun-21	3,274,563.70			4,326.37	3,278,890.07
4	Jul-21	3,417,429.37			4,038.63	3,421,468.00
5	Aug-21	3,536,682.46			4,462.48	3,541,144.94
6	Sep-21	3,463,979.94			4,346.43	3,468,326.37
7	Oct-21	3,171,206.76			4,232.11	3,175,438.87
8	Nov-21	3,128,936.91			3,792.51	3,132,729.42
9	Dec-21	3,268,519.45			3,989.89	3,272,509.34
10	Jan-22	3,231,461.60			3,930.37	3,235,391.97
11	Feb-22	3,172,314.26			3,503.16	3,175,817.42
12	Mar-22	3,310,158.04			3,750.64	3,313,908.68
	Total	39,530,835.12	-	-	49,069.14	39,579,904.26

MISCELLANEOUS REVENUE FOR THE YEAR 2022-23

Sl. No.	Month	Surcharge	MMC	Fixture Rent	Int on Elec.Duty	Total
1	Apr-22					
2	May-22					
3	Jun-22					
4	Jul-22					
5	Aug-22	40,500,000.00			50,000.00	
6	Sep-22					
7	Oct-22					
8	Nov-22					
9	Dec-22					
10	Jan-23					
11	Feb-23					
12	Mar-23					
	Total	40,500,000.00			50,000.00	40,550,000.00

Revenue Requirement form 1.5: Rebates owed from previous year

Rs. In Crores

Ref.	Data required		2020 - 2021 previous year
2(a)(i)	Income		
	Tariff income		122.91
	Non-tariff income	From form 1.4	7.67
			130.58
	Tariff Subsidy Adjusted for FY 2020-21		302.44
	Total Income (Tariff+NonTariff+ Subsidy)		433.02
	Minus total expenditure (including special appropriation clear profit for audited year	from form 1.3 total income minus total expenditure (including special appropriation)	465.18 -32.16
	Reasonable Return for audited year	from Form 1.22	7.328
	Excess of clear profit over reasonable return (if any) for	Clear profit minus reasonable return (if positive)	-39.49
	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		2022-2023 Ensuing Year Projected Rs. In Crores
	Reasonable return	From form 1.2	8.53
	Total expenditure	From form 1.3	143.77
			152.30
	Minus Non-tariff income	From form 1.4	6.27
	Total aggregate revenue requirement		146.04

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 lakhs			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)	Fuel sur-part unit if any	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								
																MU's	MU's	MU's	Rs. Crores	Rs. Crores	Rs. Crores
																2020-2021	2021-2022	2022-2023	2020-2021	2021-2022	2022-2023
LT	2020-2021 Previous Year	2021-2022 Current Year	2022-2023 Ensuing Year		2020-2021 Previous Year	2021-2022 Current Year	2022-2023 Ensuing Year	2020-2021 Previous Year	2021-2022 Current Year	2022-2023 Ensuing Year											
Category-I Domestic	160867	162797	165400		151.50	156.76	164.66	53.95	56.16	65.91											
Category-II Non domestic & Comml.	13409	14169	14519		21.68	24.07	25.28	21.54	23.84	24.80											
Cat-III: Industrial - optional	1341	1155	1218		30.36	11.44	12.04	23.75	10.40	10.28											
Cat - IV Cottage industries & Dhobighats	5752	5744	5775		25.64	25.65	26.93	12.01	12.03	11.57											
Cat-V: Agricultural	71543	73287	76287		602.42	635.97	652.57	2.55	2.60	2.64											
Cat-VI A: Local bodies st. lights	1328	1328	1328		4.32	4.68	4.92	2.84	3.06	3.24											
Cat-VI B: PWS	1800	1784	1800		9.42	11.75	12.33	5.28	6.47	6.86											
Cat-VII: General purpose	963	974	974		1.24	1.34	1.40	0.99	1.05	1.12											
Cat-VIII: Temporary supply																					
HT																					
Cat-I: Industry - General		48	53			20.35	21.34		17.25	17.35											
Cat-II: Industry - Other																					
Cat-III: Irrigation and agriculture					NIL																
Cat-IV: Railway Traction																					
Cat-VI: Townships and residential colonies																					
Other sales (not included above)																					
Total	257003	261286	267354	-	-	846.58	892.01	921.47	122.91	132.86	143.77										

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
NIL								
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
NIL								
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
NIL								
Grand total (B)								

T Direct sales at 11 KV

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

Appendix 3 Form 3.2:

CALCULATION SYSTEM LOSSES AT 33KV AND BELOW

Losses in 33 KV system and connected equipment	2019-2020	2020-2021	2021-2022
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 $100 \times (A-B)/A$	B A-B $100 \times (A-B)/A$	B A-B $100 \times (A-B)/A$
Losses in 11KV and LT system and connected equipment			
i) Energy delivered into 11KV and LT distribution system from 33/11KV SSs	B 93.96	B 100.02	B 103.02
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)	84.66	89.20	92.15
Total sales (D+E)	84.66	89.20	92.15
Losses	(B+C)-(D+E)	(B+C)-(D+E)	(B+C)-(D+E)
Losses Units	9.30	10.82	10.88
% Losses	$[(B+C)-(D+E)] \times 100 / (B+C)$	$[(B+C)-(D+E)] \times 100 / (B+C)$	$[(B+C)-(D+E)] \times 100 / (B+C)$
	9.90	10.82	10.56

STATEMENT OF DIFFERENCE FOR 2022-2023

Sl. No.	Particulars	Amount
1	Aggregate revenue requirement	143.77
	<u>Less:</u>	
2	Expected revenue from charges as per existing Tariff	143.77
3	Non- Tariff Income	6.27
	TOTAL INCOME	150.04
	REVENUE GAP	6.26