

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE ELECTRONIC APPLICATION OF)	
CLARK ENERGY COOPERATIVE, INC.)	
FOR A GENERAL ADJUSTMENT OF)	Case No. 2020-00104
RATES PURSUANT TO STREAMLINED)	
PROCEDURE PILOT PROGRAM)	
ESTABLISHED IN CASE NO. 2018-00407)	

APPLICATION

Comes now Clark Energy Cooperative, Inc. (“Clark Energy”), by counsel, pursuant to KRS 278.180, 807 KAR 5:001 Sections 8, 14 and 16, the Commission’s Orders entered December 11, 2018, March 26, 2019 and December 20, 2019 in Case No. 2018-00407,¹ and other applicable law, and for its Application requesting a general adjustment of its existing rates, respectfully states as follows:

1. Clark Energy is a not-for-profit, member-owned, rural electric distribution cooperative organized under KRS Chapter 279. Clark Energy is engaged in the business of distributing retail electric power to approximately 26,000 members in the Kentucky counties of Bath, Bourbon, Clark, Estill, Fayette, Madison, Menifee, Montgomery, Morgan, Powell and Rowan.

2. Pursuant to 807 KAR 5:001 Section 14(1), Clark Energy’s mailing address is 2640 Iron Works Road, Winchester, Kentucky 40392, and its electronic mail address is

¹ See *In the Matter of A Review of the Rate Case Procedures for Electric Distribution Cooperatives*, Order, Case No. 2018-00407 (Ky. P.S.C. Dec. 11, 2018).

psc@clarkenergy.com. This Application, including the Exhibits attached hereto and incorporated herein, contain fully the facts on which Clark Energy's request for relief is based, and an Order from the Commission granting the rate adjustment proposed herein is requested, consistent with KRS 278.180 and other applicable law.

3. Pursuant to 807 KAR 5:001 Section 14(2), Clark Energy states that it incorporated in Kentucky on March 16, 1938, and attests that it presently is a Kentucky corporation in good standing.

4. Clark Energy's existing general rates went into effect on April 16, 2010, following their approval by the Commission in Case No. 2009-00314, *In the Matter of: Application of Clark Energy Cooperative, Inc. for an Adjustment of Rates*. Since that time, Clark Energy's energy sales have remained essentially the same while the costs of conducting business have increased. Despite close management supervision to minimize cost-escalation, overall expenses in several aspects of Clark Energy's operations have increased. As set forth in the testimony of Mr. Brewer, the streamlined rate case procedure is appropriate for Clark Energy despite the fact that it has not had an increase in its base rates for ten years.

5. In order to improve vital financial metrics, Clark Energy's Board of Directors, in conjunction with its management, has determined that a general adjustment of retail rates is necessary and advisable. Consistent with KRS 278.030(1), Clark Energy seeks Commission approval to demand, collect and receive fair, just and reasonable rates for the services it provides; specifically, Clark Energy seeks approval to increase its annual revenues by \$916,755, or 2.00%, to achieve a Times Interest Earned Ratio ("TIER") of 2.00, which equates to an Operating Times Interest Earned Ratio ("OTIER") of 1.77.² Clark Energy bases its proposed rates on a twelve-

² As set forth in the testimony of Mr. Brewer and Mr. Wolfram, using its pro forma test year, Clark Energy could justify a higher rate increase of up to \$1,051,816 using a 1.85 Operating Tier ("OTIER"). Clark Energy is voluntarily

month historical test period ending December 31, 2019, which is the same period covered by its most recent annual report filed with the Commission on March 24, 2020. These rates are appropriately adjusted for known and measurable changes, as well as the factors set forth in the Commission's Orders of March 26, 2019 and December 20, 2019 in Case No. 2018-00407, and Clark Energy proposes that its revised tariff schedules become effective as of June 1, 2020.

6. Further support for Clark Energy's requested relief is set forth throughout this Application and its Exhibits, particularly in the testimony of the following witnesses:

a. Mr. Robert C. Brewer, Clark Energy's President and Chief Executive Officer, who offers testimony at Exhibit 7 describing, *inter alia*, Clark Energy's business and existing retail electric distribution system, the events that preceded the filing of this case, and the need to revise existing rates to ensure that Clark Energy may continue to provide safe, reliable retail electric service to its owner-members. Mr. Brewer may be contacted at cbrewer@clarkenergy.com, 859-744-4251, or 2640 Iron Works Road, Winchester, Kentucky 40392;

b. Ms. Holly Eades, Clark Energy's Vice President of Finance, who offers testimony at Exhibit 8 discussing, *inter alia*, Clark Energy's financial health, its expenses, and certain of its relevant practices and policies, as well as the necessity of the rate relief requested in this proceeding. Ms. Eades may be contacted at heads@clarkenergy.com, 859-744-4251, or 2640 Iron Works Road, Winchester, Kentucky 40392; and

c. Mr. John Wolfram, expert consultant with Catalyst Consulting LLC, who offers testimony at Exhibit 9 describing, *inter alia*, Clark Energy's rate classes, the calculation of Clark Energy's revenue requirement, the pro forma adjustments to the test period results, the results of a

foregoing the ability to recover the maximum allowable rate increase in order to minimize the impact of the rate increase upon its customers. However, should the Commission choose to disallow any costs included within Clark Energy's test year, Clark Energy respectfully requests the option to reverse certain adjustments in order to still arrive at the overall 2.0% rate increase.

2020 Cost of Service Study and its process, the proposed allocation of the revenue increase to the rate classes, and the rate design, proposed rates, and estimated billing impact by rate class. Mr. Wolfram may be contacted at johnwolfram@catalystllc.com, 502-599-1739, or Catalyst Consulting LLC, 3308 Haddon Road, Louisville, Kentucky 40241.

7. Clark Energy has initiated this proceeding because its existing retail rates do not provide sufficient revenue to ensure the requisite financial strength going forward. While it is Clark Energy's goal to keep rates as low as possible for its members, the reasonable and prudently incurred expense of providing safe and reliable service must be recovered through rates. In addition, prudent management and lender requirements demand that healthy financial benchmarks be maintained. Based on the facts and figures presented herein, Clark Energy respectfully requests that the rates and rate design it proposes in this case be approved by the Commission at the earliest possible date.

8. Clark Energy's request is limited to seeking adjustments in revenue requirements and rate design and does not include any request for a certificate of public convenience and necessity or changes in its tariff beyond those necessary to reflect changes in rates.

9. Clark Energy is submitting this Application electronically per the requirements of 807 KAR 5:001 Section 8 and has contemporaneously electronically submitted a copy to the Kentucky Attorney General, Office of Rate Intervention, at the following address: rateintervention@ag.ky.gov.

10. Members of Commission Staff may contact Clark Energy's witnesses directly, without counsel present, to seek clarification of certain factual information contained in the Application or in responses to requests for information.

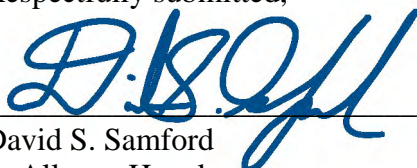
11. As evidenced by this Application and the Exhibits attached hereto, Clark Energy satisfies all the prerequisites for use of the Commission's Streamlined Procedure Pilot Program and requests that the Commission so find and administer all aspects of the case under the procedures articulated in the Orders of December 11, 2018, March 26, 2019 and December 20, 2019 in Case No. 2018-00407.³

WHEREFORE, Clark Energy respectfully requests an Order from the Commission:

- (1) Granting the procedural relief requested by entering an Order accepting Clark Energy's Application for filing under the Streamlined Procedure Pilot Program;
- (2) Granting the substantive rate relief requested herein; and
- (3) Granting Clark Energy any and all other relief to which it may appear entitled.

This 1st day of May, 2020.

Respectfully submitted,



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allyson@gosssamfordlaw.com
(859) 368-7740

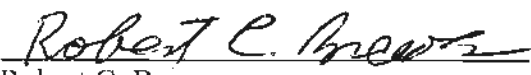
Counsel for Clark Energy Cooperative, Inc.

³ Appended hereto is a Table of Contents detailing both the filing requirements applicable to this Application and Clark Energy's satisfaction thereof, consistent with relevant regulation and the Commission's Orders establishing the Streamlined Procedure Pilot Program.

VERIFICATION

COMMONWEALTH OF KENTUCKY)
)
COUNTY OF CLARK)

Comes now Robert C. Brewer, President and Chief Executive Officer of Clark Energy Cooperative Inc., and, after being duly sworn, does hereby verify, swear and affirm that the averments set forth in this Application are true and correct based upon my personal knowledge and belief, formed after reasonable inquiry, as of this 16th day of April, 2020.



Robert C. Brewer
President and Chief Executive Officer
Clark Energy Cooperative, Inc.

The foregoing Verification was verified, sworn to and affirmed before me, a NOTARY PUBLIC, by Robert C. Brewer, President and Chief Executive Officer of Clark Energy Cooperative, Inc., on this 16th day of April, 2020.



NOTARY PUBLIC

My Commission Expires: _____



Clark Energy Cooperative, Inc.
Case No. 2020-00104

Table of Contents

Streamlined Rate Adjustment Procedure Pilot Program - Filing Requirements / Exhibit List

(Historical Test Period: Twelve Months Ending 12/31/2019)

Exhibit No.	Filing Requirement	Description	Sponsoring Witness(es)
1	807 KAR 5:001 § 16(1)(b)(1)	Statement of the reason the rate adjustment is required	Chris Brewer
-	807 KAR 5:001 § 16(1)(b)(2)	<i>Waived - Certificate of assumed name or statement that one is not necessary</i>	
2	807 KAR 5:001 § 16(1)(b)(3)	Proposed tariff sheets	Holly S. Eades
3	807 KAR 5:001 § 16(1)(b)(4)	Proposed tariff sheets with proposed changes identified	Holly S. Eades
4	807 KAR 5:001 § 16(1)(b)(5)	Statement that compliant notice to customers has been given, with a copy of the notice	Chris Brewer
-	807 KAR 5:001 § 16(1)(b)(6)	<i>Not Applicable - Utility is not a water district</i>	
5	807 KAR 5:001 § 16(2) and KRS 278.180	Notice to the Kentucky Public Service Commission of intent to adjust rates	Chris Brewer
6	807 KAR 5:001 § 16(4)(a)	Complete description and quantified explanation for all proposed adjustments with proper support for proposed changes in price or activity levels, if applicable, and other factors that may affect the adjustment	John Wolfram
7	807 KAR 5:001 § 16(4)(b)	Written testimony of witnesses in support of Application (Mr. Brewer)	Chris Brewer
8	807 KAR 5:001 § 16(4)(b)	Written testimony of witnesses in support of Application (Ms. Eades)	Holly S. Eades
9	807 KAR 5:001 § 16(4)(b)	Written testimony of witnesses in support of Application (Mr. Wolfram)	John Wolfram
-	807 KAR 5:001 § 16(4)(c)	<i>Not applicable - Utility has gross annual revenues greater than \$5 million</i>	
10	807 KAR 5:001 § 16(4)(d)	Statement estimating the effect that each new rate will have upon the revenues of the utility, including the total amount of revenues resulting from the increase or decrease and percentage increase or decrease	John Wolfram
11	807 KAR 5:001 § 16(4)(e)	Effect upon the average bill for each customer classification to which the proposed rate change will apply	John Wolfram
-	807 KAR 5:001 § 16(4)(f)	<i>Not applicable - Utility is not an incumbent local exchange company</i>	
12	807 KAR 5:001 § 16(4)(g)	Detailed analysis of customers' bills whereby revenues from the present and proposed rates can be readily determined for each customer class	John Wolfram
13	807 KAR 5:001 § 16(4)(h)	Summary of the utility's determination of its revenue requirements	John Wolfram
14	807 KAR 5:001 § 16(4)(i)	Reconciliation of the rate base and capital used to determine its revenue requirements	John Wolfram
-	807 KAR 5:001 § 16(4)(j)	<i>Waived - Current chart of accounts if more detailed than the Uniform System of Accounts</i>	
-	807 KAR 5:001 § 16(4)(k)	<i>Waived - Independent auditor's annual opinion report, with written communication from the independent auditor to the utility, if applicable, which indicates the existence of a material weakness in the utility's internal controls</i>	
-	807 KAR 5:001 § 16(4)(l)	<i>Waived - Most recent Federal Energy Regulatory Commission audit report</i>	
-	807 KAR 5:001 § 16(4)(m)	<i>Waived - Most recent FERC Financial Report FERC Form No.1, FERC Financial Report FERC Form No. 2, or Public Service Commission Form T (telephone)</i>	
	807 KAR 5:001 § 16(4)(n)	<i>Waived if depreciation schedule on file with the Commission is the most recent version see Exhibit 29</i>	
-	807 KAR 5:001 § 16(4)(o)	<i>Waived - List of all commercially available or in-house developed computer software, programs, and models used in the development of the schedules and work papers associated with the filing of the utility's application</i>	
-	807 KAR 5:001 § 16(4)(p)	<i>Waived / Not applicable - Utility has made no stock or bond offerings</i>	
-	807 KAR 5:001 § 16(4)(q)	<i>Waived - Annual report to shareholders or members and statistical supplements covering the two (2) most recent years from the utility's application filing date</i>	
-	807 KAR 5:001 § 16(4)(r)	<i>Waived - Monthly managerial reports providing financial results of operations for the twelve (12) months in the test period</i>	
-	807 KAR 5:001 § 16(4)(s)	<i>Waived - Utility's annual report on Form 10-K (most recent two (2) years), any Form 8-K issued during the past two (2) years, and any Form 10-Q issued during the past six (6) quarters updated as information becomes available</i>	
15	807 KAR 5:001 § 16(4)(t)	Affiliate charges, allocations, and payments with description, explanation, and demonstration of reasonableness (including a detailed description of the method and amounts allocated or charged to the utility by the affiliate, an explanation of how the allocator for the test period was determined and all facts relied upon, including other regulatory approval, to demonstrate that each amount charged, allocated or paid during the test period was reasonable).	Holly S. Eades
16	807 KAR 5:001 § 16(4)(u)	Cost of service study based on a methodology generally accepted within the industry and based on current and reliable data from a single time period (less than 5 years old)	John Wolfram

Clark Energy Cooperative, Inc.
Case No. 2020-00104

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Streamlined Rate Adjustment Procedure Pilot Program - Filing Requirements / Exhibit List

(Historical Test Period: Twelve Months Ending 12/31/2019)

Exhibit No.	Filing Requirement	Description	Sponsoring Witness(es)
-	807 KAR 5:001 § 16(4)(v)	<i>Not applicable - Utility is not a local exchange carrier</i>	
17	807 KAR 5:001 § 16(5)(a)	Detailed income statement and balance sheet reflecting the impact of all proposed adjustments	John Wolfram
-	807 KAR 5:001 § 16(5)(b)	<i>Waived - Most recent capital construction budget containing at least the period of time as proposed for any pro forma adjustment for plant additions</i>	
-	807 KAR 5:001 § 16(5)(c)	<i>Waived - Detail regarding pro forma adjustments reflecting plant additions</i>	
-	807 KAR 5:001 § 16(5)(d)	<i>Waived - Operating budget for each month of the period encompassing the pro forma adjustments</i>	
18	807 KAR 5:001 § 16(5)(e)	Number of customers to be added to the test period end level of customers and the related revenue requirements impact for all pro forma adjustments with complete details and supporting work papers	John Wolfram
19	Case No. 2008-00408 July 24, 2012 Order	Consideration of cost-effective energy efficiency resources and impact of such resources on test year	Holly S. Eades
20	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	Narrative statement discussing any changes that have occurred for the Distribution Cooperative since the effective date of its last general base rate adjustment	Chris Brewer
21	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	The estimated dates for drawdowns of unadvanced loan funds at test-year-end and the proposed uses of these funds	Holly S. Eades
22	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	A general statement identifying any electric property or plant held for future use	Holly S. Eades
23	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	The calculation of normalized depreciation expense (test-year-end plant account-balance multiplied by depreciation rate)	John Wolfram
24	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	Any changes that occurred during the test year to the Distribution Cooperative's written policies on the compensation of its attorneys, auditors, and all other professional service providers, indicating the effective date and reason for these changes	John Wolfram
25	Case No. 2018-00407, December 20, 2019 Order	A schedule of the Distribution Cooperative's standard directors' fees, per diems and other compensation in effect during the test year, including a description of the any charges that occurred during the test year to the Distribution Cooperatives' written policies specifying the compensation of directors, indicating the effective date and reason for any change	Holly S. Eades and John Wolfram
26	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	A schedule reflecting the salaries and other compensation of each executive officer for the test year and two preceding calendar years. Include the percentage of annual increase and the effective date of each increase, the job title, duty and responsibility of each officer, the number of employees who report to each executive officer, and to whom each executive officer reports. Also, for employees elected to executive officer status during the test year, provide the salaries for the test year for those persons whom they replaced	Holly S. Eades
27	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	An analysis of Account No. 930, Miscellaneous General Expenses, for the test year. Include a complete breakdown of this account by the following categories: industry association dues, debt-serving expenses, institutional advertising, conservation advertising, rate department load studies, director's fees and expenses, dues and subscriptions, and miscellaneous. Include all detailed supporting work papers. At a minimum, the work papers should show the date, vendor, reference (e.g., voucher number), dollar amount, and a brief description of each expenditure. Detailed analysis is not required for amounts of less than \$100	Holly S. Eades and John Wolfram

Clark Energy Cooperative, Inc.
Case No. 2020-00104

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Streamlined Rate Adjustment Procedure Pilot Program - Filing Requirements / Exhibit List

(Historical Test Period: Twelve Months Ending 12/31/2019)

Exhibit No.	Filing Requirement	Description	Sponsoring Witness(es)
28	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	An analysis of Account No. 426, Other Income Deductions, for the test period. Include a complete breakdown of this account by the following categories: donations, civic activities, political activities, and other. Include detailed supporting work papers. At a minimum, the work papers should show the date, vendor, reference (e.g., voucher number), dollar amount, and brief description of each expenditure. Detailed analysis is not required for amounts of less than \$250	Holly S. Eades and John Wolfram
29	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	A statement explaining whether the depreciation rates reflected in the filing are identical to those most recently approved by the Commission. If identical, identify the case in which they were approved. If not, provide the depreciation study that supports the rates reflected in the filing	Holly S. Eades and John Wolfram
30	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	A copy of all exhibits and schedules that were prepared for the rate application in Excel spreadsheet format with all formulas intact and unprotected and with all columns and rows accessible	John Wolfram
31	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	The distribution cooperative's TIER, OTIER, and debt service coverage ratio, as calculated by the RUS, for the test year and the five most recent calendar years, including the data used to calculate each ratio	Holly S. Eades
32	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	A trial balance as of the last day of the test year showing account number, subaccount number, account title, subaccount title, and amount. The trial balance shall include all asset, liability, capital, income, and expense accounts used by the distribution cooperative. All income statements accounts should show activity for 12 months. The application should show the balance in each control account and all underlying subaccounts per the company books	Holly S. Eades
33	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	A schedule comparing balances for each balance sheet account or subaccount included in the Distribution Cooperative's chart of accounts for each month of the test year to the same month of the 12-month period immediately preceding the test year	Holly S. Eades
34	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	A schedule comparing each income statement account or subaccount included in the Distribution Cooperative's chart of accounts for each month of the of the test year to the same month of the 12-month period immediately preceding the test year. The amounts should reflect the income or expense activity of each month, rather than the cumulative balances at the end of the particular month	Holly S. Eades
35	Case No. 2018-00407, Orders entered on December 11, 2018, March 26, 2019 and December 20, 2019	A schedule showing employee health, dental, vision, and life insurance premium contributions by coverage type, including the cost split of each identified premium between the employee and the Distribution Cooperative	Holly S. Eades
36	Case No. 2018-00407, December 20, 2019 Order	A schedule showing anticipated and incurred rate case expenses, with supporting documentation.	Holly S. Eades

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 1

807 KAR 5:001 Sec. 16(1)(b)(1)
Sponsoring Witness: Chris Brewer

Description of Filing Requirement:

A statement of the reason the adjustment is required

Response:

Clark Energy's Application generally, and specifically the written testimony provided at Exhibits 7 through 9, underscores the necessity of the adjustment requested by Clark Energy in this proceeding. Since Clark Energy's most recent general rate adjustment went into effect nearly ten (10) years ago, Clark Energy has experienced increased expenses in most areas of its operations. It has been able to offset many of these costs through prudent changes in its employee benefits and managing interest expense, however, essentially flat customer and load growth have resulted in financial metrics that are below what is necessary in several recent years. Moreover, Clark Energy's existing rates do not align with its cost of providing service, which makes its margins more susceptible to volatility. Without an adjustment of its rates, Clark Energy's undesirable and insufficient rate structure will continue and thus put at risk not only the cooperative's contractual relationships with its lenders, but also the safe and reliable service its members deserve and expect.

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 2

~~807 KAR 5:001 Sec. 16(1)(b)(3)~~
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

*New or revised tariff sheets, if applicable in a format that complies with 807 KAR 5:011
with an effective date not less than thirty (30) days from the date the application is filed*

Response:

Please see attached.

For All Counties Served

P.S.C. No. 2

8th Revision Sheet No. 45

Clark Energy Cooperative Inc.
Name of Issuing Corporation

Cancelling P.S.C. No. 2

7th Revision Sheet No. 45

CLASSIFICATION OF SERVICE

Schedule D: Time of-Use Marketing Service

AVAILABILITY

Available to all Rate "R" consumers for separately metered off peak requirements subject to the established time of use restrictions. Applicable to programs approved by the Kentucky PSC as a part of EKPC wholesale marketing rates.

CHARACTER OF SERVICE

Single phase, 60 Hertz, at available secondary voltages.

DELIVERY POINT

The delivery point at which the secondary or utilization voltage is provided shall be specified by the Distributor.

TIME OF DAY RESTRICTIONS

<u>MONTH</u>	<u>OFF PEAK HOURS</u>
October thru April	10:00 P.M. To 7:00 A.M., EST
	12:00 Noon to 5:00 P.M., EST
May thru September	10:00 P.M. thru 10:00 A.M., EST

RATES

\$0.06264 per kWh for all energy (R)

I

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____
Vice President, Finance

For All Counties Served

P.S.C. No. 2

8th Revision Sheet No. 46

Clark Energy Cooperative Inc.
Name of Issuing Corporation

Cancelling P.S.C. No. 2

7th Revision Sheet No. 46

CLASSIFICATION OF SERVICE

FUEL ADJUSTMENT CHARGE

The above rate may be increased or decreased by an amount per kWh equal to the fuel adjustment amount per kWh as billed by the Wholesale Power Supplier plus an allowance for line losses. The allowance for line losses will not exceed 10% and is based on a twelve-month moving average of such losses.

TERMS OF PAYMENT

The above charges are net and payable within ten days from the date of the bill.

LATE PAYMENT FEES

An amount equal to five percent (5%) of the past due amount will be added to all accounts that are in a past due condition. Late payment fees will apply after 10 days from the date of the bill. Late payment fees will apply only to the net bill, exclusive of special charges, tax and other assessments.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____
Vice President, Finance

For All Counties Served

P.S.C. No. 2

8th Revision Sheet No. 43

Cancelling P.S.C. No. 2

7th Revision Sheet No. 43

Clark Energy Cooperative Inc.
Name of Issuing Corporation

CLASSIFICATION OF SERVICE

Schedule R: Residential

AVAILABILITY

Available to all residential consumers subject to established rules and regulations of the Distributor.

CHARACTER OF SERVICE

Single phase, 60 Hertz, at available secondary voltages.

DELIVERY POINT

The delivery point at which the secondary or utilization voltage is provided shall be specified by the Distributor.

RATES

\$18.00	Facility Charge	I
\$0.08608	per kWh for all energy (R)	R

MINIMUM MONTHLY CHARGE

The minimum monthly charge shall be \$18.00. I

FUEL ADJUSTMENT CHARGE

The above rate may be increased or decreased by an amount per kWh equal to the fuel adjustment amount per kWh as billed by the Wholesale Power Supplier plus an allowance for line losses. The allowance for line losses will not exceed 10% and is based on a twelve-month moving average of such losses.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____
Vice President, Finance

For All Counties Served

P.S.C. No. 2

8th Revision Sheet No. 44

Cancelling P.S.C. No. 2

7th Revision Sheet No. 44

Clark Energy Cooperative Inc.
Name of Issuing Corporation

~~CLASSIFICATION OF SERVICE~~

TERMS OF PAYMENT

The above charges are net and payable within ten days from the date of the bill.

LATE PAYMENT FEES

An amount equal to five percent (5%) of the past due amount will be added to all accounts that are in a past due condition. Late payment fees will apply after 10 days from the date of the bill. Late payment fees will apply only to the net bill, exclusive of special charges, tax and other assessments.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____
Vice President, Finance

CLASSIFICATION OF SERVICE

PREPAY SERVICE RIDER

STANDARD RIDER

Prepay Service is a voluntary rider to Rate Schedule R – Residential.

AVAILABILITY

Available to all residential consumers excluding accounts on budget billing, automatic bank draft, net metered accounts, accounts with lifesaving medical equipment, accounts greater than 200-amp service and three-phase accounts within the area served by Clark Energy.

RATES

\$ 18.00	Facility Charge (\$.600)	II
\$ 5.00	Prepay service fee (\$.167 per day)	
\$0.08608	per kWh for all energy (R)	R

TERMS & CONDITIONS

Members who qualify, as defined in “Availability” above may choose to voluntarily enroll their electric account (s) in the Prepay Service and are subject to the following:

1. The member shall purchase electric energy from the Cooperative in accordance with the present and any future rate schedule of the Cooperative on a prepay basis. The terms and conditions set forth in the member’s Application for Membership continue to apply in addition to the terms and conditions of the Agreement for Prepay Service subject to any changes set forth in this agreement.
2. Members choosing to enroll in Prepay Service shall sign a Prepay Service Agreement (“Agreement”). The Agreement shall be for one (1) year. Members are required to notify Clark Energy in writing to terminate the Agreement and opt out of Prepay Service.
3. Upon written cancellation of the Agreement, the member shall be subject to the conditions of the Residential rate schedule without the Prepay Service rider. The member may be required to pay a security deposit at the time of cancellation of the Prepay Service.
4. A current post-pay member can transfer to the Prepay Service program. The Agreement will authorize the kWh used since the last bill date until the date the account is changed to Prepay Service to be calculated and transferred to the Prepay Service account. Clark Energy will, if requested, assist members to set up a payment agreement. Any fees/penalties (returned payment, meter tampering, etc.) shall be paid before any purchases for funding is applied to the member’s Prepay Service account.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____

Vice President, Finance

CLASSIFICATION OF SERVICE

PREPAY SERVICE RIDER

5. Any deposit will be applied to the final billing for the post-pay account before the account changes to Prepay Service. Any credit remaining on the account will be applied to the Prepay Service account. However, if the member has another account(s) and does not have a satisfactory credit history, the remaining credit will be transferred as a deposit to the unsecured account(s).
6. The recommended initial payment for Prepay Service is \$100.00. Members may make subsequent payments in any increment they choose with a minimum purchase of \$10.00.
7. Members may apply funds to a Prepay Service account by the same payment methods available for post-pay accounts, with the exception of automatic bank draft and reoccurring payments. Payment methods are provided on Clark Energy's website at www.clarkenergvy.com.
8. Members participating in Prepay Service will not be mailed a monthly paper bill for electric usage or other applicable fees or charges. Account information may be obtained from the web portal or by contacting the office.
9. The member shall be billed daily for the kWh (energy) usage, facility charge, taxes, if applicable, and outdoor lighting, if applicable, in addition to the charge or credit for the fuel cost adjustment and environmental surcharge. The rate of the fuel adjustment and environmental surcharge will be the rates in effect when kWhs are used.
10. The Prepay Service account will not be subject to deposits, late fees, disconnect fees or reconnect fees.
11. During any interruption in service, outage and/or disconnections, the customer charge, prepay fee and security light charges, of applicable, will continue to accrue.
12. Members participating in Prepay Service are required to have either a cell phone for text messages or an email address. If any of the contact information provided changes it is the responsibility of the member to notify Clark Energy or to update their contact information in the web portal.
13. When the amount of funds remaining on a Prepay Service account reaches the established threshold of three (3) days average usage or a dollar amount set by the member, an automated message will be sent to the member rather than a traditional, written notice sent by U.S. mail. Clark Energy shall not be responsible for any failure of the member to receive the automated message. Members have the option, if they choose, to change their threshold amount in the web portal.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____

Vice President, Finance

CLASSIFICATION OF SERVICE

PREPAY SERVICE RIDER

14. The member shall be responsible for regularly monitoring the balance on the Prepay Service account. The Agreement states that the electric service will be subject to disconnection without any written, verbal or other method of notification from Clark Energy to the member once the balance of the account reaches a negative balance.
15. Should the member have a payment returned for any reason, the returned payment will be immediately charged to the Prepay Service account. The member's account shall also be charged a return payment fee as referenced in Clark Energy's PSC approved Rules and Regulations. If there are not sufficient funds to cover the returned item and fee, the account will be disconnected immediately.
16. If a Prepay Service account is disconnected due to lack of funds or any other reason, Clark Energy shall be held harmless for any damages due to loss of energy service. Likewise, if the account is disconnected and the member applied funds to the Prepay Service account thus causing the account to be reconnected, the member accepts full responsibility for any damages to the location caused by the account being reconnected and holds Clark Energy harmless from any damages arising from such a reconnection.
17. A Prepay Service account will be disconnected if the balance of the account becomes negative. The account will be disconnected regardless of weather or temperature; the member is responsible for ensuring that the Prepay Service account is funded. A prepay account that is disconnected due to a negative balance will be required to pay the balance plus a minimum of \$10.00 to replenish the account before the account is reconnected.
18. Financial assistance in the form of a promise to pay for a Prepay Service account will not be credited to the account until payment is received. The promised assistance will be credited to the prepaid balance upon receipt.
19. If a member on a Prepay Service account presents a Certificate of Need, a Medical Certificate or qualifies for a Winter Hardship Reconnect, the member shall be required to transfer to a post-pay service account and a deposit may be required.
20. If a member wishes to disconnect service, the member shall be refunded any credit on the Prepay Service account or the credit will be transferred to other active accounts, if delinquent.
21. The Prepay Service agreement shall be in effect for one (1) year. After one (1) year, the member may elect to opt out of the Prepay Service program by submitting a written request for cancellation to Clark Energy. If Prepay Service is ended the member must meet the requirements of a post-pay account for continued service.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____
Vice President, Finance

CLARK ENERGY COOPERATIVE, INC.
PREPAY SERVICE AGREEMENT

Member Name _____	E-mail _____
Account No. _____	Cell Phone _____

The undersigned (hereinafter called the "member") hereby applies for participation in the voluntary Prepay Service program offered to members of Clark Energy Cooperative, Inc. (hereinafter called the "Cooperative"), and agrees to the following terms and conditions:

1. The member shall purchase electric energy from the Cooperative in accordance with the present and any future rate schedule of the Cooperative on a prepay basis for the above referenced account. The member understands that the terms and conditions set forth in the member's Application for Membership continue to apply in addition to the terms and conditions of this Agreement for Prepay Service subject to any changes set forth in this agreement.
2. A current post-pay member can transfer to the Prepay Service program. The member authorizes the kWh used since the last bill date until the date the account is changed to Prepay Service to be calculated and transferred to the Prepay Service account. Clark Energy will, if requested, assist members to set up a payment agreement. Any fees/penalties (returned payment, meter tampering, etc.) shall be paid before any purchases for funding is applied to the member's Prepay Service account.
3. Budget billing, automatic draft, net metering, accounts with lifesaving medical equipment, three-phase accounts and accounts with greater than 200-amp service are not eligible for Prepay Service.
4. Any deposit on the above referenced account will be applied to the final billing for the post-pay account before the account changes to Prepay Service. Any credit remaining on the account will be applied to the Prepay Service account. However, if the member has another account(s) and does not have a satisfactory credit history, the remaining credit will be transferred as a deposit to the unsecured account(s). The deposit will only be refunded by applying it to the member's account(s) as described above.
5. The recommended initial payment for Prepay Service is \$100.00. Members may make subsequent payments in any increment they choose with a minimum purchase of \$10.00.
6. Members may apply funds to a Prepay Service account by the same payment methods available for post-pay accounts, with the exception of automatic bank draft and reoccurring payments. Payment methods are provided on the Cooperative's website at www.clarkenergy.com.
7. Members participating in Prepay Service will not be mailed a monthly paper bill for electric usage or other applicable fees or charges. Account information may be obtained from the web portal or by contacting the office.
8. The member shall be billed daily for the kWh (energy) usage, facility charge, taxes, if applicable, and outdoor lighting, if applicable, in addition to the charge or credit for the fuel cost adjustment and environmental surcharge. The rate of the fuel adjustment and environmental surcharge will be the rates in effect when kWhs are used.
9. During any interruption in service, outage and/or disconnections, the customer charge, prepay fee and any security light charges will continue to accrue.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____

Vice President, Finance

CLARK ENERGY COOPERATIVE, INC.

10. Members participating in Prepay Service are required to have either a cell phone for text messages or an email address. If any of the contact information provided on this agreement changes it is the responsibility of the member to notify the Cooperative or to update their contact information in the web portal.
11. When the amount of funds remaining on a Prepay Service account reaches the established threshold of three (3) days average usage or a dollar amount set by the member, an automated message will be sent to the member rather than a traditional, written notice sent by U.S. mail. The Cooperative shall not be responsible for any failure of the member to receive the automated message. Members have the option, if they choose, to change their threshold amount in the web portal.
12. The member shall be responsible for regularly monitoring the balance on the Prepay Service account and understands that the electric service will be subject to disconnection without any written, verbal or other method of notification from the Cooperative to the member once the balance of the account reaches a negative balance.
13. A Prepay Service account shall not be eligible for payment plan arrangements.
14. Should the member have a payment returned for any reason, the returned payment will be immediately charged to the Prepay Service account. The member's account shall also be charged a return payment fee as referenced in the Cooperative's PSC approved Rules and Regulations. If there are not sufficient funds to cover the returned item and fee, the account will be disconnected immediately.
15. If a Prepay Service account is disconnected due to lack of funds or any other reason, the Cooperative shall be held harmless for any damages due to loss of energy service. Likewise, if the account is disconnected and the member applied funds to the Prepay Service account thus causing the account to be reconnected, the member accepts full responsibility for any damages to the location caused by the account being reconnected and holds the Cooperative harmless from any damages arising from such a reconnection.
16. By signing this agreement, the member affirms there are no residents in the home that currently have lifesaving medical equipment that will be impacted by loss of service. Should this status change, the member shall contact the Cooperative in writing, at which time the account will be removed from Prepay Service. It is the responsibility of the member to confirm the Cooperative is in receipt of the written request for removal from Prepay Service.
17. A Prepay Service account will be disconnected if the balance of the account becomes negative. The account will be disconnected regardless of weather or temperature; the member is responsible for ensuring that the Prepay Service account is funded. ***A prepay account that is disconnected due to a negative balance will be required to pay the balance plus a minimum of \$10.00 to replenish the account before the account is reconnected.*** _____
Member initials
18. Financial assistance in the form of a promise to pay for a Prepay Service account will not be credited to the account until payment is received. The promised assistance will be credited to the prepaid balance upon receipt.
19. If a member on a Prepay Service account presents a Certificate of Need, a Medical Certificate or qualifies for a Winter Hardship Reconnect, the member shall be required to transfer to a post-pay service account and understands a deposit may be required.

Date of Issue: May 1, 2020

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Vice President, Finance

CLARK ENERGY COOPERATIVE, INC.

- 20. If a member wishes to disconnect service, the member shall be refunded any balance on the Prepay Service account. Any refund will be processed in the same manner as a post-pay account refund.
- 21. The Prepay Service agreement shall be in effect for one (1) year. After one year, the member may elect to opt out of the Prepay Service program by submitting a request for cancellation to Clark Energy in writing. If Prepay Service is ended, the member must meet the requirements of a post-pay account for continued service.
- 22. The member, by signing this agreement, confirms the ability to receive electronic communications and understands it is the member's responsibility to manage their own communication devices.
- 23. The undersigned agrees that Cooperative personnel have thoroughly explained this Prepay Service program and have fully informed the member of all aspects of the program.

Preferred method of notification: E-mail _____ Text _____ Both _____

Low balance notification: Three (3) days average usage _____ OR \$ _____

Member Signature: _____ Last 4 SSN: _____ Date: _____

Member Signature: _____ Last 4 SSN: _____ Date: _____

CSR Signature: _____ Date: _____

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____

Vice President, Finance

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 3

807 KAR 5:001 Sec. 16(1)(b)(4)
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

New or revised tariff sheets, if applicable, identified in compliance with 807 KAR 5:011, shown either by providing: (a) the present and proposed tariffs in comparative form on the same sheet side by side or on facing sheets side by side; or (b) a copy of the present tariff indicating proposed additions by italicized inserts or underscoring and striking over proposed deletions

Response:

Please see attached.

For All Counties Served

P.S.C. No. 2

7th Revision Sheet No. 45

Clark Energy Cooperative Inc.
Name of Issuing Corporation

Cancelling P.S.C. No. 2

6th Revision Sheet No. 45

CLASSIFICATION OF SERVICE

Schedule D: Time of-Use Marketing Service

AVAILABILITY

Available to all Rate "R" consumers for separately metered off peak requirements subject to the established time of use restrictions. Applicable to programs approved by the Kentucky PSC as a part of EKPC wholesale marketing rates.

CHARACTER OF SERVICE

Single phase, 60 Hertz, at available secondary voltages.

DELIVERY POINT

The delivery point at which the secondary or utilization voltage is provided shall be specified by the Distributor.

TIME OF DAY RESTRICTIONS

<u>MONTH</u>	<u>OFF PEAK HOURS</u>
October thru April	10:00 P.M. To 7:00 A.M., EST
	12:00 Noon to 5:00 P.M., EST
May thru September	10:00 P.M. thru 10:00 A.M., EST

RATES

~~\$0.05634~~ \$0.06264 per kWh for all energy (R)

I

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____
Vice President, Finance

For All Counties Served

P.S.C. No. 2

7th Revision Sheet No. 46

Clark Energy Cooperative Inc.
Name of Issuing Corporation

Cancelling P.S.C. No. 2

6th Revision Sheet No. 46

CLASSIFICATION OF SERVICE

FUEL ADJUSTMENT CHARGE

The above rate may be increased or decreased by an amount per kWh equal to the fuel adjustment amount per kWh as billed by the Wholesale Power Supplier plus an allowance for line losses. The allowance for line losses will not exceed 10% and is based on a twelve-month moving average of such losses.

TERMS OF PAYMENT

The above charges are net and payable within ten days from the date of the bill.

LATE PAYMENT FEES

An amount equal to five percent (5%) of the past due amount will be added to all accounts that are in a past due condition. Late payment fees will apply after 10 days from the date of the bill. Late payment fees will apply only to the net bill, exclusive of special charges, tax and other assessments.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____
Vice President, Finance

For All Counties Served

P.S.C. No. 2

7th Revision Sheet No. 43

Cancelling P.S.C. No. 2

6th Revision Sheet No. 43

Clark Energy Cooperative Inc.
Name of Issuing Corporation

CLASSIFICATION OF SERVICE

Schedule R: Residential

AVAILABILITY

Available to all residential consumers subject to established rules and regulations of the Distributor.

CHARACTER OF SERVICE

Single phase, 60 Hertz, at available secondary voltages.

DELIVERY POINT

The delivery point at which the secondary or utilization voltage is provided shall be specified by the Distributor.

RATES

\$12.43 18.00	Facility Charge	I
\$0.08832 0.08608	per kWh for all energy (R)	R

MINIMUM MONTHLY CHARGE

The minimum monthly charge shall be ~~\$12.43~~ 18.00. I

FUEL ADJUSTMENT CHARGE

The above rate may be increased or decreased by an amount per kWh equal to the fuel adjustment amount per kWh as billed by the Wholesale Power Supplier plus an allowance for line losses. The allowance for line losses will not exceed 10% and is based on a twelve-month moving average of such losses.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____
Vice President, Finance

For All Counties Served

P.S.C. No. 2

7th Revision Sheet No. 44

Clark Energy Cooperative Inc.
Name of Issuing Corporation

Cancelling P.S.C. No. 2

6th Revision Sheet No. 44

CLASSIFICATION OF SERVICE

TERMS OF PAYMENT

The above charges are net and payable within ten days from the date of the bill.

LATE PAYMENT FEES

An amount equal to five percent (5%) of the past due amount will be added to all accounts that are in a past due condition. Late payment fees will apply after 10 days from the date of the bill. Late payment fees will apply only to the net bill, exclusive of special charges, tax and other assessments.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____
Vice President, Finance

CLASSIFICATION OF SERVICE

PREPAY SERVICE RIDER

STANDARD RIDER

Prepay Service is a voluntary rider to Rate Schedule R – Residential.

AVAILABILITY

Available to all residential consumers excluding accounts on budget billing, automatic bank draft, net metered accounts, accounts with lifesaving medical equipment, accounts greater than 200-amp service and three-phase accounts within the area served by Clark Energy.

RATES

\$ 42.43 18.00	Facility Charge (\$.414) (\$.600)	II
\$ 5.00	Prepay service fee (\$.167 per day)	
\$0-08832 0.08608	per kWh for all energy (R)	R

TERMS & CONDITIONS

Members who qualify, as defined in “Availability” above may choose to voluntarily enroll their electric account (s) in the Prepay Service and are subject to the following:

1. The member shall purchase electric energy from the Cooperative in accordance with the present and any future rate schedule of the Cooperative on a prepay basis. The terms and conditions set forth in the member’s Application for Membership continue to apply in addition to the terms and conditions of the Agreement for Prepay Service subject to any changes set forth in this agreement.
2. Members choosing to enroll in Prepay Service shall sign a Prepay Service Agreement (“Agreement”). The Agreement shall be for one (1) year. Members are required to notify Clark Energy in writing to terminate the Agreement and opt out of Prepay Service.
3. Upon written cancellation of the Agreement, the member shall be subject to the conditions of the Residential rate schedule without the Prepay Service rider. The member may be required to pay a security deposit at the time of cancellation of the Prepay Service.
4. A current post-pay member can transfer to the Prepay Service program. The Agreement will authorize the kWh used since the last bill date until the date the account is changed to Prepay Service to be calculated and transferred to the Prepay Service account. Clark Energy will, if requested, assist members to set up a payment agreement. Any fees/penalties (returned payment, meter tampering, etc.) shall be paid before any purchases for funding is applied to the member’s Prepay Service account.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____

Vice President, Finance

CLASSIFICATION OF SERVICE

PREPAY SERVICE RIDER

5. Any deposit will be applied to the final billing for the post-pay account before the account changes to Prepay Service. Any credit remaining on the account will be applied to the Prepay Service account. However, if the member has another account(s) and does not have a satisfactory credit history, the remaining credit will be transferred as a deposit to the unsecured account(s).
6. The recommended initial payment for Prepay Service is \$100.00. Members may make subsequent payments in any increment they choose with a minimum purchase of \$10.00.
7. Members may apply funds to a Prepay Service account by the same payment methods available for post-pay accounts, with the exception of automatic bank draft and reoccurring payments. Payment methods are provided on Clark Energy's website at www.clarkenergy.com.
8. Members participating in Prepay Service will not be mailed a monthly paper bill for electric usage or other applicable fees or charges. Account information may be obtained from the web portal or by contacting the office.
9. The member shall be billed daily for the kWh (energy) usage, facility charge, taxes, if applicable, and outdoor lighting, if applicable, in addition to the charge or credit for the fuel cost adjustment and environmental surcharge. The rate of the fuel adjustment and environmental surcharge will be the rates in effect when kWhs are used.
10. The Prepay Service account will not be subject to deposits, late fees, disconnect fees or reconnect fees.
11. During any interruption in service, outage and/or disconnections, the customer charge, prepay fee and security light charges, of applicable, will continue to accrue.
12. Members participating in Prepay Service are required to have either a cell phone for text messages or an email address. If any of the contact information provided changes it is the responsibility of the member to notify Clark Energy or to update their contact information in the web portal.
13. When the amount of funds remaining on a Prepay Service account reaches the established threshold of three (3) days average usage or a dollar amount set by the member, an automated message will be sent to the member rather than a traditional, written notice sent by U.S. mail. Clark Energy shall not be responsible for any failure of the member to receive the automated message. Members have the option, if they choose, to change their threshold amount in the web portal.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

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Vice President, Finance

CLASSIFICATION OF SERVICE

PREPAY SERVICE RIDER

14. The member shall be responsible for regularly monitoring the balance on the Prepay Service account. The Agreement states that the electric service will be subject to disconnection without any written, verbal or other method of notification from Clark Energy to the member once the balance of the account reaches a negative balance.
15. Should the member have a payment returned for any reason, the returned payment will be immediately charged to the Prepay Service account. The member's account shall also be charged a return payment fee as referenced in Clark Energy's PSC approved Rules and Regulations. If there are not sufficient funds to cover the returned item and fee, the account will be disconnected immediately.
16. If a Prepay Service account is disconnected due to lack of funds or any other reason, Clark Energy shall be held harmless for any damages due to loss of energy service. Likewise, if the account is disconnected and the member applied funds to the Prepay Service account thus causing the account to be reconnected, the member accepts full responsibility for any damages to the location caused by the account being reconnected and holds Clark Energy harmless from any damages arising from such a reconnection.
17. A Prepay Service account will be disconnected if the balance of the account becomes negative. The account will be disconnected regardless of weather or temperature; the member is responsible for ensuring that the Prepay Service account is funded. A prepay account that is disconnected due to a negative balance will be required to pay the balance plus a minimum of \$10.00 to replenish the account before the account is reconnected.
18. Financial assistance in the form of a promise to pay for a Prepay Service account will not be credited to the account until payment is received. The promised assistance will be credited to the prepaid balance upon receipt.
19. If a member on a Prepay Service account presents a Certificate of Need, a Medical Certificate or qualifies for a Winter Hardship Reconnect, the member shall be required to transfer to a post-pay service account and a deposit may be required.
20. If a member wishes to disconnect service, the member shall be refunded any credit on the Prepay Service account or the credit will be transferred to other active accounts, if delinquent.
21. The Prepay Service agreement shall be in effect for one (1) year. After one (1) year, the member may elect to opt out of the Prepay Service program by submitting a written request for cancellation to Clark Energy. If Prepay Service is ended the member must meet the requirements of a post-pay account for continued service.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____

Vice President, Finance

CLARK ENERGY COOPERATIVE, INC.
PREPAY SERVICE AGREEMENT

Member Name _____	E-mail _____
Account No. _____	Cell Phone _____

The undersigned (hereinafter called the "member") hereby applies for participation in the voluntary Prepay Service program offered to members of Clark Energy Cooperative, Inc. (hereinafter called the "Cooperative"), and agrees to the following terms and conditions:

1. The member shall purchase electric energy from the Cooperative in accordance with the present and any future rate schedule of the Cooperative on a prepay basis for the above referenced account. The member understands that the terms and conditions set forth in the member's Application for Membership continue to apply in addition to the terms and conditions of this Agreement for Prepay Service subject to any changes set forth in this agreement.
2. A current post-pay member can transfer to the Prepay Service program. The member authorizes the kWh used since the last bill date until the date the account is changed to Prepay Service to be calculated and transferred to the Prepay Service account. Clark Energy will, if requested, assist members to set up a payment agreement. Any fees/penalties (returned payment, meter tampering, etc.) shall be paid before any purchases for funding is applied to the member's Prepay Service account.
3. Budget billing, automatic draft, net metering, accounts with lifesaving medical equipment, three-phase accounts and accounts with greater than 200-amp service are not eligible for Prepay Service.
4. Any deposit on the above referenced account will be applied to the final billing for the post-pay account before the account changes to Prepay Service. Any credit remaining on the account will be applied to the Prepay Service account. However, if the member has another account(s) and does not have a satisfactory credit history, the remaining credit will be transferred as a deposit to the unsecured account(s). The deposit will only be refunded by applying it to the member's account(s) as described above.
5. The recommended initial payment for Prepay Service is \$100.00. Members may make subsequent payments in any increment they choose with a minimum purchase of \$10.00.
6. Members may apply funds to a Prepay Service account by the same payment methods available for post-pay accounts, with the exception of automatic bank draft and reoccurring payments. Payment methods are provided on the Cooperative's website at www.clarkenergy.com.
7. Members participating in Prepay Service will not be mailed a monthly paper bill for electric usage or other applicable fees or charges. Account information may be obtained from the web portal or by contacting the office.
8. The member shall be billed daily for the kWh (energy) usage, facility charge, taxes, if applicable, and outdoor lighting, if applicable, in addition to the charge or credit for the fuel cost adjustment and environmental surcharge. The rate of the fuel adjustment and environmental surcharge will be the rates in effect when kWhs are used.
9. During any interruption in service, outage and/or disconnections, the customer charge, prepay fee and any security light charges will continue to accrue.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

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Vice President, Finance

CLARK ENERGY COOPERATIVE, INC.

10. Members participating in Prepay Service are required to have either a cell phone for text messages or an email address. If any of the contact information provided on this agreement changes it is the responsibility of the member to notify the Cooperative or to update their contact information in the web portal.
11. When the amount of funds remaining on a Prepay Service account reaches the established threshold of three (3) days average usage or a dollar amount set by the member, an automated message will be sent to the member rather than a traditional, written notice sent by U.S. mail. The Cooperative shall not be responsible for any failure of the member to receive the automated message. Members have the option, if they choose, to change their threshold amount in the web portal.
12. The member shall be responsible for regularly monitoring the balance on the Prepay Service account and understands that the electric service will be subject to disconnection without any written, verbal or other method of notification from the Cooperative to the member once the balance of the account reaches a negative balance.
13. A Prepay Service account shall not be eligible for payment plan arrangements.
14. Should the member have a payment returned for any reason, the returned payment will be immediately charged to the Prepay Service account. The member's account shall also be charged a return payment fee as referenced in the Cooperative's PSC approved Rules and Regulations. If there are not sufficient funds to cover the returned item and fee, the account will be disconnected immediately.
15. If a Prepay Service account is disconnected due to lack of funds or any other reason, the Cooperative shall be held harmless for any damages due to loss of energy service. Likewise, if the account is disconnected and the member applied funds to the Prepay Service account thus causing the account to be reconnected, the member accepts full responsibility for any damages to the location caused by the account being reconnected and holds the Cooperative harmless from any damages arising from such a reconnection.
16. By signing this agreement, the member affirms there are no residents in the home that currently have lifesaving medical equipment that will be impacted by loss of service. Should this status change, the member shall contact the Cooperative in writing, at which time the account will be removed from Prepay Service. It is the responsibility of the member to confirm the Cooperative is in receipt of the written request for removal from Prepay Service.
17. A Prepay Service account will be disconnected if the balance of the account becomes negative. The account will be disconnected regardless of weather or temperature; the member is responsible for ensuring that the Prepay Service account is funded. ***A prepay account that is disconnected due to a negative balance will be required to pay the balance plus a minimum of \$10.00 to replenish the account before the account is reconnected.*** _____
Member initials
18. Financial assistance in the form of a promise to pay for a Prepay Service account will not be credited to the account until payment is received. The promised assistance will be credited to the prepaid balance upon receipt.
19. If a member on a Prepay Service account presents a Certificate of Need, a Medical Certificate or qualifies for a Winter Hardship Reconnect, the member shall be required to transfer to a post-pay service account and understands a deposit may be required.

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

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Vice President, Finance

CLARK ENERGY COOPERATIVE, INC.

- 20. If a member wishes to disconnect service, the member shall be refunded any balance on the Prepay Service account. Any refund will be processed in the same manner as a post-pay account refund.
- 21. The Prepay Service agreement shall be in effect for one (1) year. After one year, the member may elect to opt out of the Prepay Service program by submitting a request for cancellation to Clark Energy in writing. If Prepay Service is ended, the member must meet the requirements of a post-pay account for continued service.
- 22. The member, by signing this agreement, confirms the ability to receive electronic communications and understands it is the member's responsibility to manage their own communication devices.
- 23. The undersigned agrees that Cooperative personnel have thoroughly explained this Prepay Service program and have fully informed the member of all aspects of the program.

Preferred method of notification: E-mail _____ Text _____ Both _____

Low balance notification: Three (3) days average usage _____ OR \$ _____

Member Signature: _____ Last 4 SSN: _____ Date: _____

Member Signature: _____ Last 4 SSN: _____ Date: _____

CSR Signature: _____ Date: _____

Date of Issue: May 1, 2020

Date Effective: June 1, 2020

Issued By: _____

Vice President, Finance

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 4

807 KAR 5:001 Sec. 16(1)(b)(5)
Sponsoring Witness: Chris Brewer

Description of Filing Requirement:

A statement that notice has been given in compliance with Section 17 of 807 KAR 5:001 with a copy of the notice

Response:

Clark Energy has given notice (and continues to give notice) in compliance with 807 KAR 5:001 Section 17, as well as in compliance with the Commission's Orders entered December 11, 2018, March 26, 2019 and December 20, 2019, in Case No. 2018-00407. Specifically, as of the date Clark Energy submitted this Application to the Commission, Clark Energy has: (i) posted at its place of business a copy of the full notice required by the relevant regulation; (ii) posted to its website a copy of the full notice required by the relevant regulation and a hyperlink to the location on the Commission's website where the case documents are available; (iii) posted to its social media accounts (Facebook and Twitter) a link to its website where a copy of the full notice required by the relevant regulation published may be found; (iv) published a copy of the abbreviated notice permitted by the Commission's December 20, 2019 Order in *Kentucky Living* magazine; and (v) mailed a copy of the abbreviated notice that appeared in *Kentucky Living* magazine to those Clark Energy members who do not receive the publication. Clark Energy will file Proof of Notice within forty-five (45) days of the submission of its Application, as required by 807 KAR 5:001, Section 17(3). A copy of both the full notice and the abbreviated notice are attached.

Case No. 2020-00104
Application - Exhibit 4
Includes Attachment (3 pages)

NOTICE

Clark Energy Cooperative, Inc. (“Clark Energy”) intends to propose a general adjustment of its existing rates by filing an application with the Kentucky Public Service Commission (“KPSC”) on May 1, 2020, in Case No. 2020-00104. The application will request that the proposed rates become effective June 1, 2020. Clark Energy intends to propose an adjustment only to certain rates customers. The present and proposed rates for each customer classification to which the proposed rates will apply are set forth below:

Rate Class	Rates	
	Present	Proposed
R Residential		
Facility Charge Per Month	\$12.43	\$18.00
Energy Charge Per kWh (all kWh)	\$0.08832	\$0.08608
PrePay Service Rider (for Residential)		
Facility Charge Per Month	\$12.43	\$18.00
Energy Charge Per kWh (all kWh)	\$0.08832	\$0.08608
D Time Of Use Marketing Service		
Energy Charge Per kWh (all kWh)	\$0.05634	\$0.06264
<i>No Proposed Revisions:</i>		
C General Power Service < 50kW		
Facility Charge 1Ph (per month)	\$25.33	\$25.33
Facility Charge 3Ph (per month)	\$50.14	\$50.14
Energy Charge (per kWh)	\$0.09474	\$0.09474
E Public Facilities		
Facility Charge (per month)	\$16.57	\$16.57
Energy Charge (per kWh)	0.09526	0.09526
L General Power Service 50-500kW		
Facility Charge (per month)	\$63.81	\$63.81
Energy Charge (per kWh)	\$0.06721	\$0.06721
Demand Charge (per kW)	\$6.47	\$6.47
M General Power Service 1000-5000kW		
Facility Charge (per month)	\$0.00	\$0.00
Energy Charge (per kWh)	\$0.06045	\$0.06045
Demand Charge (per kW)	\$10.07	\$10.07
P General Power Service 500+kW		
Facility Charge (per month)	\$86.88	\$86.88
Energy Charge (per kWh)	\$0.05705	\$0.05705
Demand Charge (per kW)	\$6.21	\$6.21
Rate T - Outdoor Lights		
400 W	\$17.03	\$17.03
Rate S - Outdoor Lights		
175 W	\$9.34	\$9.34
Rate O - LED Outdoor Lighting Facilities		
Open Bottom Light (4,800-6,800 Lumens)	\$9.49	\$9.49
Cobra Head Light (7,200 - 10,000 Lumens)	\$14.60	\$14.60
Directional Flood Light (15,000 - 18,000 Lumens)	\$21.81	\$21.81
Ornamental Light w/Pole (4,800 - 6,800 Lumens)	\$20.18	\$20.18
Additional Pole (30' Wood / if no existing pole available)	\$5.54	\$5.54

The amount of the change requested in both dollar amounts and percentage change for each customer classification to which the proposed rates will apply is set forth below:

Rate Class	Dollars	Percent
R Residential	\$912,324	2.65%
D Time Of Use Marketing Service	\$4,518	11.84%
C General Power Service < 50kW	\$0	0%
E Public Facilities	\$0	0%
L General Power Service 50-500kW	\$0	0%
M General Power Service 1000-5000kW	\$0	0%
P General Power Service 500+kW	\$0	0%
Lighting	\$0	0%
Total	\$916,842	2.00%

*Lighting includes Rate Classes T, S and O

The amount of the average usage and the effect upon the average bill for each customer classification to which the proposed rates will apply is set forth below:

Rate Class	Average Usage (kWh)	Increase	
		Dollars	Percent
R Residential	1,103	\$3.09	2.65%
D Time Of Use Marketing Service	371	\$2.34	11.84%
C General Power Service < 50kW	1,442	\$0.00	0%
E Public Facilities	1,110	\$0.00	0%
L General Power Service 50-500kW	29,113	\$0.00	0%
M General Power Service 1000-5000kW	874,841	\$0.00	0%
P General Power Service 500+kW	136,842	\$0.00	0%
Lighting	NA	\$0.00	0%
Total	NA	\$0.00	2.00%

*Lighting includes Rate Classes T, S and O

A person may examine the application and any related documents Clark Energy has filed with the KPSC: (i) at the utility's principal office address of 2640 Iron Works Road, Winchester Kentucky 40391, during normal business hours; (ii) at the KPSC's offices located at 211 Sower Boulevard, Frankfort, Kentucky 40601, Monday through Friday, 8:00 a.m. to 4:30 p.m.; or (iii) through the Public Service Commission's website at <http://psc.ky.gov>. Additional information and links may also be accessed via Clark Energy's website (<http://www.clarkenergy.com/>) and social media (Facebook <https://www.facebook.com/clarkenergycoop> and Twitter [@clarkenergy](https://twitter.com/clarkenergy)).

A person may submit a timely written request for intervention to the Public Service Commission, Post Office Box 615, Frankfort, Kentucky 40602, establishing the grounds for the request including the status and interest of the party. The Commission is required to take action on Clark Energy's application within 75 days of its filing. Comments regarding the application may be submitted to the Public Service Commission through its Web site or by mail to Public Service Commission, Post Office Box 615, Frankfort, Kentucky 40602. The rates contained in this notice are the rates proposed by Clark Energy but the Public Service Commission may order rates to be charged that differ from the proposed rates contained in this notice.

NOTICE

Clark Energy Cooperative, Inc. ("Clark Energy") intends to propose a general adjustment of its existing rates by filing an application with the Kentucky Public Service Commission ("KPSC") on May 1, 2020 in Case No. 2020-00104. The application will request that the proposed rates become effective June 1, 2020.

Clark Energy intends to propose an adjustment only to certain rates. The present and proposed rates for each customer classification to which the proposed rates will apply are set forth below:

Rate Class	Rates	
	Present	Proposed
Schedule R: Residential Service		
Facility Charge Per Month	\$12.43	\$18.00
Energy Charge Per kWh (all kWh)	\$0.08832	\$0.08608
PrePay Service Rider (for Residential)		
Facility Charge Per Month	\$12.43	\$18.00
Energy Charge Per kWh (all kWh)	\$0.08832	\$0.08608
Service Fee	\$5.00	\$5.00
Schedule D: Time of Use Marketing Service		
Energy Charge Per kWh (all kWh)	\$0.05634	\$0.06264

No revisions are proposed to any other charges or Rate Schedules.

The amount of the change requested in both dollar amounts and percentage change for each customer classification to which the proposed rates will apply is set forth below:

Rate Class	Increase	
	Dollars	Percent
R Residential	\$912,324	2.65%
D Time Of Use Marketing Service	\$4,518	11.84%
Total Impact to Clark Energy's Revenues	\$916,842	2.00%

Additional information, links, and a copy of Clark Energy's full notice concerning its proposed rate adjustment can be found at Clark Energy's principal offices (2640 Iron Works Road Winchester, KY 40391), its website (<http://www.clarkenergy.com/>), and via social media (Facebook <https://www.facebook.com/clarkenergycoop> and Twitter [@clarkenergy](https://twitter.com/clarkenergy)).

A person may submit a timely written request for intervention to the KPSC, 211 Sower Boulevard, Post Office Box 615, Frankfort, Kentucky 40602, establishing the grounds for the request including the status and interest of the party. The KPSC's phone number is (502) 564-3940 and its website is <http://psc.ky.gov>. The Commission is required to take action on Clark Energy's application within 75 days of its filing. The rates contained in this notice are the rates proposed by Clark Energy but the Public Service Commission may order rates to be charged that differ from the proposed rates contained in this notice.

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 5

807 KAR 5:001 Sec. 16(2) / KRS 278.180
Sponsoring Witness: Cbris Brewer

Description of Filing Requirement:

Notice of intent. A utility with gross annual revenues greater than \$5,000,000 shall notify the commission in writing of its intent to file a rate application at least thirty (30) days, but not more than sixty (60) days, prior to filing its application.

(a) The notice of intent shall state if the rate application will be supported by a historical test period or a fully forecasted test period.

(b) Upon filing the notice of intent, an application may be made to the commission for permission to use an abbreviated form of newspaper notice of proposed rate increases provided the notice includes a coupon that may be used to obtain a copy from the applicant of the full schedule of increases or rate changes.

(c) Upon filing the notice of intent with the commission, the applicant shall mail to the Attorney General's Office of Rate Intervention a copy of the notice of intent or send by electronic mail in a portable document format, to rateintervention@ag.ky.gov.

Response:

Clark Energy, by counsel, notified the Commission in writing of its intent to file a rate application using a historical test year by letter dated March 26, 2020. A copy of this letter (in portable document format) was also sent by electronic mail to rateintervention@ag.ky.gov. Please see attached.

**Goss
Samford**

ATTORNEYS AT LAW | PLLC

David S. Samford
david@gosssamfordlaw.com
(859) 368-7740

March 26, 2020

Via Email

Mr. Kent Chandler
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, KY 40602

Re: *IN THE MATTER OF: THE ELECTRONIC APPLICATION OF CLARK ENERGY COOPERATIVE, INC. FOR A GENERAL ADJUSTMENT OF RATES PURSUANT TO STREAMLINED PROCEDURE PILOT PROGRAM ESTABLISHED IN CASE NO. 2018-00407; Case No. 2020-00_____*

Dear Mr. Chandler:

Please be advised that this law firm represents Clark Energy Cooperative, Inc. ("Clark Energy") in connection with the above-referenced matter. In accordance with 807 KAR 5:001 Section 16(2), please accept this correspondence as written notification from Clark Energy to the Kentucky Public Service Commission that, no sooner than thirty (30) days and no later than sixty (60) from your receipt of this letter, Clark Energy intends to file an application requesting a general adjustment of its existing rates pursuant to the streamlined procedure pilot program outlined in the Commission's Orders entered December 11, 2018, March 26, 2019 and December 20, 2019 in Case No. 2018-00407. Consistent with those Orders and 807 KAR 5:001 Section 16(2)(a), Clark Energy states that its rate application will be supported by a historical test year ended December 31, 2019.

Finally, please find enclosed a completed Notice of Election of Use of Electronic Filing Procedures. I appreciate your assistance with this matter, and please do not hesitate to contact me with any questions or concerns.

Respectfully submitted,



David S. Samford

cc: Attorney General's Office of Rate Intervention
via email: rateintervention@ag.ky.gov

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 6

807 KAR 5:001 Sec. 16(4)(a)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

A complete description and quantified explanation for all proposed adjustments with proper support for proposed changes in price or activity levels, if applicable, and other factors that may affect the adjustment

Response:

A complete description and qualified explanation for all proposed rate adjustments are contained in the Application and Exhibits filed by Clark Energy. Please also see the testimony of John Wolfram provided at Exhibit 9 and, in particular, Exhibit JW-2 thereof.

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 7

807 KAR 5:001 Sec. 16(4)(b)
Sponsoring Witness: Chris Brewer

Description of Filing Requirement:

If the utility has gross annual revenues greater than \$5,000,000, the written testimony of each witness the utility proposes to use to support its application.

Response:

In support of its Application, Clark Energy provides written testimony from three (3) witnesses:

- Mr. Chris Brewer, Clark Energy's President and Chief Executive Officer, whose testimony is included with this Exhibit 7;
- Ms. Holly S. Eades, Clark Energy's Vice President of Finance, whose testimony is included at Exhibit 8; and
- Mr. John Wolfram, expert consultant with Catalyst Consulting LLC, whose testimony is included at Exhibit 9.

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE ELECTRONIC APPLICATION OF)
CLARK ENERGY COOPERATIVE, INC.)
FOR A GENERAL ADJUSTMENT OF) Case No. 2020-00104
RATES PURSUANT TO STREAMLINED)
PROCEDURE PILOT PROGRAM)
ESTABLISHED IN CASE NO. 2018-00407)

**DIRECT TESTIMONY OF ROBERT C. BREWER,
PRESIDENT AND CHIEF EXECUTIVE OFFICER,
ON BEHALF OF CLARK ENERGY COOPERATIVE, INC.**

Filed: May 1, 2020

1 **Q. PLEASE STATE YOUR NAME, POSITION, AND BUSINESS ADDRESS.**

2 A. My name is Robert Christopher Brewer. I usually go by Chris. I am the President
3 and Chief Executive Officer of Clark Energy Cooperative, Inc. (“Clark Energy” or
4 the “Cooperative”). My business address is 2640 Iron Works Road, Winchester,
5 Kentucky 40392.

6 **Q. PLEASE BRIEFLY DESCRIBE YOUR PROFESSIONAL EXPERIENCE**
7 **AND EDUCATIONAL BACKGROUND.**

8 A. I received a Bachelor of Science Degree in Electrical Engineering from the
9 University of Kentucky in 1990. I also graduated from NRECA’s Management
10 Internship Program in Lincoln, Nebraska in 2000. I assumed my current position of
11 President & CEO of Clark Energy in December of 2014. Prior to working at Clark
12 Energy I worked for the old Fox Creek RECC and then Blue Grass Energy. I started
13 working at Fox Creek RECC in 1990 as an engineer and then became the Manager
14 of Engineering responsible for engineering functions working there until a
15 consolidation formed Blue Grass Energy in 1998. While working at Blue Grass
16 Energy I was the Manager of Engineering responsible for all of the engineering and
17 planning functions of the cooperative. I was then promoted to the Vice President of
18 Engineering responsible for all engineering functions and ultimately promoted to
19 the Vice President of Power Delivery responsible for all Engineering functions and
20 additional areas of contractor right of way, construction contractors and of the IT
21 functions of the company. I am a licensed Professional Engineer and a member of
22 Institute of Electrical and Electronics Engineers. I have previously served on
23 multiple State and National Engineering committees.

1 **Q. PLEASE BRIEFLY DESCRIBE YOUR DUTIES AT CLARK ENERGY.**

2 A. As the Chief Executive Officer, I oversee all departments at Clark Energy and lead
3 an experienced team responsible for the overall operational and financial success
4 of the organization. My primary duty is to ensure that the Cooperative's activities
5 are completed consistent with good business practices, established policies,
6 regulatory oversight and the direction provided by Clark Energy's Board of
7 Directors.

8 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS**
9 **PROCEEDING?**

10 A. The purpose of my testimony is first to provide a general overview of the
11 Cooperative's business and existing retail electric distribution system. I will also
12 describe the events that preceded the filing of this case, the Cooperative's financial
13 and operational condition and the reasons behind our need to adjust existing rates
14 to ensure the continued provision of safe, reliable retail electric service to our
15 members.

16 **Q. ARE YOU SPONSORING ANY EXHIBITS?**

17 A. Yes. Attached to my testimony and labeled Exhibit RCB-1 is a Resolution of Clark
18 Energy's Board of Directors dated February 25, 2020, pursuant to which Clark
19 Energy's management was authorized and directed to prepare and submit the
20 Application my testimony supports.

21 **Q. PLEASE GENERALLY DESCRIBE THE COOPERATIVE'S BUSINESS.**

22 A. Clark Energy is a not-for-profit, member-owned rural electric cooperative
23 corporation established under KRS Chapter 279 with its headquarters in

1 Winchester, Kentucky. The Cooperative provides retail electric service to
2 approximately 26,000 customers in all or a portion of Bath, Bourbon, Clark, Estill,
3 Fayette, Madison, Menifee, Montgomery, Morgan, Powell and Rowan Counties.
4 The Cooperative is one of sixteen (16) Owner-Members of East Kentucky Power
5 Cooperative, Inc. (“EKPC”), which serves as the wholesale electricity provider for
6 the Cooperative. Clark Energy owns and maintains approximately 2,317 miles of
7 distribution lines connecting 24 substations. During the test year in this case, Clark
8 Energy’s average residential customer used approximately 1,200 kWh per month.
9 As of December 31, 2019, Clark Energy had 24,901 residential customers, 1,856
10 commercial and industrial customers and 25 public street and lighting customers.

11 **Q. WHEN DID CLARK ENERGY LAST SEEK A GENERAL ADJUSTMENT**
12 **OF ITS RATES?**

13 A. Clark Energy last sought a general adjustment of its rates and a complete tariff
14 revision in Case No. 2009-00314, *In the Matter of: Application of Clark Energy*
15 *Cooperative, Inc. for an Adjustment of Rates*. The rates approved in that case
16 become effective on April 16, 2010. Of course, there have been impacts to our
17 customers’ rates as a result of ordinary and recurring changes in the Environmental
18 Surcharge Mechanism and Fuel Adjustment Clause that we pass-on to customers
19 based upon charges from EKPC, as well as an EKPC wholesale rate adjustment,
20 however, these changes – whether positive or negative – are effectively beyond
21 Clark Energy’s control. We are very proud of the fact that we have been able to
22 successfully manage our costs and avoid having an increase in our customers’
23 electric rates for nearly a full decade.

1 I would also like to point out that in our last rate case, we increased our customer
2 charge from \$5.84 to \$12.43 per month for a residential customer. Given that our
3 system is dominated by residential customer load, and that load can be volatile from
4 year to year based upon weather patterns, increasing the customer charge has helped
5 us achieve more stable revenues than what we would likely have seen with the
6 smaller customer charge. In other words, increasing the residential customer charge
7 in 2010 is another factor that has helped us avoid the need for a more immediate
8 base rate case.

9 **Q. PLEASE DESCRIBE IN DETAIL IMPORTANT CHANGES THAT HAVE**
10 **OCCURRED AT THE COOPERATIVE SINCE THE EFFECTIVE DATE**
11 **OF ITS 2010 GENERAL BASE RATE ADJUSTMENT.**

12 A. There are several things to discuss here. First, we have seen very limited growth in
13 our service territory. We have only added 557 customers over a ten-year period.
14 That equates to a levelized growth rate of approximately 0.21% per year. Not
15 surprisingly, our annual energy sales have also remained essentially flat. In 2009,
16 we had approximately 444,405.3 in total MWh purchases from EKPC. In 2019, we
17 purchased approximately 451,191.8 MWh. With little growth, it is difficult to
18 offset the normal inflationary pressures of commerce that tend to drive operating
19 expenses up over time.

20 Nevertheless, we have been diligent in looking for ways to serve our
21 customers more efficiently. In Case No. 2016-00220, the Commission granted
22 Clark Energy a Certificate of Public Convenience and Necessity to install an

1 advanced metering infrastructure (“AMI”) system.¹ At a cost of approximately
2 \$2,859,879, the project is ongoing, and we are now in the meter replacement based
3 on attrition phase of the project. The AMI system allows the Cooperative to be more
4 efficient in managing customer accounts while also providing customers with
5 expanded service offerings such as Pre-Pay accounts, which we implemented as
6 part of Case No. 2019-00011.²

7 We have also been very judicious in our approach to staffing. In 2009, we
8 had 53 full-time employees and three part-time employees. In 2019, our employee
9 count had been reduced to 48 full-time employees and one part-time employee.

10 Clark Energy has done a good job of mitigating cost increases across all
11 areas of its business, as evidenced by the length of time between general rate
12 adjustments. The Cooperative has also been assisted by virtue of EKPC, our
13 wholesale power supplier, not raising rates for several years. However, over time,
14 basic costs have increased resulting in decreased financial metrics such as our
15 Times Interest Earnings Ratio (“TIER”) and Operating Times Interest Earnings
16 Ratio (“OTIER”). Clark Energy now finds itself needing to obtain a modest rate
17 increase to maintain its financial integrity and avoid a scenario where it would be
18 in default of its credit requirements.

¹ See *In the Matter of the Application of Clark Energy Cooperative, Inc. or a Certificate of Public Convenience and Necessity to Install an Advanced Metering Infrastructure (AMI) System*, Order, Case No. 2016-00220 (Ky. P.S.C. Dec. 22, 2016).

² See *In the Matter of the Application of Clark Energy Cooperative, Inc. for Approval of a Prepaid Metering Tariff*, Order, Case No. 2019-00011 (Ky. P.S.C. July 10, 2019).

1 **Q. PLEASE DESCRIBE SOME SIGNIFICANT COST-CONTAINMENT**
2 **MEASURES THE COOPERATIVE HAS TAKEN TO AVOID OR**
3 **MINIMIZE AN INCREASE OF ITS RATES.**

4 A. Clark Energy's Board of Directors and management have put several cost-
5 containment measures in place in recent years. In particular, we have focused a lot
6 of time and attention on benefits. For instance, we took three significant actions
7 with regard to our Retirements and Savings ("R&S" Plan). First, we removed cost
8 of living adjustments from the R&S Plan in 2016. Second, in 2013 we made a
9 prepayment to the R&S Plan that lowered future billing rates. Finally, for new hires
10 after December 2015, we lowered the R&S benefit level from 2.0 to 1.75.

11 We have also been able to achieve significant savings in our health
12 insurance expense. In 2011, we moved from the health plan sponsored by the
13 National Rural Electric Cooperative Association ("NRECA") to a self-insured plan
14 offered by Kentucky Rural Electric Cooperatives ("KREC"). In 2010, just prior to
15 making the switch, Clark Energy's portion of the employees' health insurance plan
16 was \$615,194. However, nine years later, our total contribution to the health
17 insurance plan was only \$480,894. Given the significant increases in the health
18 insurance marketplace, these savings, which we have enjoyed each year since
19 making the switch, have gone a long way towards helping us avoid the need for a
20 rate increase.

21 In addition to the savings realized from the switch from NRECA to KREC,
22 we have made other changes to help reduce our healthcare insurance expense. To
23 illustrate, we changed our policy so that any employee hired on or after January 1,

1 2016 will no longer be eligible for post-retirement insurance coverage. We also
2 now require current employees to be 55 years of age before claiming health
3 insurance coverage as a retiree. Likewise, we moved our Medicare retirees' health
4 insurance plans from KREC to Humana, which resulted in additional savings for
5 both Clark Energy and its retirees. These decisions have saved over \$73,000 per
6 year since implementation. As described more fully in the testimony of Ms. Eades,
7 Clark Energy has also saved money by increasing deductibles for health insurance
8 and implementing a policy whereby all employees are making contributions
9 towards monthly health insurance premiums.

10 **Q. WHAT OTHER EFFORTS HAS CLARK ENERGY MADE TO CONTROL**
11 **COSTS?**

12 A. There are several other things we have done to help control costs at Clark Energy.
13 For instance, we have gained efficiencies from implementation of a GPS/inventory
14 project. This project has allowed us to more efficiently route personal not only on
15 a day to day basis but also during power outage situations. As part of this project
16 we now have identifying tags on all Clark Energy poles with a unique number and
17 “Clark Energy” on every tag. We are also utilizing contractors where it makes
18 sense to do so instead of adding a new full-time employee. Along with this, we
19 also make a concentrated effort to cross-train employees This helps us better
20 manage seasonal work and make sure that our full-time workforce is fully engaged
21 while being able to reduce our overall employee headcount. Something else that I
22 am proud of is our ability to perform regular maintenance on most of our
23 Cooperative vehicles using in-house resources and expertise. In addition, Clark

1 Energy is optimizing its fleet management and several of our service employees are
2 doing more in the way of maintenance work.

3 **Q. HAVE THESE EFFORTS BEEN EFFECTIVE?**

4 A. Yes. In the most recent Key Ratio Trend Analysis, which covered 2018, our
5 rankings have improved in “Total Controllable Expenses Per Consumer” in each
6 sample group – national, state, consumer and major current power. While this is a
7 good measure of our competitiveness in relation to other cooperatives, the
8 comparison that many of our customers typically make is how our rates compare to
9 Kentucky Utilities Company (“KU”), which is the utility whose service territory is
10 most contiguous to ours. Our analysis shows that we have done very well over the
11 past decade and our rates are now lower than KU’s for the average residential
12 customer who consumes 1,200 KWh of electricity in an average month. To
13 illustrate this, we calculate that in 2009 a Clark Energy residential customer would
14 have paid \$115.74 for 1,200 KWhs of electricity and a KU residential customer
15 would have paid \$73.59. That equates to a \$42.14, or 57.27%, difference. As KU’s
16 rates have increased through a series of five base rates cases in the past decade, a
17 residential customer would now pay KU \$125.34 for 1,200 KWhs of electricity, but
18 only \$118.41 to Clark Energy. Thus, on average, Clark Energy is now \$6.93, or
19 5.53%, cheaper than KU currently. And even with the modest rate increase we are
20 proposing in this case, the average residential customer’s monthly bill will only
21 increase by \$3.09 per month. This means that we should retain a competitive
22 advantage in terms of overall costs to residential customers even if KU does not
23 increase its rates.

1 **Q. DESPITE THESE EFFORTS, WHAT ARE THE PRINCIPAL REASONS**
2 **THAT AN ADJUSTMENT OF CLARK ENERGY'S RATES IS**
3 **NECESSARY?**

4 A. Clark Energy's cost-cutting efforts have put off the need to increase rates for several
5 years, however, inflationary pressures eventually exceed our ability to avoid a
6 modest rate increase. Moreover, we believe there is a need to reassess the design
7 of rates to assure that the Company's financial performance is less influenced by
8 weather and earnings volatility is mitigated. As demonstrated in the Cost of
9 Service Study conducted by the Cooperative's expert consultant, Mr. John
10 Wolfram, it is advisable for Clark Energy to increase its customer charge while
11 simultaneously reducing its energy charge.

12 **Q. HOW AND WHEN DID THE COOPERATIVE'S BOARD OF DIRECTORS**
13 **DETERMINE THAT A RATE ADJUSTMENT WAS NECESSARY?**

14 A. Clark Energy's Board of Directors, in conjunction with the Cooperative's
15 management, regularly monitors the performance and financial metrics of the
16 Cooperative. Although there was an anomalous jump in 2018, our TIER and
17 OTIER have continued to decline in recent years and are below where they need to
18 be keep the Company financially healthy. Management has updated the Board
19 consistently in the past year on these falling metrics. The Board has been aware
20 that a rate increase was inevitable, particularly since it has been a decade since our
21 rates last changed. After discussion at our January meeting, the Board unanimously
22 adopted the resolution for a modest general rate adjustment, not to exceed two
23 percent (2%), at our February meeting.

1 **Q. DID THE COOPERATIVE'S BOARD OF DIRECTORS APPROVE AND**
2 **AUTHORIZE THE FILING OF THE APPLICATION IN THIS CASE?**

3 A. Yes. By formal Resolution of the Board of Directors dated February 25, 2020, the
4 management of Clark Energy was directed to seek the rate relief requested in this
5 case. The Board Resolution was the culmination of an ongoing deliberative process
6 involving expert financial and legal guidance and extensive examination of the
7 Cooperative's financial condition. I believe the Application and supporting
8 documents filed in this case strongly support the necessary rate relief Clark Energy
9 now seeks.

10 **Q. COULD CLARK ENERGY JUSTIFY A HIGHER RATE INCREASE THAN**
11 **WHAT IT IS PROPOSING IN THIS CASE?**

12 A. Yes. Although the streamlined rate case procedure caps a rate request at 4.0%,
13 what Clark Energy's pro forma test year demonstrates is that using a 1.85 target for
14 OTIER would result in an increase in the revenue requirement of \$1,051,816, or
15 2.42%. Thus, Clark Energy's request of \$916,755 is about \$135,000 less than what
16 could be authorized under a 1.85 OTIER. However, Clark Energy's Board chose
17 to impose its own 2.0% cap on a rate increase in order to minimize the impact to
18 our Members. While we believe the request should be approved as filed, if the
19 Commission does make any downward adjustments we would respectfully request
20 that it also consider including other legitimate expenses that Clark Energy has
21 foregone to stay under the 2.0% cap. Stated another way, while Clark Energy is
22 willing to ask for less than what it may be entitled to using a 1.85 OTIER target for
23 revenue, if it receives less than a 2.0% increase, it is more likely that Clark Energy

1 would need to next avail itself of the streamline rate case process sooner than it
2 would otherwise prefer.

3 **Q. PLEASE EXPLAIN THE DECISION BY CLARK ENERGY TO PURSUE A**
4 **RATE ADJUSTMENT UTILIZING THE COMMISSION'S**
5 **STREAMLINED PROCEDURE PILOT PROGRAM.**

6 A. Clark Energy appreciates the deliberative and methodical approach that the
7 Commission has taken with regard to implementing the Streamlined Rate Case
8 Pilot Program for distribution cooperatives. We watched as both Jackson Energy
9 and Jackson Purchase Electric Cooperative used the streamlined procedures in
10 2019. We also appreciate the Commission's additional guidance issued on
11 December 20, 2020 as it helped to inform our thinking on whether to use the
12 streamlined rate case.

13 **Q. IN THE COMMISSION'S DECEMBER 20, 2019 ORDER IN CASE NO.**
14 **2018-00407, IT SAYS THAT A COOPERATIVE THAT HAS NOT HAD A**
15 **BASE RATE CASE WITHIN THE LAST FIVE YEARS SHOULD EXPLAIN**
16 **IN DETAIL WHY IT BELIEVES THE STREAMLINED RATE CASE**
17 **PROCEDURE IS APPROPRIATE. HOW WOULD YOU RESPOND TO**
18 **THAT IN THIS CASE?**

19 A. There have been very few changes to Clark Energy's profile since our last base rate
20 case in 2009-2010. Customer growth has averaged well below 1% per year. Our
21 energy sales have been essentially flat. Our Operations and Maintenance ("O&M")
22 expense increased from approximately \$36 million in 2009 to \$43 million in 2014,
23 however, our cost control efforts have helped these costs to generally trend

1 downward over the past five years and our total O&M expense for the test year was
2 approximately \$39.7 million. We have been aggressive controlling our
3 discretionary costs and we have improved our competitive standing when measured
4 against other cooperatives and KU.

5 Clark Energy believes that it has fully complied with each of the automatic
6 adjustments set forth in the Commission's streamlined rate case guidance and
7 accepts each of the parameters listed therein. We are purposefully limiting the size
8 and scope of its streamlined application to a 2.0% increase even though more may
9 be justifiable under a higher target OTIER. Likewise, we are not proposing any
10 substantive changes to our other tariffs and we are not seeking to implement the
11 Kentucky General Assembly's recent enactment of amendments to the net metering
12 statutes at this time. There are no requests for a Certificate of Public Convenience
13 and Necessity associated with this request.

14 While a traditional rate case would certainly yield more time, expense and
15 data, it is unlikely that it would add any material insights to that which can already
16 be gained from the Application and supporting exhibits filed in this case. The
17 investments in plant that have taken place since the Cooperative's last rate case
18 have all been performed in accordance with Work Plans provided to the
19 Commission and approved through RUS. There are no meaningful additions to
20 Clark Energy's rate base which would affect its depreciation calculations. The
21 remaining information which is exempt from disclosure under the streamlined rate
22 case process is largely inconsequential to Clark Energy in any event. Moreover,
23 the financial information that is directly relevant to Clark Energy's request is either

1 already included in the rate study and cost of service study provided by Mr.
2 Wolfram or the other exhibits to the Application. Finally, the costs of presenting a
3 streamlined rate case are significantly below those associated with the traditional
4 rate case procedure which affords another opportunity to save Members' money.

5 While I certainly do not wish to minimize the significance or importance of
6 a modest 2.0% increase in rates, I believe it would still be fair to characterize Clark
7 Energy's proposal as measured, balanced and prudent. As I understand it, this is
8 exactly the type of situation that is the ideal candidate for utilizing the streamlined
9 rate case procedure.

10 **Q. WHY SHOULD THE COMMISSION GRANT THE COOPERATIVE'S**
11 **REQUESTED RELIEF?**

12 A. Clark Energy's request will help it ensure that its financial integrity is maintained
13 in order to provide its member-owners with adequate, efficient and reliable power
14 at a fair, just and reasonable cost. The requested 2.00% rate increase is less than
15 what Clark Energy could request under both the streamlined rate case 4.0% cap and
16 a 1.85 OTIER. Moreover, given that our system is overwhelmingly composed of
17 residential customers, the move towards a more cost-based customer charge is
18 appropriate. Clark Energy's request in this case is reasonable, necessary and
19 supported by sound cost of service analyses.

20 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

21 A. Yes.

Case No. 2020-00104
Application Exhibit 7

Direct Testimony of
Robert C. Brewer
Exhibit RCB-1

CLARK ENERGY COOPERATIVE, INC.

RESOLUTION 2020-5

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
CLARK ENERGY COOPERATIVE, INC. AUTHORIZING THE
COOPERATIVE'S APPLICATION TO THE PSC FOR AN
ADJUSTMENT TO ITS RESIDENTIAL ELECTRIC RATE
AND FACILITY CHARGE**

WHEREAS, Clark Energy Cooperative, Inc. ("Clark") is owned by the members it serves, and its purpose is to provide safe, efficient, and reliable electric service at rates and on terms that are fair, just, and reasonable; and

WHEREAS, the leadership and management of Clark have closely monitored the cooperative's financial condition and, despite staff's efforts to reduce expenses and further delay an application for an increase, it has become apparent to Clark's board of directors that seeking and obtaining additional revenue from Clark's residential rate and facility charge is a prudent and necessary course of action; and

WHEREAS, the board of directors has solicited, obtained, and reviewed the recommendations of management, whose consultants' work supports the request for adjustment of the residential electric rate and facility charge authorized herein;

NOW THEREFORE, BE IT RESOLVED by the board of directors of Clark Energy Cooperative, Inc. that Clark Energy Cooperative, Inc. hereby authorizes and directs its management to prepare and

submit an application to the Kentucky Public Service Commission-- under its streamlined rate adjustment process--seeking an adjustment to both (A) its base residential electric rate and (B) its residential facility charge, the facility charge to be adjusted to an amount no greater than EIGHTEEN AND NO/100 DOLLARS (\$18.00), and the overall adjustments to result in an increase not exceeding two percent (2%) of the cooperative's electric revenue, with such adjustments to be effective as soon as the Kentucky Public Service Commission may order; and

BE IT FURTHER RESOLVED that the management of Clark Energy Cooperative, Inc. is authorized to take any and all actions necessary or advisable in connection with the application for the rate and facility charge adjustments hereby authorized and approved.

Introduced upon motion made by Director YOLLEN, seconded by Director WELLS, and passed by majority vote of the board of directors of Clark Energy Cooperative, Inc. in duly assembled session at its regular meeting this 25th day of February, 2020.



CHAIRMAN OF THE BOARD

ATTEST:



SECRETARY

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 8

807 KAR 5:001 Sec. 16(4)(b)
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

If the utility has gross annual revenues greater than \$5,000,000, the written testimony of each witness the utility proposes to use to support its application.

Response:

In support of its Application, Clark Energy provides written testimony from three (3) witnesses:

- Mr. Chris Brewer, Clark Energy's President and Chief Executive Officer, whose testimony is included at Exhibit 7;
- Ms. Holly S. Eades, Clark Energy's Vice President of Finance, whose testimony is included with this Exhibit 8; and
- Mr. John Wolfram, expert consultant with Catalyst Consulting LLC, whose testimony is included at Exhibit 9.

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE ELECTRONIC APPLICATION OF)	
CLARK ENERGY COOPERATIVE, INC.)	
FOR A GENERAL ADJUSTMENT OF)	Case No. 2020-00104
RATES PURSUANT TO STREAMLINED)	
PROCEDURE PILOT PROGRAM)	
ESTABLISHED IN CASE NO. 2018-00407)	

DIRECT TESTIMONY OF HOLLY S. EADES,
VICE PRESIDENT OF FINANCE
ON BEHALF OF CLARK ENERGY COOPERATIVE, INC.

Filed: May 1, 2020

1 **Q. PLEASE STATE YOUR NAME, POSITION, AND BUSINESS ADDRESS.**

2 A. My name is Holly S. Eades and I serve as Vice President of Finance for Clark
3 Energy Electric Cooperative (“Clark Energy” or the “Cooperative”). My business
4 address is 2640 Iron Works Road, Winchester, Kentucky 40392.

5 **Q. PLEASE BRIEFLY DESCRIBE YOUR EDUCATION AND**
6 **PROFESSIONAL EXPERIENCE.**

7 A. I have an Associate Degree in Accounting and I have been employed by Clark
8 Energy since August, 1982. I have managed the consumer billing and accounting
9 departments since 1994.

10 **Q. PLEASE BRIEFLY DESCRIBE YOUR DUTIES AT THE COOPERATIVE.**

11 A. In my role as Vice President of Finance at Clark Energy, I am responsible for all
12 billing, finance, accounting and regulatory activities for the Cooperative. This
13 includes managing Clark Energy’s debt portfolio through regular communication
14 with representatives of Rural Utilities Service (“RUS”), Cooperative Finance
15 Corporation (“CFC”) and Federal Financing Bank (“FFB”).

16 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS**
17 **PROCEEDING?**

18 A. The purpose of my testimony is first to provide a general overview of the
19 Cooperative’s financial health. I will discuss notable financial metrics and detail
20 certain expense categories, as well as describe the Cooperative’s debt portfolio,
21 depreciation practices, labor expenses, and various other relevant matters. Finally,
22 I will summarize and underscore the necessity of the rate relief requested by Clark
23 Energy in this processing.

1 **Q. ARE YOU SPONSORING ANY EXHIBITS?**

2 A. Yes. Attached to my testimony is Exhibit HSE-1, a detailed summary of Clark
3 Energy's relevant historical metrics, and Exhibit HSE-2, a copy of Clark Energy's
4 April 2019 Audited Financial Statements.

5 **Q. ARE YOU FAMILIAR WITH THE APPLICATION AND SUPPORTING**
6 **EXHIBITS FILED BY CLARK ENERGY IN THIS CASE?**

7 A. Yes, I am familiar with the documents filed in support of the Application and have
8 been closely involved in compiling and analyzing the necessary information with
9 Clark Energy's expert consultant, Mr. John Wolfram of Catalyst Consulting LLC,
10 so that he could complete his Cost of Service Study ("COSS"). Examples of the
11 types of information I have reviewed and provided to Mr. Wolfram included
12 income and expense data for the test year, customer usage data for Clark Energy's
13 several rate classes, and various categories of information utilized to prepare all pro
14 forma adjustments and COSS reports and exhibits.

15 **Q. PLEASE GENERALLY DESCRIBE THE RELIEF SOUGHT BY CLARK**
16 **ENERGY IN THIS PROCEEDING.**

17 A. Clark Energy is requesting to increase its rates in order to earn an additional
18 \$916,755 annually. This proposed rate increase is then allocated to increase the
19 customer charge for our Residential customer class from \$12.43 to \$18.00 per
20 month while also reducing our per KWh energy charge for Residential customers
21 and slightly increasing the off peak per KWh energy charge for Residential TOU
22 customers. Clark Energy is not proposing any changes to the rates for its General
23 Power Service, Public Facilities and Lighting customers.

1 **Q. WHY IS CLARK ENERGY REQUESTING THIS ALLOCATION OF THE**
2 **REVENUE REQUIREMENT?**

3 A. Fundamentally, Clark Energy requests approval to adjust the rates for service paid
4 by its residential customers in order to more accurately reflect the cost to the
5 Cooperative to serve those customers. As further evidenced by Mr. Wolfram’s
6 testimony, Members served under our General Power Service, Public Facilities and
7 Lighting rates currently have a positive rate of return on rate base while our
8 Residential and Residential TOU rates have a negative rate of return on rate base.

9 **Q. IS THE COOPERATIVE’S APPLICATION SUPPORTED BY A**
10 **HISTORICAL TEST YEAR?**

11 A. Yes, the test year in this case consists of the twelve (12) month period ending
12 December 31, 2019.

13 **Q. WHY WAS THE PERIOD OF JANUARY 1, 2019 THROUGH DECEMBER**
14 **31, 2019 CHOSEN AS THE HISTORICAL TEST YEAR?**

15 A. Calendar Year 2019 was chosen as the relevant historical test year for a couple of
16 reasons. First, the Commission’s Orders entered December 11, 2018, March 26,
17 2019 and December 20, 2019 in Case No. 2018-00407 require that any proceeding
18 filed pursuant to the Streamlined Procedure Pilot Program “may only be based on
19 a historical test year that corresponds with the [cooperative’s] most recent annual
20 report on file with the Commission.”¹ Additionally, Clark Energy chose Calendar
21 Year 2019 as its proposed test year because that period reasonably reflects the most

¹ See Order, Case No. 2018-00407, Appendix A, p. 3 (Ky. P.S.C. Dec. 20, 2019).

1 recent performance of the Cooperative, when adjusted for appropriate known and
2 measurable changes, as contemplated by relevant law and precedent.

3 **Q. PLEASE GENERALLY DESCRIBE THE LOAD SERVED BY THE**
4 **COOPERATIVE.**

5 A. The Cooperative serves a retail load of approximately 129 MW, based upon
6 coincident peak during 2019, in its eleven (11) county service territory, which
7 includes all or portions of Bath, Bourbon, Clark, Estill, Fayette, Madison, Menifee,
8 Montgomery, Morgan, Powell and Rowan Counties. The Cooperative's customer
9 base is primarily residential served under Schedule R - Residential. As of the end
10 of the test year, the residential load comprised approximately 76% of the
11 Cooperative's total energy usage and represented approximately 75% of the
12 Cooperative's total revenue from energy sales. The Cooperative also serves a
13 smaller number of commercial customer loads. Taken together, the four General
14 Power Service classes account for approximately 21% of Clark Energy's total
15 energy usage and represent approximately 21% of revenue from energy sales. The
16 Public Facilities class accounts for approximately 1% of energy usage and 1.0% of
17 revenue and the Lighting classes account for approximately 1% of energy usage
18 and just under 3.0% of revenue in total. A detailed discussion of Clark Energy's
19 various rate classes, including an examination of the costs and revenues associated
20 with each, is included in the testimony of Mr. John Wolfram, Exhibit 9 to the
21 Application.

22 **Q. PLEASE GENERALLY DESCRIBE HOW THE COOPERATIVE'S LOAD**
23 **AND CUSTOMER BASE HAVE CHANGED IN RECENT YEARS.**

1 A. The structure of Clark Energy's customer base has changed very little since our last
2 rate case. Ten years ago, when Clark Energy had its last rate case, approximately
3 94% of our customers were in the Residential class with 6% in all other classes. At
4 the end of the test year in this case, Residential customers make up approximately
5 93% of the Cooperative's customers and 76.0% of its energy usage. All other rate
6 classes make up approximately 7% of Clark Energy's customers and 24% of its
7 energy usage.

8 **Q. PLEASE GENERALLY DESCRIBE ANY NOTABLE TRENDS IN THE**
9 **COOPERATIVE'S REVENUES AND MARGINS IN RECENT YEARS.**

10 A. A detailed summary of certain relevant financial metrics is provided at Exhibit
11 HSE-1 to my testimony. As evidenced by this data, TIER and OTIER have been
12 at low levels in recent years as a result of lower margins and a lack of load growth.
13 Although 2018 was a surprisingly good year for TIER and OTIER, the overall
14 results have been declining over the past four years.

15 **Q. HAVE CLARK ENERGY'S OPERATIONAL EXPENSES INCREASED IN**
16 **RECENT YEARS?**

17 A. Clark Energy's last rate increase was effective in 2010. Although Clark Energy has
18 worked diligently at reducing operating expenses, we have seen increases in labor,
19 contractor and material costs. In addition, depreciation has increased over \$1.59
20 million annually and property taxes over \$240k annually since 2010.

21 **Q. PLEASE DESCRIBE THE COOPERATIVE'S EXISTING DEBT**
22 **PORTFOLIO.**

1 A. Clark Energy is currently a borrower from CFC and FFB. As of December 31,
2 2019, the outstanding principal balance on Clark Energy's long-term debt is \$59.9
3 million. Seventy-one percent (71%) of Clark Energy's long-term debt is at fixed
4 interest rates with a blended rate of 2.78% and 29% of long-term debt is at variable
5 interest rates with a blended interest rate of 1.86% and maturity dates of 5 to 10
6 years. Clark Energy has an \$8 million line of credit with CFC and a \$5 million line
7 of credit with CoBank for short-term borrowing needs.

8 In addition, Clark Energy has a \$2 million Rural Economic Development
9 Loan ("REDL") from RUS. As the Commission is aware, this loan is borrowed by
10 Clark Energy through RUS, but the proceeds of the loan support economic
11 development initiative in our service territory. As of December 31, 2019, the
12 balance on the REDL Loan was \$1.944 million.

13 **Q. WHAT EFFORTS HAS THE COOPERATIVE TAKEN TO REDUCE ITS**
14 **INTEREST EXPENSE?**

15 A. In Case No. 2010-00391,² Clark Energy obtained approval from the Kentucky
16 Public Service Commission to refinance approximately \$6 million of RUS debt.
17 The reason for this refinancing was to take advantage of a favorable interest rate
18 environment. The effect of this approval was savings of approximately \$1.1 million
19 during the term of the refinancing. Clark Energy also gained approval to refinance
20 another \$2.4 million in RUS debt in Case No. 2017-00206.³ The effect of this case

² See *In the Matter of the Application of Clark Energy Cooperative, Inc. for Authorization to Borrow \$6,081,036.12 from the National Rural Utilities Cooperative Finance Corporation and to Execute Note and to Prepay Rural Utilities Services Notes of the Same Amount*, Order, Case No. 2010-00391 (Ky. P.S.C. Oct. 26, 2010).

³ See *In the Matter of the Application of Clark Energy Cooperative, Inc. for Authorization to Borrow \$7,500,000.00 from National Rural Utilities Cooperative Finance Corporation and to Execute Note and to*

1 was to save another \$1.1 million over the course of the loan's term. A detailed
2 account of Clark Energy's current debt portfolio is provided in the April 2019
3 Audited Financial Statements attached hereto as Exhibit HSE-2.

4 **Q. DOES THE COOPERATIVE PROPOSE TO ADJUST ITS**
5 **DEPRECIATION RATES AS PART OF THIS PROCEEDING?**

6 A. Clark Energy does not propose to adjust its depreciation rates as part of this
7 proceeding. Clark Energy's last depreciation study was completed as of 2009, and
8 its existing depreciation rates were approved by the Commission in Case No. 2009-
9 00314.⁴ Additionally, as demonstrated within the testimony sponsored by Mr.
10 Wolfram (and specifically at Exhibit JW-2, Reference Schedule 1.07), Clark
11 Energy continues to depreciate its automated metering infrastructure and related
12 assets at reasonable, industry-standard rates. Clark Energy's depreciation and
13 reserve are reviewed at least annually as part of the Cooperative's annual audit, and
14 the Cooperative is in compliance with the guideline range acceptable to RUS and
15 typically employed by distribution cooperatives like Clark Energy.

16 **Q. WHEN DID THE COOPERATIVE LAST RETIRE CAPITAL CREDITS OF**
17 **ITS MEMBERS?**

18 A. Clark Energy retired \$ 1,163,777 of capital credits to members in May of 2019. The
19 retirement covered the remaining 50% of year 1987 and 100% of year 1988. Clark
20 Energy also retired G&T capital credits in the amount of \$91,630 representing the

Prepay Rural Utilities Services Notes of the Same Amount, Order, Case No. 2017-002060 (Ky. P.S.C. July 13, 2017).

⁴ See *In the Matter of: Application of Clark Energy Cooperative, Inc. for an Adjustment of Rates*, Order, Case No. 2009-00314 (Apr. 16, 2020) (accepting depreciation study included with Application as part of a settlement agreement).

1 G&T's allocation for the years of 1961 through 1964. Please refer to balance sheet
2 account 238,200 in the attachment to Exhibit 33 to the Application.

3 **Q. PLEASE GENERALLY DESCRIBE THE COOPERATIVE'S**
4 **WORKFORCE.**

5 **A.** As of the current date, the Cooperative employs a qualified and highly-skilled
6 workforce consisting of 49 individuals (48 FTEs and 1 part-time employee). Clark
7 Energy does not have a union, so none of our employees are subject to a collective
8 bargaining agreement.

9 **Q. PLEASE PROVIDE ADDITIONAL DETAIL WITH RESPECT TO THE**
10 **COOPERATIVE'S LABOR EXPENSES, INCLUDING THE BENEFITS**
11 **OFFERED TO EMPLOYEES.**

12 **A.** The Cooperative offers its employees a competitive compensation package in order
13 to attract and retain a qualified workforce. Clark Energy offers employees health
14 care, dental, vision, life insurance, spousal life insurance, long-term disability and
15 a retirement plan. All Clark Energy employees contribute to health care premium
16 costs. Employee contributions range from 10% to 27% based on dependent
17 coverage plans. Clark Energy has a 401k plan available to employees, but Clark
18 Energy does not make any employer contributions.

19 **Q. HAS THE COOPERATIVE TAKEN ANY STEPS IN RECENT YEARS TO**
20 **READJUST HOW MUCH EMPLOYEES CONTRIBUTE TOWARDS ANY**
21 **EMPLOYMENT BENEFITS THEY RECEIVE?**

22 **A.** Yes. To realize the large savings for the cooperative for health insurance expense
23 employees were required to pay substantially more in out-of-pocket costs. Employee

1 deductibles, co-pays and prescription co-pays were increased. In addition the
2 KREC medical plan, unlike the NRECA plan, is a 90/10 plan which requires
3 employees to pay 10% of medical costs up to a maximum. Additionally, as
4 referenced above and in Mr. Brewer's testimony, all employees are required to pay
5 a portion of their health insurance premiums.

6 **Q. HOW DOES THE COOPERATIVE DETERMINE WHETHER AND WHEN**
7 **WAGE INCREASES SHOULD BE AWARDED TO EMPLOYEES?**

8 A. Clark Energy's salary scale was developed with the aid of a third-party consultant.
9 The consultant surveys the market and updates the salary scale annually. Wage
10 increases are determined on an annual basis based on employee evaluations and
11 individual employee performance. Employee salaries are limited to the maximum
12 salary of the scale. Because ranges for employee wages at Clark Energy have been
13 developed (and are updated) in consultation with third-party experts, the
14 Cooperative is confident its evaluation and compensation standards have resulted
15 in a fairly-paid (but not overly-paid) and fully-competent workforce.

16 **Q. HAS THE COOPERATIVE TAKEN ACTIONS TO LIMIT OR REDUCE**
17 **ITS LABOR EXPENSES?**

18 A. Yes. As discussed above, employees contribute to their healthcare costs. In
19 addition, Mr. Brewer describes several cost savings actions that we have undertaken
20 in recent years to achieve savings in our R&S Plan and to reduce Clark Energy's
21 employee count.

22 **Q. WHY IS IT IMPORTANT THAT THE COOPERATIVE MAINTAIN A**
23 **STRONG FINANCIAL CONDITION?**

1 A. As the Commission is aware, Clark Energy is owned by the Members it serves.
2 While it is always our goal to keep rates as low as possible, the expense of providing
3 safe and reliable service must be recovered; additionally, prudent management and
4 fairness demand that rates be designed in a way that better aligns cost-causers with
5 cost-payers, which is what Clark Energy's proposed rates seek to accomplish.
6 Clark Energy has taken seriously the Commission's comments in several recent
7 distribution cooperative rate cases that it looks with disfavor on companies that wait
8 until a financial emergency exists, such as a default notice from its lenders, before
9 seeking rate relief. In this case, Clark Energy asks the Commission to approve a
10 modest rate increase in order to bolster its overall financial condition to prevent just
11 such an emergency from developing.

12 **Q. PLEASE DESCRIBE THE REVISED RATES PROPOSED BY THE**
13 **COOPERATIVE FOR ITS RESIDENTIAL CUSTOMERS.**

14 A. Clark Energy is proposing to increase the monthly residential customer charge
15 from \$12.43 to \$18.00 per month, with a corresponding decrease to the per kWh
16 energy charge. This will result in an increase of \$3.09 or 2.65% on the monthly
17 bill for Clark Energy's average residential member. This is discussed in further
18 detail in the Direct Testimony of Mr. John Wolfram.

19 **Q. BESIDES RESIDENTIAL RATES, WHAT OTHER RATE CHANGES**
20 **DOES THE COOPERATIVE PROPOSE?**

21 A. Clark Energy does not propose to adjust any of the other rates it charges.

22 **Q. DID THE COOPERATIVE CONSIDER ITS LOW-INCOME CUSTOMERS**
23 **WHEN DESIGNING ITS PROPOSED RATES?**

1 A. Yes. While Clark Energy's responsibility is to its membership as a whole, the
2 Cooperative certainly considered how its proposed rates and rate design may impact
3 various discreet groups within its membership, including low-income customers.
4 Clark Energy maintains that low-income customers usually have higher kWh usage
5 than other residential customers. Clark Energy randomly selected 50 customers
6 receiving assistance from the LIHEAP program and found that the average kWh
7 usage was higher than the average kWh usage for all residential customers. The
8 average usage for the random selection was 1,503 kWh. The rate change will result
9 in a 1.5% or \$1.83 per month increase. Clark Energy feels this is a minor increase
10 after a 10-year period. Ultimately, Clark Energy concluded that its rate design
11 should seek to more accurately and appropriately recover the costs of operating its
12 distribution system; as a result, all customers (including low-income customers)
13 will benefit from a rate design that better aligns cost-causers with cost-payers,
14 avoids monthly bill volatility, and allows the Cooperative to operate under a more
15 predictable and accurate budget.

16 **Q. OTHER THAN ADJUSTMENTS TO RATES, DOES THE COOPERATIVE**
17 **PROPOSE ANY OTHER TARIFF CHANGES AS PART OF THIS**
18 **PROCEEDING?**

19 A. No. Consistent with the Commission's guidance for streamlined rate case
20 proceedings, Clark Energy does not include any requests to change its tariff beyond
21 that necessary to reflect changes in rates.

1 **Q. ARE ADJUSTMENTS NECESSARY TO ENSURE THE TEST YEAR**
2 **ACCURATELY REFLECTS THE COOPERATIVE'S INCOME AND**
3 **EXPENSES?**

4 A. Yes. These adjustments are part of the COSS and can be found in the Direct
5 Testimony of Mr. John Wolfram Exhibit 9 to the Application. All of the
6 adjustments proposed by Clark Energy are reasonable, reflect known and
7 measurable changes to the test year, and are necessary to ensure that the
8 Cooperative's rates are based on accurate and appropriate data. Moreover, the pro
9 forma adjustments made to the test year are entirely consistent with the
10 Commission's directives in its Orders entered in Case No. 2018-00407 concerning
11 items that must be excluded from cooperative revenue requirements in a
12 Streamlined Proceeding.

13 **Q. PLEASE FURTHER DESCRIBE CERTAIN OF THE RELEVANT**
14 **ADJUSTMENTS MADE TO THE TEST YEAR INCOME AND EXPENSES.**

15 A. Adjustments were G&T Capital Credits, Non-Recurring Items, Depreciation
16 Expense Normalization, Advertising and Donations, Directors Expense, Interest
17 and Life Insurance Premiums, each of which are further described in the Direct
18 Testimony of Mr. John Wolfram.

19 **Q. WHY SHOULD THE COMMISSION GRANT CLARK ENERGY'S**
20 **REQUESTED RELIEF?**

21 A. As discussed throughout this filing, the rate relief sought by Clark Energy in this
22 case is critical to ensure that its financial integrity is maintained in order to provide
23 its owner-members with reliable power at a reasonable cost. The requested 2.00%

1 rate increase has been specifically designed to account for Clark Energy's cost of
2 service to the various customer classes it serves. As the COSS indicates, the
3 requested increase does not fully resolve the mismatch, however, the rate relief
4 sought does manifest Clark Energy's philosophy of moving towards appropriate
5 cost recovery in a gradual fashion. Clark Energy's request in this case is
6 reasonable, necessary and supported by sound cost of service analyses. This case
7 presents an excellent opportunity for the Commission to apply the streamlined rate
8 case procedure.

9 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

10 A. Yes.

Case No. 2020-00104
Application Exhibit 8

Direct Testimony of
Holly S. Eades
Exhibit HSE-1

	Interest on LTD	Net margins	Operating Margins	TIER	OTIER	Equity to Assets	DSC	Residential kWh Sales	% Change in Residential kWh sales
2010	\$ 2,399,298	\$ 3,114,626	\$ 1,551,983	2.30	1.65	35.77%	2.19	349,511,070	8.1%
2011	\$ 1,872,231	\$ 3,518,487	\$ 1,137,008	2.88	1.61	38.19%	2.18	333,582,846	-4.6%
2012	\$ 1,754,152	\$ 3,406,833	\$ 940,270	2.94	1.54	38.23%	2.27	310,184,121	-7.0%
2013	\$ 1,587,470	\$ 4,620,053	\$ 1,518,046	3.91	1.96	42.04%	2.48	323,690,144	4.4%
2014	\$ 1,480,387	\$ 4,799,882	\$ 2,013,755	4.24	2.36	44.12%	2.44	342,441,818	5.8%
2015	\$ 1,348,611	\$ 2,300,867	\$ (40,325)	2.71	0.97	44.31%	1.92	329,442,744	-3.8%
2016	\$ 1,211,095	\$ 3,322,101	\$ 733,953	3.74	1.61	45.79%	2.05	319,225,372	-3.1%
2017	\$ 1,308,446	\$ 1,973,783	\$ 907,906	2.51	1.69	45.43%	1.83	308,868,044	-3.2%
2018	\$ 1,565,192	\$ 4,292,340	\$ 2,234,224	3.74	2.43	46.44%	2.25	349,629,914	13.2%
** 2019	\$ 1,788,590	\$ 2,566,392	\$ 962,097	2.43	1.54	48.19%	2.00	334,701,956	-4.3%

Note: The 2019 figures above include a one-time inclusion of proceeds from a billing dispute with AT&T.

Excluding that income results in the 2019 financial metrics set forth below.

2019	\$ 1,788,590	\$ 2,370,490	\$ 766,195	2.33	1.43	46.10%	1.96	334,701,956	-4.3%
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Case No. 2020-00104
Application Exhibit 8

Direct Testimony of
Holly S. Eades
Exhibit HSE-2

Kentucky 49
Clark Energy Cooperative, Inc.
and Subsidiary
Winchester, Kentucky
Audited Financial Statements
April 30, 2019 and 2018

ALAN M. ZUMSTEIN
Certified Public Accountant
1032 Chetford Drive
Lexington, Kentucky 40509

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ALAN M. ZUMSTEIN
CERTIFIED PUBLIC ACCOUNTANT

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MEMBER
• AMERICAN INSTITUTE OF CPA'S
• KENTUCKY SOCIETY OF CPA'S
• AICPA DIVISION FOR FIRMS

Independent Auditor's Report

To the Board of Directors
Clark Energy Cooperative, Inc.
Winchester, Kentucky

Report on the Financial Statements

I have audited the accompanying consolidated financial statements of Clark Energy Cooperative, Inc. and Subsidiary, which comprise the balance sheets as of April 30, 2019 and 2018, and the related consolidated statements of revenue and comprehensive income, changes in members' equities, and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

My responsibility is to express an opinion on these consolidated financial statements based on my audits. I conducted my audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that I plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, I express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

I believe the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

To the Board of Directors
Clark Energy Cooperative, Inc.

Opinion

In my opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Clark Energy Cooperative, Inc. and Subsidiary as of April 30, 2019 and 2018, and the results of their operations and cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, I have also issued a report dated May 31, 2019, on my consideration of Clark Energy Cooperative, Inc.'s internal control over financial reporting and my tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of my testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering internal control over financial reporting and compliance and should be considered in assessing the results of my audits.

Report on Supplemental Information

My audit was conducted for the purpose of forming an opinion on the consolidated financial statements that collectively comprise the Cooperative's consolidated financial statements. The consolidating schedules on pages 15-16 are presented for purposes of additional analysis and is not a required part of the consolidated financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The supplementary information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the consolidated financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In my opinion, the supplementary information is fairly stated in all material respects in relation to the consolidated financial statements as a whole.

Alan Zumstein

Alan M. Zumstein, CPA
May 31, 2019

Clark Energy Cooperative and Subsidiary
Consolidated Balance Sheets, April 30, 2019 and 2018

<u>Assets</u>	<u>2019</u>	<u>2018</u>
Utility Plant, net	\$ 92,291,891	\$ 90,312,378
Investments and Other Assets:		
Associated organizations and others	30,935,018	27,291,041
Goodwill	258,898	258,898
	<u>31,193,916</u>	<u>27,549,939</u>
Current Assets:		
Cash and cash equivalents	965,732	1,632,147
Accounts receivable, less allowance for uncollectible accounts	1,925,975	2,262,549
Material and supplies	687,924	707,917
Prepayments	331,780	335,122
	<u>3,911,411</u>	<u>4,937,735</u>
Deferred Debits	<u>2,542,212</u>	<u>2,782,833</u>
Total	<u>\$ 129,939,430</u>	<u>\$ 125,582,885</u>
<u>Members' Equities and Liabilities</u>		
Members' Equities:		
Patronage capital and retained earnings	\$ 58,666,058	\$ 56,011,527
Accumulated other comprehensive income	(742,506)	(805,662)
Other equities and minority interest	3,337,315	2,846,052
	<u>61,260,867</u>	<u>58,051,917</u>
Long Term Debt	<u>58,177,971</u>	<u>56,552,431</u>
Current Liabilities:		
Accounts payable	495,805	504,166
Short term borrowings	900,000	1,400,000
Current portion of long term debt	3,300,000	3,247,960
Consumer deposits	1,092,185	1,055,162
Other current and accrued liabilities	1,459,777	1,479,692
	<u>7,247,767</u>	<u>7,686,980</u>
Accumulated Postretirement Benefits	2,962,100	2,908,495
Accrued Supplemental Retirement	89,873	128,234
Consumer Advances for Construction	200,852	254,828
Total	<u>\$ 129,939,430</u>	<u>\$ 125,582,885</u>

The accompanying notes are an integral part of these statements.

Clark Energy Cooperative and Subsidiary
Consolidated Statements of Revenue and Comprehensive Income
for the years ended April 30, 2019 and 2018

	<u>2019</u>	<u>2018</u>
Operating Revenues	<u>\$ 51,787,533</u>	<u>\$ 50,732,697</u>
Operating Expenses:		
Cost of purchases	32,952,531	33,128,841
Distribution - operations	2,481,397	2,364,677
Distribution - maintenance	3,281,597	3,360,305
Consumer accounts	1,612,956	1,585,748
Customer service and information	290,536	236,010
Sales	7,893	236,011
Administrative and general	1,628,784	236,012
Depreciation, excluding \$378,586 in 2019 and \$328,563 in 2018 charged to clearing accounts	5,426,418	5,279,662
Taxes	72,967	186,001
Interest on long-term debt	1,716,615	1,384,179
Other interest	94,165	59,845
Other deductions	39,724	31,035
	<u>49,605,583</u>	<u>48,991,996</u>
Operating Margins	<u>2,181,950</u>	<u>1,740,701</u>
Nonoperating Margins		
Interest income	47,539	38,135
Subsidiary and others	(23,991)	122,029
	<u>23,548</u>	<u>160,164</u>
Patronage Capital Assigned		
G&T	1,659,284	902,425
Others	62,922	100,156
	<u>1,722,206</u>	<u>1,002,581</u>
Net Margins	3,927,704	2,903,446
Comprehensive Income:		
Postretirement benefits	63,156	(77,470)
Total Comprehensive Income	<u>\$ 3,990,860</u>	<u>\$ 2,825,976</u>

The accompanying notes are an integral part of these statements.

Clark Energy Cooperative and Subsidiary
 Statements of Changes in Members' Equities
 for the years ended April 30, 2018 and 2019

	<u>Patronage Capital</u>				<u>Other Equities</u>	<u>Accumulated Comprehensive Income</u>	<u>Total Members' Equities</u>
	<u>Assigned</u>	<u>Assignahle</u>	<u>Retired</u>	<u>Total</u>			
Balance - April, 2017	\$ 58,376,369	\$ 479,278	\$ (4,071,134)	\$ 54,784,513	\$ 2,251,361	\$ (728,192)	\$ 56,307,682
Comprehensive income:							
Net margins	2,903,446			2,903,446			2,903,446
Postretirement benefit obligation Amortization						64,236	
Adjustments						(141,706)	(77,470)
Total comprehensive income						<u>64,236</u> <u>(141,706)</u>	<u>64,236</u> <u>(77,470)</u> 2,825,976
Refunds of capital credits			(1,540,449)	(1,540,449)	594,691		(945,758)
Other equities	(135,983)			(135,983)			(135,983)
Balance - April, 2018	61,143,832	479,278	(5,611,583)	56,011,527	2,846,052	(805,662)	58,051,917
Comprehensive income:							
Net margins	3,927,704			3,927,704			3,927,704
Postretirement benefit obligation Amortization						63,156	
Adjustments						-	63,156
Total comprehensive income						<u>63,156</u> <u>-</u>	<u>63,156</u> <u>-</u> 3,990,860
Refunds of capital credits			(1,273,172)	(1,273,172)	491,263		(781,909)
Other equities	(429,024)	429,023		(1)			(1)
Balance - April, 2019	<u>\$ 64,642,512</u>	<u>\$ 908,301</u>	<u>\$ (6,884,755)</u>	<u>\$ 58,666,058</u>	<u>\$ 3,337,315</u>	<u>\$ (742,506)</u>	<u>\$ 61,260,867</u>

The accompanying notes are an integral part of the financial statements.

Clark Energy Cooperative and Subsidiary
Consolidated Statements of Cash Flows
for the years ended April 30, 2019 and 2018

	<u>2019</u>	<u>2018</u>
Cash Flows from Operating Activities:		
Net margins	\$ 3,927,704	\$ 2,767,444
Adjustments to reconcile to net cash provided by operating activities:		
Depreciation:		
Charged to expense	5,426,418	5,279,662
Charged to clearing accounts	378,586	328,563
Patronage capital credits assigned	(1,722,206)	(1,002,581)
Change in current assets and liabilities:		
Receivables	336,574	(391,462)
Material and supplies	19,993	(106,368)
Prepayments and deferred debits	243,963	133,122
Payables	(8,361)	(466,344)
Accumulated postretirement benefits	116,761	118,952
Accrued supplemental retirement	(38,361)	(36,915)
Accrued expenses	(19,915)	150,041
	<u>8,661,156</u>	<u>6,774,114</u>
Cash Flows from Investing Activities:		
Plant additions	(7,399,668)	(6,301,287)
Plant removal costs	(441,614)	(466,164)
Salvage recovered from plant retirements	41,261	56,051
Consumer deposits and advances	(16,953)	33,340
Other investments, net	120,592	79,128
	<u>(7,696,382)</u>	<u>(6,598,932)</u>
Cash Flows from Financing Activities:		
Retire capital credits and dividends	(1,303,173)	(1,540,430)
Capital and other equities	494,404	586,202
Additional long-term borrowings	3,000,000	6,000,000
Payments on long-term debt	(3,322,420)	(3,322,584)
Short term borrowings (repayments)	(500,000)	(1,500,000)
	<u>(1,631,189)</u>	<u>223,188</u>
Net increase in cash	(666,415)	398,370
Cash and cash equivalents - beginning of period	<u>1,632,147</u>	<u>1,233,777</u>
Cash and cash equivalents - end of period	<u>\$ 965,732</u>	<u>\$ 1,632,147</u>
Supplemental cash flows information:		
Interest paid on long-term debt	\$ 1,691,055	\$ 1,359,068
Income taxes paid	\$ 35,500	\$ 107,675

The accompanying notes are an integral part of these statements.

Clark Energy Cooperative, Inc. and Subsidiary
Notes to Financial Statements

Note 1. Summary of Significant Accounting Policies

Clark Energy Cooperative, Inc. ("Clark Energy") maintains its records in accordance with the policies prescribed or permitted by the Kentucky Public Service Commission ("PSC") and the United States Department of Agriculture, Rural Utilities Service ("RUS"), which conform in all material respects with generally accepted accounting principles. The more significant of these policies are as follows:

Principles of Consolidation The accompanying consolidated financial statements include the accounts of Clark Energy and Clark Energy Propane Plus, LLC ("Propane Plus"), collectively the Subsidiary. All significant inter company accounts and transactions have been eliminated. Clark Energy uses an audit date of April 30. The Subsidiary operates on a fiscal year ending December 31. The consolidated financial statements reflect the year end of April 30 for Clark Energy and December 31 for the Subsidiary, respectively.

Utility Plant Clark Energy's electric plant is stated at original cost, which is the cost when first dedicated to public service. Such amount includes applicable supervisory and overhead cost including any construction period interest and taxes. There was no interest required to be capitalized during the year.

The cost of maintenance and repairs, including renewals of minor items of property, is charged to operating expense. The cost of replacement of depreciable property units, as distinguished from minor items, is charged to electric plant. The units of property replaced or retired, including cost of removal, net of any salvage value, is charged to accumulated depreciation.

Propane Plus' fixed assets consist primarily of propane tanks located on customers' premises, bulk tanks, and trucks used in the delivery of propane. Utility plant consists of:

	<u>2019</u>	<u>2018</u>
<i>Electric Plant:</i>		
Distribution plant	\$121,077,581	\$118,300,185
General plant	11,584,850	11,190,772
	<u>132,662,431</u>	<u>129,490,957</u>
Plant under construction	950,187	498,838
	<u>133,612,618</u>	<u>129,989,795</u>
Less accumulated depreciation	42,874,535	41,030,107
Net electric plant	<u>90,738,083</u>	<u>88,959,688</u>
<i>Propane Plant:</i>		
Propane tanks on customers' premises	1,138,666	1,060,305
Bulk tanks	629,879	622,684
Delivery and other trucks	978,154	984,915
Buildings and land	491,380	241,845
Office and other equipment	235,783	244,521
	<u>3,473,862</u>	<u>3,154,270</u>
Plant under construction	106,716	0
	<u>3,580,578</u>	<u>3,154,270</u>
Less accumulated depreciation	2,026,770	1,801,580
Net propane plant	<u>1,553,808</u>	<u>1,352,690</u>
Net utility plant	<u>\$92,291,891</u>	<u>\$90,312,378</u>

Clark Energy Cooperative, Inc. and Subsidiary
Notes to Financial Statements

Note 1. Summary of Significant Accounting Policies, continued

Depreciation Provision has been made for depreciation on the basis of the estimated lives of assets, using the straight-line method. Depreciation rates range from 1.44% to 10.0%, with a composite rate of 4.2% for distribution plant. General plant rates range from 2.5% to 20%. Propane Plus's depreciation is computed using the straight-line method over the useful lives of its assets.

Cash Equivalents Clark Energy considers all short-term, highly liquid investments with original maturities of three months or less to be cash equivalents.

Off Balance Sheet Risk Clark Energy maintains its cash balances, which may exceed the federally insured limit, with several financial institutions. These financial institutions have strong credit ratings and management believes that the credit risk related to the accounts is minimal.

Revenue Clark Energy records revenue as billed to its consumers based on monthly meter-reading cycles. All consumers are required to pay a refundable deposit, however, it may be waived under certain circumstances. Clark Energy's sales are concentrated in an eleven (11) county area of central Kentucky. Consumers must pay their bill within 20 days of billing, at which time a disconnect notice is sent with payment to be within 10 days. If not paid, then consumers are subject to disconnect. Accounts are written off when they are deemed to be uncollectible. The allowance for uncollectible accounts is based on the aging of receivables. The balance in the allowance account was \$57,100 at 2019 and \$73,822 at 2018. There were no individual account balances that exceeded 10% of outstanding accounts receivable as of 2019 or 2018.

Propane Plus recognizes revenue when earned, regardless of the period in which customers are billed. Propane sales are recognized when deliveries are made, tank rental each month, and sales of related accessories at the time of sale. Accounts are written off when they are deemed to be uncollectible. The allowance for uncollectible accounts is based on the aging of receivables. The balance in the allowance account was \$18,286 for 2019 and \$22,000 for 2018. There were no individual account balances that exceeded 10% of outstanding accounts receivable as of 2019 or 2018.

The Companies are required to collect, on behalf of the Commonwealth of Kentucky, sales taxes based on 6 percent of gross sales from non-residential consumers, a 3 percent school tax from certain counties on most gross sales, and franchise fees in certain cities. The Company's policy is to exclude sales tax from revenue when collected and expenses when paid and instead, record collection and payment of sales taxes through a liability account.

Cost of Power Clark Energy is one of sixteen (16) members of East Kentucky. Under a wholesale power agreement, Clark Energy is committed to purchase its electric power and energy requirements from East Kentucky until 2051. The rates charged by East Kentucky are subject to approval of the PSC. The cost of purchased power is recorded monthly during the period in which the invoice is received, based upon billings from East Kentucky.

Cost of Propane Propane Plus purchases all of its propane requirements from an unrelated party through Kentucky Propane Plus, LLC, a related party. Propane is delivered in bulk tanks owned by Propane Plus, then delivered to customers on an as needed basis.

Propane Inventory Propane is measured at the end of each month and valued based on the current purchase price of propane.

Risk Management Clark Energy is exposed to various forms of losses of assets associated with, but not limited to, fire, personal liability, theft, vehicular accidents, errors and omissions, fiduciary responsibility, workers compensation, etc. Each of these areas is covered through the purchase of commercial insurance.

Clark Energy Cooperative, Inc. and Subsidiary
Notes to Financial Statements

Note 1. Summary of Significant Accounting Policies, continued

Goodwill The goodwill was recorded in connection with the purchase of one-half (1/2) interest from an unrelated party on June 30, 2000. The excess of the purchase price over the value of assets acquired has been recorded as goodwill. Goodwill was tested for impairment and it was determined that goodwill has not been impaired, therefore, there was no impairment of goodwill for 2019 or 2018.

Estimates The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates used in the preparation of the financial statements.

Fair Value Measurements The Fair Value Measurements and Disclosures Topic of the FASB ASC 820, *Fair Value Measurements and Disclosures*, defines fair value as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal, or most advantageous, market for the asset or liability in an orderly transaction between market participants at the measurement date. The Fair Values Measurements Topic establishes a three-level fair value hierarchy that prioritizes the inputs used to measure fair value. This hierarchy requires entities to maximize the use of observable inputs when possible. The three levels of inputs used to measure fair value are as follows:

Level 1: Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities

Level 2: Quoted prices in markets that are not considered to be active or financial instruments for which all significant inputs are observable, either directly or indirectly.

Level 3: Prices or valuations that require inputs that are both significant to the fair value measure and unobservable.

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement.

The carrying amounts of Clark Energy's cash and cash equivalents, other receivables, inventories, trade accounts payable, accrued expenses and liabilities approximate fair value due to their short maturity. Investments in associated organizations are not considered a financial instrument because they represent nontransferable interests in associated organizations. Other assets and liabilities are not considered financial instruments because they represent activities specifically related to Clark Energy. Long term debt cannot be traded in the market, and is specifically for electric cooperatives and, therefore, a value other than its outstanding principal cannot be determined.

Clark Energy may, and also does, invest idle funds in local banks and in National Rural Utilities Cooperative Finance Corporation ("CFC") commercial paper. The inputs used to measure idle funds are Level 1 measurements, as these funds are exchange traded funds in an active market.

Comprehensive Income Comprehensive income includes both net margin and other comprehensive income. Other comprehensive income represents the change in funded status of the accumulated postretirement benefit obligation.

Advertising Clark Energy expenses advertising costs as incurred.

Clark Energy Cooperative, Inc. and Subsidiary
Notes to Financial Statements

Note 1. Summary of Significant Accounting Policies, continued

Income Tax Status Clark Energy is exempt from federal and state income taxes under provisions of Section 501(c)(12). Accordingly, the financial statements for Clark Energy include no provision for income taxes. Propane Plus is a limited liability company treated as a partnership for federal income tax purposes. All tax related issues would be passed on to Service Corporation. Propane Plus uses the same depreciation for book and taxes, therefore, deferred taxes are considered immaterial and are not recorded.

Management evaluates its potential exposures from tax positions taken that have or could be challenged by taxing authorities. These potential exposures result because taxing authorities may take positions that differ from those taken by management in the interpretation and application of statutes, regulations, and rules. There are no tax positions for which the ultimate deductibility is highly uncertain included in the accompanying financial statements. Clark Energy recognizes interest accrued related to unrecognized tax benefits in interest expense and penalties in operating expenses. Clark Energy did not recognize any interest or penalties during the years ended 2019 or 2018, the years' tax returns are filed. Clark Energy's income tax return is subject to possible examination by taxing authorities until the expiration of related statutes of limitations on the return, which is generally three years.

Subsequent Events Management has evaluated subsequent events through May 31, 2019, the date the financial statements were available to be issued. There were no significant subsequent events to report.

Note 2. Investments in Associated Organizations and Others

Clark Energy records patronage capital assigned by associated organizations in the year in which such assignments are received. The Capital Term Certificates ("CTCs") of CFC are recorded at cost. The CTCs were purchased from CFC as a condition of obtaining long-term financing. The CTCs bear interest at 0%, 3% and 5% and are scheduled to mature at varying times from 2020 to 2080. The economic development loans are secured by either/or a portion of the assets pledged by Clark's consumers, or guarantees from local banks. The notes are either low or zero interest rate loans.

Investments in associated organizations and others consist of:

	<u>2019</u>	<u>2018</u>
East Kentucky, patronage capital	\$26,904,061	\$25,244,777
CFC - CTC's and patronage capital	1,161,967	1,158,253
Other associated organizations	753,141	727,756
Economic development loans	2,000,000	-
Cash value of life insurance	115,849	160,255
	<u>\$30,935,018</u>	<u>\$27,291,041</u>

Note 3. Patronage Capital

Under provisions of the long-term debt agreement, return to patrons of capital contributed by them is limited to amounts which would not allow the total equities and margins to be less than 30% of total assets, except that distributions may be made to estates of deceased patrons. The debt agreement provides, however, that should such distributions to estates not exceed 25% of the net margins for the next preceding year, Clark Energy may distribute the difference between 25% and the payments made to such estates. The equity at April 30, 2019 was 47% of total assets.

Clark Energy Cooperative, Inc. and Subsidiary
Notes to Financial Statements

Note 4. Long Term Debt

All assets, except vehicles, are pledged as collateral on the long term debt to RUS, Federal Financing Bank (“FFB”), and CFC under a joint mortgage agreement. Long term debt consists of:

	<u>2019</u>	<u>2018</u>
Notes due FFB, 2.403% to 4.506%	<u>\$50,075,794</u>	<u>\$48,777,283</u>
Economic Development Loan, no interest	<u>2,000,000</u>	<u>-</u>
Notes due CFC 2.75% - 3.6%	2,407,045	3,324,666
Fund prepaid pension costs 4.65%	229,224	276,144
Refinance RUS loans, 3.50%	<u>6,459,709</u>	<u>7,029,664</u>
	<u>9,095,978</u>	<u>10,630,474</u>
	61,171,772	59,407,757
Current portion	<u>3,250,000</u>	<u>3,200,000</u>
Long term portion for Clark Energy	<u>57,921,772</u>	<u>56,207,757</u>
East Kentucky 4.5%	306,199	392,634
Current portion	<u>50,000</u>	<u>47,960</u>
Long term portion for Propane Plus	<u>256,199</u>	<u>344,674</u>
Total long term portion	<u>\$58,177,971</u>	<u>\$56,552,431</u>

The interest rates on the notes to CFC are subject to change every seven years from the repricing date for each individual note. The long term debt is due in quarterly and monthly installments of varying amounts through 2047. Clark Energy has loan funds available from FFB in the amount of \$11,000,000. RUS assess 12.5 basis points to administer the FFB loans. During 2018, Clark Energy refinanced \$7,409,666 of higher interest rate RUS loans with funds from CFC.

During August, 2015, Propane Plus purchased East Kentucky’s outstanding stock with a note payable in the amount of \$500,351. The note is for 10 years with monthly principal and interest payments are \$4,740.

As of April 30, 2019, the annual principal payments of Clark Energy for the next five years are as follows: 2020 - \$3,250,000; 2021 - \$3,100,000; 2022 - \$3,200,000; 2023 - \$3,250,000; 2023 - \$3,340,000.

As of April 30, 2019, the annual principal payments of Propane Plus for the next five years are as follows: 2020 - \$50,000; 2021 - \$49,295; 2022 - \$49,500; 2023 - \$52,080; 2023 - \$53,530.

Note 5. Short Term Borrowings

At April 30, 2019, Clark Energy had a short term line of credit of \$8,500,000 available from CFC. At April 30 2019, Clark Energy had advances against the line of credit in the amount of \$900,000 at an interest rate of 4.0%.

Clark Energy Cooperative, Inc. and Subsidiary
Notes to Financial Statements

Note 6. Pension Plan

All eligible employees of Clark participate in the NRECA Retirement and Security Plan (“R&S Plan”), a defined benefit pension plan qualified under section 401 and tax exempt under section 501(a) of the Internal Revenue Code. It is a multiemployer plan under the accounting standards. The Plan sponsor’s identification number is 53-0116145 and the Plan Number is 333. A unique characteristic of a multiemployer plan compared to a single employer plan is that all plan assets are available to pay benefits of any plan participant. Separate asset accounts are not maintained for participating employers. This means that assets contributed by one employer may be used to provide benefits to employees of other participating employers.

Clark’s contributions to the R&S Plan in 2019 and 2018 represent less than 5 percent of the total contributions made to the plan by all participating employers. Clark made contributions to the plan of \$822,812 in 2019 and \$825,910 in 2018. There have been no significant changes that affect the comparability of 2019 and 2018. The contribution rate is 2.0 for employees hired prior to December 31, 2016 and 1.75 for employees hired after December 31, 2016.

In the R&S Plan, a “zone status” determination is not required, and therefore not determined, under the Pension Protection Act (“PPA”) of 2006. In addition, the accumulated benefit obligations and plan assets are not determined or allocated separately by individual employer. In total, the R&S Plan was over 85 percent funded at January 1, 2018 and 2016 based on the PPA funding target and PPA actuarial value of assets on those dates. Because the provisions of the PPA do not apply to the R&S Plan, funding improvement plans and surcharges are not applicable. Future contribution requirements are determined each year as part of the actuarial valuation of the plan and may change as a result of plan experience.

At the December 2012 meeting of the I&FS Committee of the NRECA Board of Directors, the Committee approved an option to allow participating cooperatives in the Retirement Security (“R&S”) Plan (a defined benefit multiemployer pension plan) to make a prepayment and reduce future required contributions. The prepayment amount is a cooperative share, as of January 1, 2013, of future contributions required to fund the R&S Plan’s unfunded value of benefits earned to date using Plan actuarial valuation assumptions. The prepayment amount will typically equal approximately 2.5 times a cooperative’s annual R&S Plan required contribution as of January 1, 2013. After making the prepayment, for most cooperatives the billing rate is reduced by approximately 25%, retroactive to January 1, 2013. The 25% differential in billing rates is expected to continue for approximately 15 years. However, changes in interest rates, asset returns and other plan experience different from that expected, plan assumptions changes, and other factors may have an impact on the differential in billing rates and the 15 year period.

Two prepayment options were available to participating cooperatives:

1. Use current assets to make the prepayment over a period of not more than 4 years, or,
2. Borrow funds sufficient to make the prepayment in a lump sum, with the prepayment of the borrowed amount determined by the loan’s amortization schedule.

On February 14, 2013, RUS issued a memorandum to all of its borrowers regarding the proper accounting treatment of the R&S Plan prepayment. RUS stipulated that the prepayment shall be recorded as a long term prepayment in Account 186, Miscellaneous Deferred Debits. This prepaid expense shall be amortized to Account 926, Employee Pensions and Benefits, over a ten year period. Alternatively, RUS borrowers may calculate the amortization period by subtracting the cooperative’s average age of its workforce as provided by NRECA from the cooperative’s normal retirement age under the R&S Plan, up to a maximum period of 20 years. If the entity chooses to finance the prepayment, interest expense associated with the loan shall be recorded in the year incurred as is required under the RUS Uniform System of Accounts (“USoA”).

Clark Energy Cooperative, Inc. and Subsidiary
Notes to Financial Statements

Note 6. Pension Plan, continued

Section 6.13(e) of the RUS Loan Contract limits the amount of unsecured debt that a borrower may incur to 15% on Net Utility Plant if the equity level of the borrower, after considering such unsecured debt, is below 30% of its Total Assets, unless the borrower obtains RUS consent. RUS will consider any unsecured debt associated with the R&S Plan prepayment to be "Permitted Debt" and accordingly, it will be excluded from the application of Section 6.13(e). During May, 2014, Clark Energy made an accelerated payment to NRECA in the amount of \$2,753,407. One-million dollars was funded with general funds and the remaining from a 6 year loan with CFC. The amount was recorded as a deferred debit and is being amortized over 15 years through the benefits matrix in the amount of \$168,264.

Propane Plus has a profit sharing plan of 10% of net profits, before the pension amount, where managers receive 5% of the plan amount and the remaining employees share the remaining 5%. The pension amount for 2019 was \$56,226 and 2018 was \$64,584.

Note 7. Postretirement Benefits

Clark Energy sponsors a defined benefit plan that provides medical insurance coverage to retirees and their dependents. Participating retirees contribute a portion of the cost of coverage. The following is a reconciliation of the postretirement obligation. The plan is unfunded. There have been no significant changes that affect the comparability of 2019 and 2018.

The funded status of the plan is as follows:

	<u>2019</u>	<u>2018</u>
Projected benefit obligation	(2,962,100)	(\$2,908,495)
Fair value of plan assets	-	-
Funded status	<u>(\$2,962,100)</u>	<u>(\$2,908,495)</u>

The components of net periodic postretirement benefit costs are as follows:

	<u>2019</u>	<u>2018</u>
Benefit obligation at beginning of year	<u>\$2,908,495</u>	<u>\$2,712,073</u>
Net periodic benefit cost:		
Service cost	9,297	13,147
Interest cost	<u>116,463</u>	<u>110,873</u>
	125,760	124,020
Benefits paid	(72,155)	(69,304)
Actuarial gain/loss	<u>0</u>	<u>141,706</u>
Benefit obligation at end of year	<u>\$2,962,100</u>	<u>\$2,908,495</u>

Amounts included in accumulated comprehensive income:

Unrecognized actuarial gain (loss)	<u>(\$742,506)</u>	<u>(\$805,662)</u>
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Effect of 1% increase in the health care trend:

Postemployment benefit obligation	\$3,125,000	
Net periodic benefit cost	132,500	

Clark Energy Cooperative, Inc. and Subsidiary
Notes to Financial Statements

Note 7. Postretirement Benefits, continued

The discount rate used in determining the APBO was 4.75% for 2019 and 2018. The health care cost trend rate used to compute the APBO is an 6% annual rate of increase for 2019, and decreasing gradually to 3.0%, then remain at that level thereafter.

Projected retiree benefit payments for the next five years are expected to be as follows: 2020 - \$55,800; 2021 - \$58,900; 2022 - \$64,400; 2023 - \$60,900; 2023 - \$63,900.

Note 8. Related Party Transactions

Several of the Directors of Clark Energy, its President & CEO, and another employee are on the boards of directors of various associated organizations.

Note 9. Environmental Contingency

Clark Energy, from time to time, is required to work with and handle PCB's, herbicides, automotive fluids, lubricants, and other hazardous materials in the normal course of business. As a result, there is a possibility that environmental conditions may arise which would require Clark Energy to incur cleanup costs. The likelihood of such an event, or the amount of such costs, if any, cannot be determined at this time. However, management does not believe such costs, if any, would materially affect Clark Energy's financial position or its future cash flows.

Note 10. Commitments

Clark Energy has various other agreements outstanding with local contractors. Under these agreements, the contractors will perform construction and maintenance work at specified hourly rates or unit cost, or on an as needed basis. The duration of these contracts are one to three years.

Note 11. Contingencies

Clark Energy is involved in litigation arising in the normal course of business. While the results of such litigation cannot be predicted with certainty, management, based upon advice of counsel, believes that the final outcome will not have a material adverse effect on the financial statements.

* * * * *

Clark Energy Cooperative and Subsidiary
Consolidating Balance Sheet, April 30, 2019

<u>Assets</u>	<u>Energy</u>	<u>Subsidiary</u>	<u>Eliminations</u>	<u>Consolidated</u>
Net Utility Plant	\$ 90,738,083	\$ 1,553,808		\$ 92,291,891
Investments and Other Assets:				
Associated organizations	30,935,018			30,935,018
Goodwill, net of amortization		258,898		258,898
Subsidiary	2,235,152		(2,235,152)	-
	<u>33,170,170</u>	<u>258,898</u>	<u>(2,235,152)</u>	<u>31,193,916</u>
Current Assets:				
Cash and cash equivalents	385,598	580,134		965,732
Accounts receivable, less allowance for uncollectible accounts	1,833,873	92,102		1,925,975
Material and supplies, at average cost	590,030	97,894		687,924
Prepayments	303,080	28,700		331,780
	<u>3,112,581</u>	<u>798,830</u>		<u>3,911,411</u>
Deferred Debits	2,542,212			2,542,212
Total	<u>\$ 129,563,046</u>	<u>\$ 2,611,536</u>	<u>\$ (2,235,152)</u>	<u>\$ 129,939,430</u>
<u>Members' Equities and Liabilities</u>				
Members' and Stockholder's Equities:				
Capital	\$ -	\$ 1,164,000	\$ (1,164,000)	\$ -
Patronage capital and retained earnings	58,666,058	1,074,091	(1,074,091)	58,666,058
Accumulated comprehensive income	(742,506)			(742,506)
Other equities	3,334,376		2,939	3,337,315
	<u>61,257,928</u>	<u>2,238,091</u>	<u>(2,235,152)</u>	<u>61,260,867</u>
Long Term Debt	57,921,772	256,199		58,177,971
Current Liabilities:				
Accounts payable	428,559	67,246	-	495,805
Short term borrowings	900,000			900,000
Current portion of long term debt	3,250,000	50,000		3,300,000
Consumer deposits	1,092,185			1,092,185
Accrued expenses	1,459,777			1,459,777
	<u>7,130,521</u>	<u>117,246</u>	<u>-</u>	<u>7,247,767</u>
Accumulated Postretirement Benefits	2,962,100			2,962,100
Accrued Supplemental Retirement	89,873			89,873
Consumer Advances for Construction	200,852			200,852
Total	<u>\$ 129,563,046</u>	<u>\$ 2,611,536</u>	<u>\$ (2,235,152)</u>	<u>\$ 129,939,430</u>

The accompanying notes are an integral part of these statements.

Clark Energy Cooperative and Subsidiary
Consolidating Statement of Revenue and Comprehensive Income
for the year ended April 30, 2019

	<u>Energy</u>	<u>Subsidiary</u>	<u>Eliminations</u>	<u>Consolidated</u>
Operating Revenues	\$ 48,576,467	\$ 3,211,066	\$ -	\$ 51,787,533
Operating Expenses:				
Cost of purchases	31,491,293	1,461,238		32,952,531
Distribution - operations	1,773,448	707,949		2,481,397
Distribution - maintenance	3,281,597			3,281,597
Consumer accounts	1,293,357	319,599		1,612,956
Customer service and information	290,536			290,536
Sales	7,893			7,893
Administrative and general	1,401,688	227,096	-	1,628,784
Depreciation, excluding \$344,221 charged to clearing accounts	5,192,479	233,939		5,426,418
Taxes	61,217	11,750		72,967
Interest on long term debt	1,701,870	14,745		1,716,615
Other interest	94,165			94,165
Other deduction	39,724			39,724
Total cost of electric service	<u>46,629,267</u>	<u>2,976,316</u>		<u>49,605,583</u>
Operating Margins	<u>1,947,200</u>	<u>234,750</u>		<u>2,181,950</u>
Nonoperating Margins:				
Interest income	47,074	465		47,539
Subsidiary and others	211,224	6,512	(241,727)	(23,991)
	<u>258,298</u>	<u>6,977</u>	<u>(241,727)</u>	<u>23,548</u>
Patronage Capital, associated organizations				
G&T capital credits	1,659,284			1,659,284
Others	62,922		-	62,922
	<u>1,722,206</u>			<u>1,722,206</u>
Net Margins	3,927,704	241,727	(241,727)	3,927,704
Comprehensive Income:				
Postretirement benefits	63,156			63,156
Total Comprehensive Income	<u>\$ 3,990,860</u>	<u>\$ 241,727</u>	<u>\$ (241,727)</u>	<u>\$ 3,990,860</u>

The accompanying notes are an integral part of these statements.

ALAN M. ZUMSTEIN
CERTIFIED PUBLIC ACCOUNTANT

1032 CHETFORD DRIVE
LEXINGTON, KENTUCKY 40509
(859) 333-1695
zumstein@windstream.net

MEMBER
• AMERICAN INSTITUTE OF CPA'S
• KENTUCKY SOCIETY OF CPA'S
• AICPA DIVISION FOR FIRMS

Report on Internal Control Over Financial Reporting and on Compliance
and Other Matters Based on an Audit of Financial Statements
Performed in Accordance with *Government Auditing Standards*

To the Board of Directors
Clark Energy Cooperative, Inc.
Winchester, Kentucky

I have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of Clark Energy Cooperative, Inc., which comprise the balance sheets as of April 30, 2019 and 2018, and the related statements of revenue and comprehensive income, member' equities, and cash flows for the years then ended, and related notes to the financial statements, and have issued my report thereon dated May 31, 2019.

Internal Control Over Financial Reporting

In planning and performing my audit of the financial statements, I considered Clark Energy's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing my opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Clark Energy's internal control. Accordingly, I do not express an opinion on the effectiveness of Clark Energy's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

My consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during my audit I did not identify any deficiencies in internal control that I consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether Clark Energy's financial statements are free of

To the Board of Directors
Clark Energy Cooperative, Inc.

material misstatement, I performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of my audit, and accordingly, I do not express such an opinion. The results of my tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to communicate, in connection with the audit of the financial statements, on compliance with aspects of contractual agreements and the regulatory requirements for electric borrowers based on the requirements of 7 CFR Part 1773, Policy on Audits of Rural Utilities Service Borrowers and Grantees. Accordingly, this report is not suitable for any other purpose.

Alan Zumstein

Alan M. Zumstein, CPA
May 31, 2019

ALAN M. ZUMSTEIN
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MEMBER
• AMERICAN INSTITUTE OF CPA'S
• KENTUCKY SOCIETY OF CPA'S
• AICPA DIVISION FOR FIRMS

**Independent Auditor's Report on Compliance with Aspects of Contractual
Agreements and Regulatory Requirements for Electric Borrowers**

Board of Directors
Clark Energy Cooperative, Inc.
Winchester, Kentucky

I have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of Clark Energy Cooperative, Inc. ("the Cooperative"), which comprise the balance sheet as of April 30, 2019, and the related statements of revenue and comprehensive income, members' equities, and changes in cash flows for the year then ended, and the related notes to the financial statements, and have issued my report thereon dated May 31, 2019. In accordance with *Government Auditing Standards*, we have also issued my report dated May 31, 2019, on my consideration of the Cooperative's internal control over financial reporting and on my tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. No reports other than the reports referred to above related to my audit have been furnished to management.

In connection with my audit, nothing came to my attention that caused me to believe that the Cooperative failed to comply with the terms, covenants, provisions, or conditions of their loan, grant, and security instruments as set forth in 7 CFR Part 1773, *Policy on Audits of Rural Utilities Service Borrowers*, §1773.33 and clarified in the RUS policy memorandum dated February 7, 2019, insofar as they relate to accounting matters as enumerated below. However, my audit was not directed primarily toward obtaining knowledge of noncompliance. Accordingly, had I performed additional procedures, other matters may have come to my attention regarding the Cooperative's noncompliance with the above-referenced terms, covenants, provisions, or conditions of the contractual agreements and regulatory requirements, insofar as they relate to accounting matters. In connection with my audit, I noted no matters regarding the Cooperative's accounting and records to indicate that the Cooperative did not:

- Maintain adequate and effective accounting procedures;
- Utilize adequate and fair methods for accumulating and recording labor, material, and overhead costs, and the distribution of these costs to construction, retirement, and maintenance or other expense accounts;
- Reconcile continuing property records to the controlling general ledger plant accounts;
- Clear construction accounts and accrue depreciation on completed construction;
- Record and properly price the retirement of plant;

Board of Directors
Clark Energy Cooperative, Inc.

- Seek approval of the sale, lease, or transfer of capital assets and disposition of proceeds for the sale or lease of plant, material, or scrap;
- Maintain adequate control over material and supplies;
- Prepare accurate and timely Financial and Operating Reports;
- Obtain written RUS approval to enter into any contract for the management, operation, or maintenance of the borrower's system if the contract covers all or substantially all of the electric system;
- Disclose material related party transactions in the financial statements, in accordance with requirements for related parties in generally accepted accounting principles;
- Record depreciation in accordance with RUS requirements ("See RUS Bulletin 183-1, Depreciation Rates and Procedures");
- Comply with the requirements for the detailed schedule of deferred debits and deferred credits, which are listed below; and
- Comply with the requirements for the detailed schedule of investments, which are listed below.

The deferred debits are as follows:

	Years <u>Amortized</u>	<u>Amount</u>
GPS system	7	\$649,371
Prepaid pension costs	15	1,667,341
Substation installation	20	<u>225,500</u>
		<u>\$2,542,212</u>

The deferred credits are as follows:

Consumer advances for construction	<u>\$200,852</u>
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Clark Energy is a 100% owner of a subsidiary, Clark Energy Propane Plus, LLC, which is engaged in the distribution sales of propane gas through the limited liability company (LLC) in and around the areas in which Clark Energy provides electric service. The investment is accounted for using the equity method of accounting. The original investment was \$9,000. The investment is as follows:

	<u>Investment</u>	<u>Profits</u>
Beginning balance	\$1,194,000	\$841,788
Activity for 2019	<u>(30,000)</u>	<u>229,364</u>
Ending balance	<u>\$1,164,000</u>	<u>\$1,071,152</u>

This report is intended solely for the information and use of the board of directors, management, RUS, and supplemental lenders and is not intended to be and should not be used by anyone other than these specified parties. However, this report is a matter of public record and its distributions is not limited.

Alan Zumstein

Alan M. Zumstein, CPA
May 31, 2019

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 9

807 KAR 5:001 Sec. 16(4)(b)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

If the utility has gross annual revenues greater than \$5,000,000, the written testimony of each witness the utility proposes to use to support its application.

Response:

In support of its Application, Clark Energy provides written testimony from three (3) witnesses:

- Mr. Chris Brewer, Clark Energy's President and Chief Executive Officer, whose testimony is included at Exhibit 7;
- Ms. Holly S. Eades, Clark Energy's Vice President of Finance, whose testimony is included at Exhibit 8; and
- Mr. John Wolfram, expert consultant with Catalyst Consulting LLC, whose testimony is included with this Exhibit 9.

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE ELECTRONIC APPLICATION OF)	
CLARK ENERGY COOPERATIVE, INC.)	
FOR A GENERAL ADJUSTMENT OF)	Case No. 2020-00104
RATES PURSUANT TO STREAMLINED)	
PROCEDURE PILOT PROGRAM)	
ESTABLISHED IN CASE NO. 2018-00407)	

DIRECT TESTIMONY OF
JOHN WOLFRAM
PRINCIPAL, CATALYST CONSULTING LLC
ON BEHALF OF CLARK ENERGY COOPERATIVE, INC.

Filed: May 1, 2020

**DIRECT TESTIMONY
OF
JOHN WOLFRAM**

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**DIRECT TESTIMONY
OF
JOHN WOLFRAM**

5

I. INTRODUCTION

6 **Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND POSITION.**

7 A. My name is John Wolfram. I am the Principal of Catalyst Consulting LLC. My
8 business address is 3308 Haddon Road, Louisville, Kentucky, 40241.

9 **Q. ON WHOSE BEHALF ARE YOU TESTIFYING?**

10 A. I am testifying on behalf of Clark Energy Cooperative, Inc. ("Clark Energy").

11 **Q. BRIEFLY DESCRIBE YOUR EDUCATION AND WORK EXPERIENCE.**

12 A. I received a Bachelor of Science degree in Electrical Engineering from the
13 University of Notre Dame in 1990 and a Master of Science degree in Electrical
14 Engineering from Drexel University in 1997. I founded Catalyst Consulting LLC
15 in June 2012. I have developed cost of service studies and rates for numerous
16 electric and gas utilities, including electric distribution cooperatives, generation and
17 transmission cooperatives, municipal utilities and investor-owned utilities. I have
18 performed economic analyses, rate mechanism reviews, special rate designs, and
19 wholesale formula rate reviews. From March 2010 through May 2012, I was a
20 Senior Consultant with The Prime Group, LLC. I have also been employed by the
21 parent companies of Louisville Gas and Electric Company ("LG&E") and
22 Kentucky Utilities Company ("KU"), by the PJM Interconnection, and by the
23 Cincinnati Gas & Electric Company. A more detailed description of my
24 qualifications is included in Exhibit JW-1.

1 **Q. HAVE YOU EVER TESTIFIED BEFORE THE KENTUCKY PUBLIC**
2 **SERVICE COMMISSION (“COMMISSION”)?**

3 A. Yes. I have testified in numerous regulatory proceedings before this Commission.
4 A listing of my testimony in other proceedings is included in Exhibit JW-1.

5

6 **II. PURPOSE OF TESTIMONY**

7 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

8 A. The purpose of my testimony is to: (i) describe Clark Energy’s compliance with the
9 streamlined rate filing procedures; (ii) describe Clark Energy’s rate classes, (iii)
10 describe the calculation of Clark Energy’s revenue requirement; (iv) explain the
11 pro forma adjustments to the test period results; (v) describe the Cost of Service
12 Study (“COSS”) process and results; (vi) present the proposed allocation of the
13 revenue increase to the rate classes; (vii) describe the rate design, proposed rates,
14 and estimated billing impact by rate class, and (viii) support certain filing
15 requirements from 807 KAR 5:001.

16 **Q. ARE YOU SPONSORING ANY EXHIBITS?**

17 A. Yes. I have prepared the following exhibits to support my testimony:

18 Exhibit JW-1 – Qualifications of John Wolfram

19 Exhibit JW-2 – Revenue Requirements & Pro Forma Adjustments

20 Exhibit JW-3 – COSS: Summary of Results

21 Exhibit JW-4 – COSS: Functionalization & Classification

22 Exhibit JW-5 – COSS: Allocation to Rate Classes & Returns

23 Exhibit JW-6 – COSS: Billing Determinants

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Exhibit JW-7 – COSS: Purchased Power, Meters, & Services

Exhibit JW-8 – COSS: Zero Intercept Analysis

Exhibit JW-9 – Present & Proposed Rates

III. RATE FILING PROCEDURE

Q. IS CLARK ENERGY FILING THIS CASE UNDER THE RATE CASE PROCEDURE FOR ELECTRIC DISTRIBUTION COOPERATIVES DESCRIBED IN CASE NO. 2018-00407?

A. Yes. As described in the Application, Clark Energy is filing this case under the procedures set forth in the Commission’s Order dated December 20, 2019 in Case No. 2018-00407 (“Streamlined Rate Order”). For convenience I will refer to this procedure as the “streamlined” rate filing procedure or process.

Q. DOES CLARK ENERGY COMPLY WITH ALL OF THE REQUIREMENTS SET FORTH IN THE COMMISSION’S ORDER ON THE STREAMLINED PROCEDURE?

A. Yes. Clark Energy meets all of the elements of the streamlined process set forth in the Commission’s order. These requirements are discussed in the body of the order and are enumerated in Appendix A to the order.

Appendix A sets forth the Prerequisites for Use of the Streamlined Process. Clark Energy complies with each of these items. The requirements of the other parts of Appendix A are also met; I will describe how Clark Energy complies with the “Excluded Items for Ratemaking Purposes” in Part E later in my testimony.

1 **IV. CLASSES OF SERVICE**

2 **Q. PLEASE DESCRIBE THE CUSTOMER CLASSES SERVED BY CLARK**
3 **ENERGY.**

4 A. Clark Energy currently has members taking service pursuant to eight major rate
5 classifications. These include Residential, Time of Use Marketing Service, General
6 Power Service (four classes distinguished by member demand), Public Facilities,
7 and Lighting. Clark Energy's residential members comprise 76% of test year
8 energy usage and 75% of test year revenues from energy sales, as shown in the
9 following table.

10 **Table 1. Rate Class Data (2019)**

Rate Class	Members	kWh	%	Revenue	%
Residential – R	24,580	325,430,949	75.76%	\$34,898,753	75.02%
Time of Use Marketing Service - D	161	717,137	0.17%	\$39,291	0.08%
General Power Service < 50kW – C	1,738	30,081,135	7.00%	\$3,717,133	7.99%
Public Facilities – E	302	4,019,829	0.94%	\$480,513	1.03%
General Power Service 50-500kW – L	110	38,429,279	8.95%	\$3,924,853	8.44%
General Power Service 1000-5000kW – M	1	10,498,090	2.44%	\$887,522	1.91%
General Power Service 500+kW – P	9	14,778,980	3.44%	\$1,381,128	2.97%
Lighting – S,T,O	N/A	5,606,882	1.31%	\$1,187,646	2.55%
TOTAL	26,901	429,562,281	100%	\$46,516,839	100%

11

12

1 **Q. PLEASE EXPLAIN THE REVENUE DEFICIENCY CALCULATION IN**
2 **EXHIBIT JW-2 IN DETAIL.**

3 A. The purpose of Exhibit JW-2 is to calculate the difference between Clark Energy's
4 net margin for the adjusted test year and the margin necessary for Clark Energy to
5 achieve the lower of a 1.85 OTIER or a 4% overall increase, pursuant to the limits
6 established in the Streamlined Rate Order. Page 1 of the exhibit presents revenues and
7 expenses for Clark Energy for the actual test year, the actual test year adjusted to
8 reflect the FAC Roll-In, the proposed pro forma adjustments, the adjusted test year at
9 present rates, and the adjusted test year at proposed rates. The revenues include total
10 sales of electric energy and other electric revenue.

11 Expenses are tabulated next. The Total Cost of Electric Service is shown on
12 line 22. Total Cost of Electric Service includes operation expenses, maintenance
13 expenses, depreciation and amortization expenses, taxes, interest expenses on long-
14 term debt, other interest expenses, and other deductions. Utility Operating Margins
15 are calculated by subtracting Total Cost of Electric Service from Total Operating
16 Revenue. Non-operating margins and capital credits are added to Utility Operating
17 Margins to determine Clark Energy's Net Margins.

18 The TIER, OTIER, Margins at Target TIER, and Revenue Deficiency
19 amounts are calculated at the bottom of page 1 of Exhibit JW-2.

20 **Q. WHAT IS THE OTIER FOR CLARK ENERGY FOR THE ADJUSTED**
21 **TEST YEAR?**

22 A. Exhibit JW-2 shows on Line 35, Column (5) that the OTIER for the adjusted test
23 year is 1.23, which is below the target OTIER of 1.85.

1 **Q. WHAT IS THE REVENUE DEFICIENCY CALCULATED IN EXHIBIT**
2 **JW-2?**

3 A. Based on an OTIER of 1.85, Clark Energy has a net margin requirement of
4 \$1,831,380. Because the adjusted net margin before applying the TIER is \$779,564
5 and the margin requirement is \$1,831,380, Clark Energy's total revenue deficiency
6 is \$1,051,816.

7 **Q. IS CLARK ENERGY REQUESTING THE FULL REVENUE DEFICIENCY**
8 **AS AN INCREASE IN MEMBER RATES?**

9 A. No. Although a revenue increase of \$1,051,816 or 2.42% is justified, Clark Energy
10 is electing to limit the increase it seeks in this proceeding to 2.00% overall. This
11 results in a total revenue increase of \$916,755. This is calculated on the last two
12 lines of Exhibit JW-2. This amount is used in the COSS and in the design of new
13 rates that I describe later in my testimony.

14

15 **VI. PRO FORMA ADJUSTMENTS**

16 **Q. PLEASE BROADLY DESCRIBE THE NATURE OF THE PRO FORMA**
17 **ADJUSTMENTS MADE TO CLARK ENERGY'S ELECTRIC**
18 **OPERATIONS FOR THE TEST YEAR SHOWN IN EXHIBIT JW-2.**

19 A. Clark Energy has made adjustments which remove revenues and expenses that are
20 addressed in other rate mechanisms, are ordinarily excluded from rates, or are non-
21 recurring on a prospective basis, consistent with standard Commission practices, or
22 are to be excluded at the direction of the Commission in Case No. 2018-00407. The
23 pro forma adjustments are listed in Exhibit JW-2 on page 2 and are detailed starting

1 on page 5 of the exhibit. The pro forma adjustments are summarized below for
2 convenience.

3 **Table 2. Pro Forma Adjustments**

Reference Schedule	Pro Forma Adjustment Item
1.01	Fuel Adjustment Clause
1.02	Environmental Surcharge
1.03	Rate Case Expenses
1.04	Year-End Customer Normalization
1.05	G&T Capital Credits
1.06	Non-Recurring Items
1.07	Depreciation Expense Normalization
1.08	Advertising & Donations
1.09	Directors Expense
1.10	Interest
1.11	Life Insurance Premiums

4
5 **Q. DID YOU PREPARE A DETAILED INCOME STATEMENT AND**
6 **BALANCE SHEET REFLECTING THE IMPACT OF ALL PROPOSED**
7 **ADJUSTMENTS?**

8 A. Yes. These are included in Exhibit JW-2 pages 3 and 4.

9 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
10 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.01.**

11 A. This adjustment has been made to account for the fuel cost expenses and revenues
12 included in the FAC for the test period. Consistent with Commission practice, FAC
13 expenses and revenues included in the test year have been eliminated.

14 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
15 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.02.**

1 A. This adjustment has been made to remove Environmental Surcharge ("ES")
2 revenues and expenses because these are addressed by a separate rate mechanism.
3 This is consistent with the Commission's practice of eliminating the revenues and
4 expenses associated with full-recovery cost trackers.

5 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
6 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.03.**

7 A. This adjustment estimates the rate case costs amortized over a 3-year period for
8 inclusion in the revenue requirement, consistent with standard Commission
9 practice.

10 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
11 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.04.**

12 A. This adjustment adjusts the test year expenses and revenues to reflect the number
13 of customers at the end of the test year. The numbers of customers served at the end
14 of the test period for some rate classes differed from the average number of
15 customers for the test year. The change in revenue is calculated by applying the
16 average revenue per kWh for each rate class to the difference between average
17 customer count and test-year-end customer count (at average kWh/customer) for
18 each class. The change in operating expenses was calculated by applying an
19 operating ratio to the revenue adjustment, consistent with the approach accepted by
20 the Commission for other utilities in rate proceedings (*e.g.* Case Nos. 2019-00053,
21 2012-00221 & 2012-00222, and 2017-00374).

22 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
23 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.05.**

1 A. This adjustment removes the G&T Capital Credits from the test period; these
2 capital credits are only a book entry at this time because East Kentucky Power
3 Cooperative (“EKPC”) has not actually paid any of its capital credits.

4 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
5 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.06.**

6 A. This adjustment removes non-recurring items from the test year. This includes the
7 removal of revenues associated with a back billing for joint pole use; the back
8 billing stemmed from a field count and resulted in a 5-year back billing of
9 \$195,902. This amount was booked in 2019 but is non-recurring, and thus is
10 removed from test year revenues. Expenses related to legal counsel and to the
11 Kentucky Association of Electric Cooperatives (“KAEC”) are also removed.

12 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
13 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.07.**

14 A. This adjustment normalizes depreciation expenses by replacing test year actual
15 expenses with test year-end balances (less any fully depreciated items) at approved
16 depreciation rates, consistent with typical Commission practice and with the
17 requirements of the Commission in the Streamlined Rate Order.

18 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
19 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.08.**

20 A. This adjustment eliminates donations, promotional advertising, and dues expenses
21 pursuant to 807 KAR 5:016, consistent with Commission practice. Also please see
22 Application Exhibit 28.

1 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
2 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.09.**

3 A. This adjustment removes certain Director expenses, including costs for directors
4 attending EKPC / KAEC / NRECA annual meeting(s), training, or tours when the
5 director is not the Clark Energy representative for the respective organization.
6 Expenses that are not fully removed for rate-making purposes include the costs of
7 attending NRECA director training/education seminars (especially for new
8 directors). These seminars help directors to meet their fiduciary duties to the
9 membership by educating them on industry issues. Also included is Liability
10 Insurance that protects the directors for decisions they make on a routine basis. Also
11 please see Application Exhibit 27.

12 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
13 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.10.**

14 A. This adjustment normalizes the interest on Long Term Debt from the test year to
15 current amounts.

16 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
17 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.11.**

18 A. This adjustment removes life insurance premiums for coverage above the lesser of
19 an employee's annual salary or \$50,000 from the test period, pursuant to the
20 requirements of the Streamlined Rate Order.

21 **Q. DID CLARK ENERGY INCLUDE AN ADJUSTMENT TO OPERATING**
22 **EXPENSES TO REFLECT HEALTHCARE INSURANCE PREMIUMS**
23 **ADJUSTED FOR EMPLOYEE CONTRIBUTIONS BASED ON THE**

1 **NATIONAL AVERAGE FOR COVERAGE TYPE, CONSISTENT WITH**
2 **THE STREAMLINED RATE ORDER?**

- 3 A. No. Clark Energy did not include this adjustment because it is not required pursuant
4 to the Streamlined Rate Order; the employee health care insurance premium
5 contribution is not zero. See Application Exhibit 35.

6
7 **VII. COST OF SERVICE STUDY**

8 **Q. DID YOU PREPARE A COSS FOR CLARK ENERGY BASED ON**
9 **FINANCIAL AND OPERATING RESULTS FOR THE TEST YEAR?**

- 10 A. Yes. I prepared a fully allocated, embedded COSS based on pro forma operating
11 results for the test year. The objective in performing the COSS is to assess Clark
12 Energy’s overall rate of return on rate base and to determine the relative rates of
13 return that Clark Energy is earning from each rate class. Additionally, the COSS
14 provides an indication of whether each class is contributing its appropriate share
15 towards Clark Energy’s cost of providing service.

16 **Q. WHAT PROCEDURE WAS USED IN PERFORMING THE COSS?**

- 17 A. The three traditional steps of an embedded COSS – functionalization, classification,
18 and allocation – were utilized. The COSS was prepared using the following
19 procedure: (1) costs were functionalized to the major functional groups; (2) costs
20 were classified as energy-related, demand-related, or customer-related; and then (3)
21 costs were allocated to the rate classes.

22 **Q. IS THIS A STANDARD APPROACH USED IN THE ELECTRIC UTILITY**
23 **INDUSTRY?**

1 A. Yes.

2 **Q. HAS THIS APPROACH BEEN USED IN PREVIOUS CASES BEFORE**
3 **THIS COMMISSION?**

4 A. Yes. The same approach has been employed and accepted in several cases filed by
5 other utilities in Kentucky, including rate cases noted in Exhibit JW-1.

6 **Q. IN THE COST OF SERVICE MODEL, HOW ARE COSTS**
7 **FUNCTIONALIZED AND CLASSIFIED?**

8 A. Clark Energy's test-year costs are functionalized and classified according to the
9 practices specified in *The Electric Utility Cost Allocation Manual* published by the
10 National Association of Regulatory Utility Commissioners ("NARUC") dated
11 January, 1992. Costs are functionalized to the categories of power supply,
12 transmission, station equipment, primary and secondary distribution plant,
13 customer services, meters, lighting, meter reading and billing, and load
14 management.

15 **Q. IS THE COSS UNBUNDLED?**

16 A. Yes. This unbundling distinguishes between the functionally-classified costs
17 components-- i.e. purchased power demand, purchased power energy, distribution
18 demand, and distribution customer – which allows the development of rates based
19 on these separate cost components.

20 **Q. HOW WERE COSTS CLASSIFIED AS ENERGY-RELATED, DEMAND-**
21 **RELATED OR CUSTOMER-RELATED?**

22 A. Costs are classified according to how they vary. Costs classified as *energy-related*
23 vary with the amount of kilowatt-hours consumed. Costs classified as *demand-*

1 *related* vary with the capacity needs of customers, such as the amount of
2 transmission or distribution equipment necessary to meet a customer’s needs, or
3 other elements that are related to facility size. Transmission lines and distribution
4 substation transformers are examples of costs typically classified as demand costs.
5 Costs classified as *customer-related* include costs incurred to serve customers
6 regardless of the quantity of electric energy purchased or the peak requirements of
7 the customers; these costs vary with the number of customers. These include the
8 cost of the minimum system necessary to provide a customer with access to the
9 electric grid. Costs related to Distribution Poles, Lines and Line Transformers were
10 split between demand-related and customer-related using either the “zero-
11 intercept” method or the “minimum system” method, which I explain further below.
12 Customer Services, Meters, Lighting, Meter Reading, Billing, Customer Account
13 Service, and Load Management costs were classified as customer-related.

14 **Q. WHAT METHODS ARE COMMONLY USED TO CLASSIFY**
15 **DISTRIBUTION PLANT?**

16 A. Two commonly used methods for determining demand/customer splits of
17 distribution plant are the “minimum system” method and the “zero-intercept”
18 method. In the minimum system approach, “minimum” standard poles, conductor,
19 and line transformers are selected and the minimum system is obtained by pricing
20 all of the applicable distribution facilities at the unit cost of the minimum size plant.
21 The minimum system determined in this manner is then classified as customer-
22 related and allocated on the basis of the number of customers in each rate class. All
23 costs in excess of the minimum system are classified as demand-related. The theory

1 here is that in order for a utility to serve even the smallest customer, it would have
2 to install a minimum-sized system. Therefore, the costs associated with the
3 minimum system are related to the number of customers that are served, instead of
4 the demand imposed by those customers on the system.

5 In preparing this study, the “zero-intercept” method was used to determine
6 the customer components of overhead conductor, underground conductor, and line
7 transformers. Because the zero-intercept method uses linear regression and is less
8 subjective than the minimum system approach, the zero-intercept method is
9 preferred over the minimum system method when the necessary data are available.
10 With the zero-intercept method, one is not forced to choose a minimum size pole,
11 conductor or line transformer to determine the customer component. In the zero-
12 intercept method, a theoretical “zero-size” conductor or line transformer is the
13 absolute minimum system.

14 **Q. IS THE ZERO-INTERCEPT METHOD A STANDARD APPROACH**
15 **GENERALLY ACCEPTED WITHIN THE ELECTRIC UTILITY**
16 **INDUSTRY?**

17 **A.** Yes. The NARUC *Electric Utility Cost Allocation Manual* identifies the zero-
18 intercept (or “minimum intercept”) as one of two standard methodologies for
19 classifying distribution fixed costs. The manual states on page 92 that the zero-
20 intercept method “requires considerably more data and calculation than the
21 minimum-size method. In most instances, it is more accurate, although the
22 differences may be relatively small.”

1 **Q. WHEN THE MINIMUM SYSTEM METHOD IS APPLIED, DOES THE**
2 **ALLOCATION OF COSTS TO THE DISTRIBUTION CUSTOMER**
3 **CLASSIFICATION EQUAL ZERO?**

4 **A.** No. Both the zero intercept method and the minimum system method allocate some
5 costs to the Distribution Demand classification and other costs to the Distribution
6 Customer classification.

7 **Q. HAVE YOU PREPARED AN EXHIBIT SHOWING THE RESULTS OF**
8 **THE ZERO-INTERCEPT ANALYSIS?**

9 **A.** Yes. The zero-intercept analysis for poles, overhead conductor, underground
10 conductor, and line transformers are included in Exhibit JW-8.

11 **Q. DID THE ZERO INTERCEPT PROVIDE REASONABLE RESULTS?**

12 **A.** The zero-intercept method provided reasonable results for overhead conductor,
13 underground conductor, and line transformers. The zero intercept analysis did not
14 provide reasonable results for poles, so for this category, the minimum system
15 method was applied. See Exhibit JW-8.

16 **Q. HAVE YOU PREPARED AN EXHIBIT SHOWING THE RESULTS OF**
17 **THE FUNCTIONALIZATION AND CLASSIFICATION STEPS OF THE**
18 **COSS?**

19 **A.** Yes. Exhibit JW-4 shows the results of the first two steps of the COSS –
20 functionalization and classification.

21 **Q. IN THE COST OF SERVICE MODEL, ONCE COSTS ARE**
22 **FUNCTIONALIZED AND CLASSIFIED, HOW ARE THESE COSTS**
23 **ALLOCATED TO THE CUSTOMER CLASSES?**

1 A. Once costs for all of the major accounts are functionalized and classified, the
2 resultant cost matrix for the major groupings (e.g., Plant in Service, Rate Base,
3 Operation and Maintenance Expenses) is then transposed and allocated to the
4 customer classes using allocation vectors. The results of the class allocation step of
5 the COSS are included in Exhibit JW-5.

6 **Q. HOW ARE ENERGY-RELATED, CUSTOMER-RELATED AND**
7 **DEMAND-RELATED COSTS ALLOCATED TO THE RATE CLASSES IN**
8 **THE COSS?**

9 A. Power supply energy-related costs are allocated on the basis of total test year kWh
10 sales to each customer class. Power supply and transmission demand-related costs
11 are allocated using a 12CP methodology, to mirror the basis of cost allocation used
12 in the applicable EKPC wholesale tariff. With the 12CP methodology, these
13 demand-related costs are allocated on the basis of the demand for each rate class at
14 the time of EKPC's system peak (also known as "Coincident Peak" or "CP") for
15 each of the twelve months. Customer-related costs are allocated on the basis of the
16 average number of customers served in each rate class during the test year.
17 Distribution demand-related costs are allocated on the basis of the relative demand
18 levels of each rate class. Specifically, the demand cost component is allocated by
19 the maximum class demands for primary and secondary voltage and by the sum of
20 individual customer demands for secondary voltage. The customer cost component
21 of customer services is allocated on the basis of the average number of customers
22 for the test year. Meter costs were specifically assigned by relating the costs
23 associated with various types of meters to the class of customers for whom these

1 meters were installed. The demand analysis is provided in Exhibit JW-6. The
2 purchased power, meter, and service analyses are provided in Exhibit JW-7.

3 **Q. HOW IS THE TARGET MARGIN INCORPORATED INTO THE COSS?**

4 A. The COSS first determines results on an actual or unadjusted basis. The COSS then
5 takes into account the pro forma adjustments and a target margin. The target margin
6 is based on the rate of return on rate base that will yield the target revenue
7 requirement. In this case a rate of return on rate base of 1.76% yields a total revenue
8 requirement of \$45,668,556, which is consistent with the target revenue
9 requirement noted on Page 1, Line 55 of Exhibit JW-2.

10 **Q. PLEASE SUMMARIZE THE RESULTS OF THE COSS.**

11 A. The results of the COSS are provided in Exhibit JW-3 on page 1. The following
12 table summarizes the rates of return for each customer class in the study. The Pro
13 Forma Rate of Return on Rate Base was calculated by dividing the net utility
14 operating margin (including the pro forma adjustments) by the net cost rate base
15 for each customer class. The Unitized Pro Forma Return on Rate Base is the
16 previous column normalized to a total return on rate base equal to one (1.00).

17

18

Table 3. COSS Results: Rates of Return

#	Rate	Pro Forma Return on Rate Base	Unitized Pro Forma Return on Rate Base
1	Residential	(0.32%)	(0.26)
2	Time of Use Marketing Service	(8.23%)	(6.56)
3	General Power Service < 50kW	5.63%	4.49
4	Public Facilities	3.23%	2.58

5	General Power Service 50-500kW	28.97%	23.08
6	General Power Service 1000-5000kW	56.47%	44.99
7	General Power Service 500+kW	22.16%	17.66
8	Lighting	7.54%	6.01
9	TOTAL	1.26%	1.00

1

2 The negative values for pro forma rate of return on rate base indicate that expenses
3 exceed revenues. Also, any rate class for which the rate of return is greater than the
4 total system rate of return is providing a subsidy to the other rate classes; any class
5 with a rate of return that is less than the total system rate of return is receiving a
6 subsidy.

7 **Q. DOES THE COSS PROVIDE INFORMATION CONCERNING THE UNIT**
8 **COSTS INCURRED BY CLARK ENERGY TO PROVIDE SERVICE**
9 **UNDER EACH RATE SCHEDULE?**

10 A. Yes. Customer-related, demand-related and energy-related costs for each rate class
11 are shown in Exhibit JW-3 page 2 and at the end of Exhibit JW-5. Customer-related
12 costs are stated as a cost per member per month. Energy-related costs are stated as
13 a cost per kWh. For rate classes with a demand charge, demand-related costs are
14 stated as a cost per kW per month. (For rate classes without a demand charge, the
15 demand-related costs are incorporated into the per kWh charge.)

16 **Q. BASED ON THE COSS, DO CLARK ENERGY'S EXISTING RATES**
17 **APPROPRIATELY REFLECT THE COST OF PROVIDING SERVICE TO**
18 **EACH RATE CLASS?**

19 A. No. The wide range of rates of return for the rate classes indicates that existing rates
20 foster a relatively high degree of subsidization between the rate classes. The

1 unbundled costs within each rate class indicate an imbalance within the current rate
2 structure between the recovery of fixed costs and variable costs, particularly within
3 the residential class.

4 **Q. WHAT GUIDANCE DOES THE COSS PROVIDE FOR RATE DESIGN?**

5 A. First, the COSS indicates that rates for the residential class and the time of day
6 market service schedule are insufficient and should be increased. The need to
7 increase rates is limited to these residential rate schedules.

8 Second, the COSS supports a fixed monthly charge of \$35.01 for the
9 residential class. This is shown on Exhibit JW-3, page 2. Since the current charge
10 is \$12.43 per month, the fixed customer charge should be increased. This is a
11 significant issue for Clark Energy because the current charge is so far below cost-
12 based rates. This means that the current rate structure places too little recovery of
13 fixed costs in the fixed charge, which results in significant under-recovery of fixed
14 costs, particularly when members embrace conservation or energy efficiency or
15 otherwise reduce overall consumption. At bottom, this is a fundamental challenge
16 facing Clark Energy from a cost recovery standpoint, particularly because
17 residential members make up the vast majority of Clark Energy's membership, and
18 it is essential for Clark Energy's financial well-being to address this issue.

19
20 **VIII. ALLOCATION OF THE PROPOSED INCREASE**

21 **Q. PLEASE SUMMARIZE HOW CLARK ENERGY PROPOSES TO**
22 **ALLOCATE THE REVENUE INCREASE TO THE CLASSES OF**
23 **SERVICE.**

1 A. Clark Energy relied on the results of the COSS as a guide to determine the
2 allocation of the proposed revenue increase to the classes of service. Generally,
3 Clark Energy is proposing to allocate the revenue increase in greater proportion to
4 the rate classes whose returns are more negative and in less proportion to those
5 classes whose return are less negative.

6 **Q. What is the proposed base rate revenue increase for each rate class?**

7 A. Clark Energy is proposing the base rate revenue increases in the following table.

8 **Table 4. Proposed Base Rate Increases**

Rate Class	Increase	
	Dollars	Percent
Residential	\$912,324	2.65%
Time Of Use Marketing Service	\$4,518	11.84%
General Power Service < 50kW	0	0%
Public Facilities	0	0%
General Power Service 50-500kW	0	0%
General Power Service 1000-5000kW	0	0%
General Power Service 500+kW	0	0%
Lighting	0	0%
TOTAL	\$916,842	2.00%

9

10 **IX. PROPOSED RATES**

11 **Q. HAVE YOU PREPARED AN EXHIBIT SHOWING THE**
12 **RECONSTRUCTION OF CLARK ENERGY'S TEST-YEAR BILLING**
13 **DETERMINANTS?**

14 A. Yes. The reconstruction of Clark Energy's billing determinants is shown on Exhibit
15 JW-9.

16 **Q. WHAT ARE THE PROPOSED CHARGES FOR CLARK ENERGY'S**
17 **RESIDENTIAL RATE CLASS?**

1 A. Clark Energy is proposing to increase the Residential Rate R customer charge from
2 \$12.43 to \$18.00 per month, and to decrease the energy charge from \$0.08832 to
3 \$0.08608 per kWh. These changes apply to the residential PrePay Service Rider
4 also, with no change to the prepay program monthly fee. For the Time of Use
5 Marketing Service Rate D, Clark Energy is proposing to increase the energy charge
6 (which applies to off-peak hours only) from \$0.05634 to \$0.06264 per kWh.

7 **Q. HOW WERE THE PROPOSED RATES CALCULATED?**

8 A. The rates were calculated such that two constraints were met. The first constraint
9 was that the total incremental revenue resulting from the proposed rates must equal
10 the revenue deficiency (as close as possible with rounding). The second was that
11 the combination of revisions to the customer charge and the energy charge for each
12 rate class must achieve a reasonable overall revenue increase for the class,
13 consistent with the guidance from the COSS and with the principle of gradualism.

14 **Q. HOW WAS THE PROPOSED RESIDENTIAL FACILITY CHARGE OF**
15 **\$18.00 DETERMINED?**

16 A. Clark Energy's residential facility charge is currently \$12.43 per month. The cost
17 of service study shows that the actual cost per month per customer is \$35.01. Clark
18 Energy proposes to increase that charge from \$12.43 to \$18.00 per month because
19 this increase closes 25 percent of the gap between the current rate and the cost-
20 based rate. In other words the proposed rate change moves about one-fourth (1/4)
21 of the way toward cost-based rates. This movement is consistent with the
22 ratemaking principle of gradualism.

1 **Q. HOW WAS THE PROPOSED RESIDENTIAL ENERGY CHARGE**
2 **REDUCTION DETERMINED?**

3 A. Because the proposed increase to the monthly facility charge generates revenue in
4 excess of the overall target 2.00% increase, the residential energy charge was
5 reduced by the increment required to allow Clark Energy to achieve the overall
6 2.00% target increase (with rounding).

7 **Q. HOW WAS THE PROPOSED TIME OF USE MARKETING SERVICE**
8 **RATE INCREASE DETERMINED?**

9 A. Clark Energy's Time of Use Marketing Service energy charge (applicable only to
10 off-peak hours) is currently \$0.05634 per kWh. The cost of service study shows
11 that the actual cost is \$0.07544 per kWh. Clark Energy proposes to increase the
12 charge from \$0.05634 to \$0.06264 per kWh because this increase closes 33 percent
13 of the gap between the current rate and the cost-based rate. In other words the
14 proposed rate change moves about one-third (1/3) of the way toward cost-based
15 rates. A larger movement than for Residential Rate R is warranted because the rate
16 of return for this rate class is notably worse than that of Rate R. This movement is
17 consistent with the ratemaking principle of gradualism.

18 **Q. DO THE PROPOSED RATES GENERATE THE EXACT TARGET**
19 **REVENUE INCREASE OF \$916,755?**

20 A. No, but it is extremely close. Due to rate rounding, the proposed rates generate
21 \$916,842 which varies by \$86 from the exact revenue deficiency for the test period,
22 based on test year consumption.

1 Q. WHAT IS THE PROPOSED AVERAGE BILLING INCREASE FOR EACH
2 RATE CLASS?

3 A. Clark Energy is proposing the average billing increases in the following table.

4 **Table 5. Proposed Average Billing Increases**

Rate Class	Average Usage (kWh)	Increase	
		Dollars	Percent
Residential	1,103	\$3.09	2.65%
Time Of Use Marketing Service	371	\$2.34	11.84%
General Power Service < 50kW	1,442	\$0.00	0%
Public Facilities	1,110	\$0.00	0%
General Power Service 50-500kW	29,113	\$0.00	0%
General Power Service 1000-5000kW	874,841	\$0.00	0%
General Power Service 500+kW	136,842	\$0.00	0%
Lighting	N/A	\$0.00	0%
TOTAL	N/A	N/A	2.00%

5

6 Q. WILL THE RATES PROPOSED BY CLARK ENERGY IN THIS
7 PROCEEDING ELIMINATE ALL INTER-CLASS SUBSIDIZATION?

8 A. No. The proposed rates move Clark Energy's rate structures in the direction of cost-
9 based rates without fully adopting those rates. This is consistent with the
10 ratemaking principle of gradualism and will allow the avoidance of rate shock while
11 still making some movement to improve the price signal to members consistent
12 with how Clark Energy actually incurs costs.

13 Q. IS CLARK ENERGY PROPOSING CHANGES TO THE
14 MISCELLANEOUS SERVICE CHARGES IN THIS CASE?

15 A. No.

16 Q. IS CLARK ENERGY PROPOSING CHANGES TO THE LIGHTING
17 SCHEDULE IN THIS CASE?

1 A. No.

2

3

X. FILING REQUIREMENTS

4 **Q. HAVE YOU REVIEWED THE ANSWERS PROVIDED IN THE FILED**
5 **EXHIBITS WHICH ADDRESS CLARK ENERGY'S COMPLIANCE WITH**
6 **THE HISTORICAL PERIOD FILING REQUIREMENTS UNDER 807 KAR**
7 **5:001 AND ITS VARIOUS SUBSECTIONS?**

8 A. Yes. I hereby incorporate and adopt those portions of exhibits for which I am
9 identified as the sponsoring witness as part of this Direct Testimony.

10

11

XI. CONCLUSION

12 **Q. DO YOU HAVE ANY CLOSING COMMENTS?**

13 A. Yes. Clark Energy's rates of return in the COSS clearly demonstrate that the
14 proposed increase in base rates is necessary for Clark Energy's financial health.
15 Clark Energy's revenue deficiency, based on a target OTIER of 1.85, is \$1,051,816
16 or 2.42%. Clark Energy is voluntarily seeking less than this amount, limiting its
17 request to \$916,755 or 2.00%, which yields an OTIER of 1.77. This increase is
18 necessary to meet the financial obligations described in the company witness
19 testimony. The proposed rates are designed to produce revenues that achieve the
20 revenue requirement. In particular, the increase in customer charges is needed to
21 begin moving the rate structure towards cost-based rates, in order to reduce the
22 revenue erosion that results from having too great a portion of utility fixed cost
23 recovery embedded in the variable charge. The Commission has recognized in

1 recent orders that for an electric cooperative that is strictly a distribution utility,
2 there is a need for a means to guard against the revenue erosion that often occurs
3 due to the decrease in sales volumes that accompanies poor regional economics,
4 changes in weather patterns, and the implementation or expansion of demand-side
5 management and energy-efficiency programs. For Clark Energy at this juncture,
6 this is certainly the case. The proposed rates are just and reasonable and should be
7 approved as filed.

8 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

9 **A.** Yes, it does.

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE ELECTRONIC APPLICATION OF)
CLARK ENERGY COOPERATIVE, INC.)
FOR A GENERAL ADJUSTMENT OF) Case No. 2020-00104
RATES PURSUANT TO STREAMLINED)
PROCEDURE PILOT PROGRAM)
ESTABLISHED IN CASE NO. 2018-00407)

VERIFICATION OF JOHN WOLFRAM

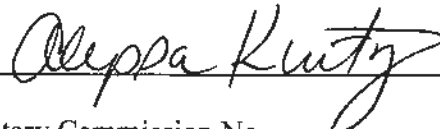
COMMONWEALTH OF KENTUCKY)
COUNTY OF Clark)

John Wolfram, being duly sworn, states that he has supervised the preparation of his Direct Testimony in the above-referenced case and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.



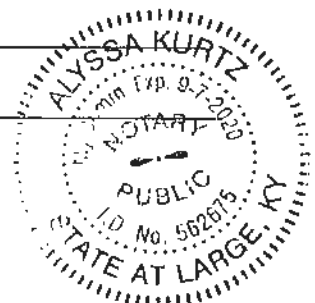
John Wolfram

The foregoing Verification was signed, acknowledged and sworn to before me this 15 day of April, 2020, by John Wolfram.



Notary Commission No. _____

Commission expiration: _____



Case No. 2020-00104
Application Exhibit 9

Direct Testimony of
John Wolfram
Exhibit JW-1

JOHN WOLFRAM

Summary of Qualifications

Provides consulting services to investor-owned utilities, rural electric cooperatives, and municipal utilities regarding utility rate and regulatory filings, cost of service studies, wholesale and retail rate designs, tariffs and special contracts, formula rates, and other analyses.

Employment

CATALYST CONSULTING LLC

Principal

June 2012 – Present

Provide consulting services in the areas of tariff development, regulatory analysis, economic development, revenue requirements, cost of service, rate design, and other utility regulatory areas.

Provide utility clients assistance regarding regulatory policy and strategy; project management support for utilities involved in complex regulatory proceedings; process audits; state and federal regulatory filing development; cost of service development and support; the development of special rates, including economic development rates, to achieve strategic objectives; the development of rate alternatives for use with customers; and energy efficiency program development.

Prepare retail and wholesale rate schedules and/or filings submitted to the Federal Energy Regulatory Commission ("FERC"), state regulators, and/or Boards of Directors for electric and gas utilities.

THE PRIME GROUP, LLC

Senior Consultant

March 2010 – May 2012

E.ON U.S., LLC, Louisville, KY

1997 - 2010

(Louisville Gas & Electric Company and Kentucky Utilities Company)

Director, Customer Service & Marketing (2006 - 2010)

Manager, Regulatory Affairs (2001 - 2006)

Lead Planning Engineer, Generation Planning (1998 - 2001)

Power Trader, LG&E Energy Marketing (1997 - 1998)

PJM INTERCONNECTION, LLC, Norristown, PA

1990 - 1993; 1994 - 1997

Project Lead – PJM OASIS Project

Chair, Data Management Working Group

CINCINNATI GAS & ELECTRIC COMPANY, Cincinnati, OH

1993 - 1994

Electrical Engineer - Energy Management System

Education

Bachelor of Science Degree in Electrical Engineering, University of Notre Dame, 1990

Master of Science Degree in Electrical Engineering, Drexel University, 1997

Leadership Louisville, 2006

Associations

Senior Member, Institute of Electrical and Electronics Engineers (“IEEE”)
IEEE Power Engineering Society

Expert Witness Testimony & Proceedings

FERC: Submitted direct testimony for DATC Path 15, LLC in FERC Docket No. ER20-1006 regarding a proposed wholesale transmission rate.

Submitted direct testimony for Tucson Electric Power Company in FERC Docket No. ER19-2019 regarding a proposed Transmission Formula Rate.

Submitted direct testimony for Cheyenne Light, Fuel & Power Company in FERC Docket No. ER19-697 regarding a proposed Transmission Formula Rate.

Supported Kansas City Power & Light in FERC Docket No. ER19-1861-000 regarding revisions to fixed depreciation rates in the KCP&L SPP Transmission Formula Rate.

Supported Westar Energy and Kansas Gas & Electric Company in FERC Docket No. ER19-269-000 regarding revisions to fixed depreciation rates in the Westar SPP Transmission Formula Rate.

Submitted direct testimony for Midwest Power Transmission Arkansas, LLC in FERC Docket No. ER15-2236 regarding a proposed Transmission Formula Rate.

Submitted direct testimony for Kanstar Transmission, LLC in FERC Docket No. ER15-2237 regarding a proposed Transmission Formula Rate.

Supported Westar Energy and Kansas Gas & Electric Company in FERC Docket Nos. FA15-9-000 and FA15-15-000 regarding an Audit of Compliance with Rates, Terms and Conditions of Westar’s Open Access Transmission Tariff and Formula Rates, Accounting Requirements of the Uniform System of Accounts, and Reporting Requirements of the FERC Form No. 1.

Submitted direct testimony for Westar Energy in FERC Docket Nos. ER14-804 and ER14-805 regarding proposed revisions to a Generation Formula Rate.

Supported Intermountain Rural Electric Association and Tri-State G&T in FERC Docket No. ER12-1589 regarding revisions to Public Service of Colorado’s Transmission Formula Rate.

Supported Intermountain Rural Electric Association in FERC Docket No. ER11-2853 regarding revisions to Public Service of Colorado’s Production Formula Rate.

Supported Kansas Gas & Electric Company in FERC Docket No. FA14-3-000 regarding an Audit of Compliance with Nuclear Plant Decommissioning Trust Fund Regulations and Accounting Practices.

Supported LG&E Energy LLC in FERC Docket No. PA05-9-000 regarding an Audit of Code of Conduct, Standards of Conduct, Market-Based Rate Tariff, and MISO's Open Access Transmission Tariff at LG&E Energy LLC.

Submitted remarks and served on expert panel in FERC Docket No. RM01-10-000 on May 21, 2002 in Standards of Conduct for Transmission Providers staff conference, regarding proposed rulemaking on the functional separation of wholesale transmission and bundled sales functions for electric and gas utilities.

Kansas: Submitted direct and rebuttal testimony for Westar Energy, Inc. in Docket No. 18-WSEE-328-RTS regarding overall rate design, prior rate case settlement commitments, lighting tariffs, an Electric Transit rate schedule, Electric Vehicle charging tariffs, and tariff general terms and conditions.

Submitted direct and rebuttal testimony for Westar Energy, Inc. in Docket No. 18-KG&E-303-CON regarding the Evaluation, Measurement and Verification ("EM&V") of an energy efficiency demand response program offered pursuant to a large industrial customer special contract.

Submitted report for Westar Energy, Inc. in Docket No. 18-WCNE-107-GIE regarding plans and options for funding the decommissioning trust fund, depreciation expenses, and overall cost recovery in the event of premature closing of the Wolf Creek nuclear plant.

Submitted direct and rebuttal testimony for Westar Energy, Inc. in Docket No. 15-WSEE-115-RTS regarding rate designs for large customer classes, establishment of a balancing account related to new rate options, establishment of a tracking mechanism for costs related to compliance with mandated cyber and physical security standards, other rate design issues, and revenue allocation.

Kentucky: Submitted direct testimony on behalf of Big Rivers Electric Corporation in Case No. 2019-00435 regarding an Environmental Compliance Plan and Environmental Surcharge rate mechanism.

Submitted direct testimony and responses to data requests on behalf of Jackson Energy Cooperative in Case No. 2019-00066 regarding revenue requirements, cost of service and rate design in a streamlined rate case.

Submitted direct testimony and responses to data requests on behalf of Jackson Purchase Energy Corporation in Case No. 2019-00053 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a streamlined rate case.

Submitted direct testimony and data request responses on behalf of Big Rivers Electric Corporation in Case No. 2018-00146 regarding ratemaking issues associated with the anticipated termination of contracts regarding the operation of an electric generating plant owned by the City of Henderson, Kentucky.

Submitted direct testimony on behalf of fifteen distribution cooperative owner-members of East Kentucky Power Cooperative in Case No. 2018-00050 regarding the economic evaluation of and potential cost shift resulting from a proposed member purchased power agreement.

Submitted direct testimony on behalf of Big Sandy R.E.C.C. in Case No. 2017-00374 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a base rate case.

Submitted direct testimony on behalf of Progress Metal Reclamation Company in Kentucky Power Company Case No. 2017-00179 regarding the potential implementation of a Load Retention Rate or revisions to an Economic Development Rate.

Submitted direct testimony on behalf of Kenergy Corp. and Big Rivers Electric Corporation in Case No. 2016-00117 regarding a marginal cost of service study in support of an economic development rate for a special contracts customer.

Submitted rebuttal testimony on behalf of Big Rivers Electric Corporation in Case No. 2014-00134 regarding ratemaking treatment of revenues associated with proposed wholesale market-based-rate purchased power agreements with entities in Nebraska.

Submitted direct and rebuttal testimony on behalf of Big Rivers Electric Corporation in Case No. 2013-00199 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a base rate case.

Submitted direct and rebuttal testimony on behalf of Big Rivers Electric Corporation in Case No. 2012-00535 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a base rate case.

Submitted direct and rebuttal testimony on behalf of Big Rivers Electric Corporation in Case No. 2012-00063 regarding an Environmental Compliance Plan and Environmental Surcharge rate mechanism.

Submitted direct, rebuttal, and rehearing direct testimony on behalf of Big Rivers Electric Corporation in Case No. 2011-00036 regarding revenue requirements and pro forma adjustments in a base rate case.

Submitted direct testimony for Louisville Gas & Electric Company in Case No. 2009-00549 and for Kentucky Utilities Company in Case No. 2009-00548 for adjustment of electric and gas base rates, in support of a new service offering for Low Emission Vehicles, revised special charges, and company offerings aimed at assisting customers.

Submitted discovery responses for Kentucky Utilities and/or Louisville Gas & Electric Company in various customer inquiry matters, including Case Nos. 2009-00421, 2009-00312, and 2009-00364.

Submitted discovery responses for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2008-00148 regarding the 2008 Joint Integrated Resource Plan.

Submitted discovery responses for Louisville Gas & Electric Company and Kentucky Utilities Company in Administrative Case No. 2007-00477 regarding an investigation of the energy and regulatory issues in Kentucky's 2007 Energy Act.

Submitted direct testimony for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2007-00319 for the review, modification, and continuation of Energy Efficiency Programs and DSM Cost Recovery Mechanisms.

Submitted direct testimony for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2007-00067 for approval of a proposed Green Energy program and associated tariff riders.

Submitted direct testimony for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2005-00467 and 2005-00472 regarding a Certificate of Public Convenience and Necessity for the construction of transmission facilities.

Submitted discovery responses for Kentucky Utilities in Case No. 2005-00405 regarding the transfer of a utility hydroelectric power plant to a private developer.

Submitted discovery responses for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2005-00162 for the 2005 Joint Integrated Resource Plan.

Presented company position for Louisville Gas & Electric Company and Kentucky Utilities Company at public meetings held in Case Nos. 2005-00142 and 2005-00154 regarding routes for proposed transmission lines.

Supported Louisville Gas & Electric Company and Kentucky Utilities Company in an Investigation into their Membership in the Midwest Independent Transmission System Operator, Inc. ("MISO") in Case No. 2003-00266.

Supported Louisville Gas & Electric Company and Kentucky Utilities Company in a Focused Management Audit of Fuel Procurement practices by Liberty Consulting in 2004.

Supported Louisville Gas & Electric Company and Kentucky Utilities Company in a Focused Management Audit of its Earning Sharing Mechanism by Barrington-Wellesley Group in 2002-2003.

Submitted direct testimony for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2002-00381 regarding a Certificate of Public Convenience and Necessity for the acquisition of four combustion turbines.

Submitted direct testimony for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2002-00029 regarding a Certificate of Public Convenience and Necessity for the acquisition of two combustion turbines.

Virginia: Submitted direct testimony for Kentucky Utilities Company d/b/a Old Dominion Power in Case No. PUE-2002-00570 regarding a Certificate of Public Convenience and Necessity for the acquisition of four combustion turbines.

Presentations

"Revisiting Rate Design Strategies" presented to APPA Public Power Forward Summit, November 2019.

"Utility Rates at the Crossroads" presented to APPA Business & Financial Conference, September 2019.

"New Developments in Kentucky Rate Filings" presented to Kentucky Electric Cooperatives Accountants' Association Summer Meeting, June 2019.

"Electric Rates: New Approaches to Ratemaking" presented to CFC Statewide Workshop for Directors, January 2019.

"The Great Rate Debate: Residential Demand Rates" presented to CFC Forum, June 2018.

"Benefits of Cost of Service Studies" presented to Tri-State Electric Cooperatives Accountants' Association Spring Meeting, April 2017.

"Proper Design of Utility Rate Incentives" presented to APPA/Area Development's Public Power Consultants Forum, March 2017.

"Utility Hot Topics and Economic Development" presented to APPA/Area Development's Public Power Consultants Forum, March 2017.

"Emerging Rate Designs" presented to CFC Independent Borrowers Executive Summit, November 2016.

"Optimizing Economic Development" presented to Grand River Dam Authority Municipal Customer Annual Meeting, September 2016.

"Tomorrow's Electric Rate Designs, Today" presented to CFC Forum, June 2016.

"Reviewing Rate Class Composition to Support Sound Rate Design" presented to EEI Rate and Regulatory Analysts Group Meeting, May 2016.

"Taking Public Power Economic Development to the Next Level" presented to APPA/Area Development's Public Power Consultants Forum, March 2016.

"Ratemaking for Environmental Compliance Plans" presented to NARUC Staff Subcommittee on Accounting and Finance Fall Conference, September 2015.

"Top Utility Strategies for Successful Attraction, Retention & Expansion" presented to APPA/Area Development's Public Power Consultants Forum, March 2015.

"Economic Development and Load Retention Rates" presented to NARUC Staff Subcommittee on Accounting and Finance Fall Conference, September 2013.

"Rates for Distributed Generation" presented to 2010 Electric Cooperative Rate Conference, October 2010.

"What Utilities Can Do to Advance Energy Efficiency in Kentucky" panel session of Second Annual Kentucky Energy Efficiency Conference, October 2007.

Articles

"Economic Development Rates: Public Service or Piracy?" *IAEE Energy Forum*, International Association for Energy Economics, 2016 Q1 (January 2016), 17-20.

Case No. 2020-00104
Application Exhibit 9

Direct Testimony of
John Wolfram
Exhibit JW-2

CLARK ENERGY COOPERATIVE
Statement of Operations & Revenue Requirement
For the 12 Months Ended December 31, 2019

Line #	Description (1)	Actual Test Year (2)	Test Year w FAC Roll-In (3)	Pro Forma Adjustments (4)	Pro Forma Test Yr (5)	Proposed Rates (6)
1	<u>Operating Revenues</u>					
2	Total Sales of Electric Energy	46,517,807	45,837,767	(2,349,833)	43,487,934	44,404,689
3	Other Electric Revenue	1,459,768	1,459,768	(195,902)	1,263,866	1,263,866
4	Total Operating Revenue	47,977,575	47,297,535	(2,545,735)	44,751,800	46,668,556
5						
6	<u>Operating Expenses:</u>					
7	Purchased Power	31,106,651	31,106,651	(2,348,796)	28,757,855	28,757,855
8	Distribution Operations	2,007,139	2,007,139	-	2,007,139	2,007,139
9	Distribution Maintenance	3,520,873	3,520,873	-	3,520,873	3,520,873
10	Customer Accounts	1,313,590	1,313,590	-	1,313,590	1,313,590
11	Customer Service	330,284	330,284	-	330,284	330,284
12	Sales Expense	7,658	7,658	-	7,658	7,658
13	A&G	1,454,846	1,454,846	(134,437)	1,320,409	1,320,409
14	Total O&M Expense	39,741,041	39,741,041	(2,483,233)	37,257,808	37,257,808
15						
16	Depreciation	5,308,725	5,308,725	(83,099)	5,223,626	5,223,626
17	Taxes - Other	63,374	63,374	-	63,374	63,374
18	Interest on LTD	1,788,590	1,788,590	(89,638)	1,698,952	1,698,952
19	Interest - Other	63,195	63,195	-	63,195	63,195
20	Other Deductions	52,553	52,553	-	52,553	52,553
21						
22	Total Cost of Electric Service	47,015,478	47,015,478	(2,655,971)	44,359,507	44,359,507
23						
24	Utility Operating Margins	962,097	282,067	110,236	392,293	1,309,048
25						
26	Non-Operating Margins - Interest	57,924	57,924	-	57,924	57,924
27	Income(Loss) from Equity Investments	255,303	255,303	-	255,303	255,303
28	Non-Operating Margins - Other	12,289	12,289	-	12,289	12,289
29	G&T Capital Credits	1,217,024	1,217,024	(1,217,024)	-	-
30	Other Capital Credits	61,755	61,755	-	61,755	61,755
31						
32	Net Margins	2,566,392	1,886,352	(1,106,788)	779,564	1,696,319
33						
34	Cash Receipts from Lenders	-	-	-	-	-
35	OTIER	1.54	1.16	-	1.23	1.77
36	TIER	2.43	2.05	-	1.46	2.00
37	TIER excluding GTCC	1.75	1.37	-	1.46	2.00
38						
39	Target OTIER	1.85	1.85	-	1.85	-
40	Margins at Target OTIER	3,124,597	3,124,597	-	1,831,380	-
41	Revenue Requirement	50,140,075	50,140,075	-	46,190,887	-
42	Revenue Deficiency (Excess)	558,204	1,238,244	-	1,051,816	-
43						
44	Total Sales of Electric Energy	46,517,807	45,837,767	-	43,487,934	-
45	Needed Sales of Electric Energy	47,076,011	47,076,011	-	44,539,750	-
46	Increase	558,204	1,238,244	-	1,051,816	-
47	Increase	1.20%	2.70%	-	2.42%	-
48						
49	Cap on Increase	4.00%	4.00%	-	4.00%	-
50	Capped Increase Amount	1,860,712	1,833,511	-	1,739,517	-
51						
52	Permissible Increase	558,204	1,238,244	-	1,051,816	-
53	Permissible Increase	1.20%	2.70%	-	2.42%	-
54						
55	Increase \$		\$ 916,755			\$ 916,755
56	Increase %		2.00%			2.00%

CLARK ENERGY COOPERATIVE
Summary of Pro Forma Adjustments

Reference Schedule #	Item (1)	Revenue (2)	Expense (3)	Non- Operating Income (4)	Net Margin (5)
1.01	Fuel Adjustment Clause	1,700,769	1,819,165	-	(118,396)
1.02	Environmental Surcharge	(4,213,269)	(4,271,752)	-	58,483
1.03	Rate Case Expenses	-	16,667	-	(16,667)
1.04	Year-End Customer Normalization	162,668	103,791	-	58,877
1.05	GTCC	-	-	(1,217,024)	(1,217,024)
1.06	Non-Recurring Items	(195,902)	(4,298)	-	(191,604)
1.07	Depreciation Expense Normalization	-	(83,099)	-	83,099
1.08	Advertising & Donations	-	(67,535)	-	67,535
1.09	Directors Expense	-	(58,646)	-	58,646
1.10	Interest	-	(89,638)	-	89,638
1.11	Life Insurance Premiums	-	(20,626)	-	20,626
Total		(2,545,735)	(2,655,971)	(1,217,024)	(1,106,788)

CLARK ENERGY COOPERATIVE
Summary of Adjustments to Test Year Balance Sheet

Line #	Description (1)	Actual Test Yr (2)	Pro Forma Adjs (3)	Pro Forma Test Yr (4)
1	Assets and Other Debits			
2	Total Utility Plant in Service	135,734,701	-	135,734,701
3	Construction Work in Progress	781,245	-	781,245
4	Total Utility Plant	136,515,946	-	136,515,946
5	Accum Provision for Depr and Amort	44,500,228	-	44,500,228
6	Net Utility Plant	92,015,718	-	92,015,718
7				
8	Investment in Subsidiary Companies	2,498,725	-	2,498,725
9	Investment in Assoc Org - Patr Capital	29,113,880	-	29,113,880
10	Investment in Assoc Org - Other Gen Fnd	-	-	-
11	Investment in Assoc Org - Non Gen Fnd	840,389	-	840,389
12	Investment in Economic Development Projects	1,925,924	-	1,925,924
13	Other Investment	-	-	-
14	Special Funds	115,849	-	115,849
15	Total Other Prop & Investments	34,494,767	-	34,494,767
16				
17	Cash - General Funds	516,133	-	516,133
18	Cash - Construction Fund Trust	-	-	-
19	Special Deposits	30	-	30
20	Temporary Investments	-	-	-
21	Accts Receivable - Sales Energy (Net)	1,489,967	-	1,489,967
22	Accts Receivable - Other (Net)	727,528	-	727,528
23	Renewable Energy Credits	-	-	-
24	Material & Supplies - Elec & Other	502,916	-	502,916
25	Prepayments	114,904	-	114,904
26	Other Current & Accr Assets	9,314	-	9,314
27	Total Current & Accr Assets	3,360,792	-	3,360,792
28				
29	Other Regulatory Assets	-	-	-
30	Other Deferred Debits	2,393,048	-	2,393,048
31				
32	Total Assets & Other Debits	132,264,325	-	132,264,325
33				
34	Liabilities & Other Credits			
35	Memberships	-	-	-
36	Patronage Capital	56,497,587	-	56,497,587
37	Operating Margins - Current Year	2,240,877	-	2,240,877
38	Non-Operating Margins	325,516	-	325,516
39	Other Margins & Equities	2,106,304	-	2,106,304
40	Total Margins & Equities	61,170,284	-	61,170,284
41				
42	Long Term Debt - RUS (Net)	-	-	-
43	Long Term Debt - FFB - RUS GUAR	49,980,137	-	49,980,137
44	Long Term Debt - Other - RUS GUAR	-	-	-
45	Long Term Debt - Other (Net)	6,926,344	-	6,926,344
46	Long Term Debt - RUS -Econ Dev - Net	1,722,215	-	1,722,215
47	Total Long Term Debt	58,628,696	-	58,628,696
48				
49	Accum Operating Provisions	4,035,117	-	4,035,117
50				
51	Notes Payable	1,900,000	-	1,900,000
52	Accounts Payable	588,899	-	588,899
53	Consumer Deposits	1,056,654	-	1,056,654
54	Current Maturities LTD	3,078,900	-	3,078,900
55	Current Maturities LTD - Econ Dev	222,228	-	222,228
56	Other Current & Accr Liabilities	1,365,962	-	1,365,962
57	Total Current & Accr Liabilities	8,212,643	-	8,212,643
58				
59	Regulatory Liabilities	-	-	-
60	Other Deferred Credits	217,585	-	217,585
61	Total Liabilities & Other Credits	132,264,325	-	132,264,325

CLARK ENERGY COOPERATIVE
Summary of Adjustments to Test Year Statement of Operations

	Reference Schedule >	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	TOTAL
	Item >	Fuel Adjustment Clause	Environmental Surcharge	Rate Case Expenses	Year-End Customer Normalization	GTCC	Non-Recuring Items	Depreciation Expense Normalization	Advertising & Donations	Directors Expense	Interest	Life Insurance Premiums	
1													
2	<u>Operating Revenues:</u>												
3	Base Rates				162,668								162,668
4	FAC & ES	1,700,769	(4,213,269)										(2,512,501)
5	<u>Other Electric Revenue</u>						(195,902)						(195,902)
6	<u>Total Revenues</u>	<u>1,700,769</u>	<u>(4,213,269)</u>	<u>0</u>	<u>162,668</u>	<u>0</u>	<u>(195,902)</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>(2,545,735)</u>
7													
8	<u>Operating Expenses:</u>												
9	Purchased Power				103,791								103,791
10	Base Rates												0
11	FAC & ES	1,819,165	(4,271,752)										(2,452,587)
12	Distribution - Operations												0
13	Distribution - Maintenance												0
14	Consumer Accounts												0
15	Customer Service												0
16	Sales												0
17	<u>Administrative and General</u>			16,667			(4,298)		(67,535)	(58,646)		(20,626)	(134,437)
18	<u>Total Operating Expenses</u>	<u>1,819,165</u>	<u>(4,271,752)</u>	<u>16,667</u>	<u>103,791</u>	<u>0</u>	<u>(4,298)</u>	<u>0</u>	<u>(67,535)</u>	<u>(58,646)</u>	<u>0</u>	<u>(20,626)</u>	<u>(2,483,233)</u>
19													
20	Depreciation							(83,099)					(83,099)
21	Taxes - Other												0
22	Interest on Long Term Debt										(89,638)		(89,638)
23	Interest Expense - Other												0
24	<u>Other Deductions</u>												0
25	<u>Total Cost of Electric Service</u>	<u>1,819,165</u>	<u>(4,271,752)</u>	<u>16,667</u>	<u>103,791</u>	<u>0</u>	<u>(4,298)</u>	<u>(83,099)</u>	<u>(67,535)</u>	<u>(58,646)</u>	<u>(89,638)</u>	<u>(20,626)</u>	<u>(2,655,971)</u>
26													
27	Utility Operating Margins	(118,396)	58,483	(16,667)	58,877	0	(191,604)	83,099	67,535	58,646	89,638	20,626	110,236
28													
29	Non-Operating Margins - Interest												0
29a	Income(Loss) from Equity Invstmnts												0
30	Non-Operating Margins - Other												0
31	G&T Capital Credits					(1,217,024)							(1,217,024)
32	<u>Other Capital Credits</u>												0
33	<u>Total Non-Operating Margins</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>(1,217,024)</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>(1,217,024)</u>
34													
35	<u>Net Margins</u>	<u>(118,396)</u>	<u>58,483</u>	<u>(16,667)</u>	<u>58,877</u>	<u>(1,217,024)</u>	<u>(191,604)</u>	<u>83,099</u>	<u>67,535</u>	<u>58,646</u>	<u>89,638</u>	<u>20,626</u>	<u>(1,106,788)</u>

CLARK ENERGY COOPERATIVE
For the 12 Months Ended December 31, 2019

Fuel Adjustment Clause

Line #	Year (1)	Month (2)	Revenue (3)	Expense (4)
1	2019	Jan	\$ (160,303)	\$ 23,150
2	2019	Feb	\$ 92,026	\$ (243,304)
3	2019	Mar	\$ (182,620)	\$ (102,166)
4	2019	Apr	\$ (102,346)	\$ (179,467)
5	2019	May	\$ (149,567)	\$ (46,199)
6	2019	Jun	\$ (66,392)	\$ (111,168)
7	2019	Jul	\$ (223,137)	\$ (112,980)
8	2019	Aug	\$ (130,267)	\$ (198,011)
9	2019	Sep	\$ (150,797)	\$ (201,415)
10	2019	Oct	\$ (151,039)	\$ (215,857)
11	2019	Nov	\$ (221,961)	\$ (163,960)
12	2019	Dec	\$ (254,367)	\$ (267,788)
13		TOTAL	\$ (1,700,769)	\$ (1,819,165)
14				
15		Test Year Amount	\$ (1,700,769)	\$ (1,819,165)
16				
17		Pro Forma Year Amount	\$ -	\$ -
18				
19		Adjustment	\$ 1,700,769	\$ 1,819,165

This adjustment removes the FAC revenues and expenses from the test period.

CLARK ENERGY COOPERATIVE
For the 12 Months Ended December 31, 2019

Environmental Surcharge

Line #	Year (1)	Month (2)	Revenue (3)	Expense (4)
1	2019	Jan	\$ 438,805	\$ 472,811
2	2019	Feb	\$ 460,120	\$ 443,471
3	2019	Mar	\$ 293,111	\$ 281,792
4	2019	Apr	\$ 251,432	\$ 296,087
5	2019	May	\$ 253,591	\$ 273,092
6	2019	Jun	\$ 301,245	\$ 281,706
7	2019	Jul	\$ 385,604	\$ 375,511
8	2019	Aug	\$ 438,280	\$ 436,428
9	2019	Sep	\$ 407,771	\$ 404,965
10	2019	Oct	\$ 293,925	\$ 315,213
11	2019	Nov	\$ 312,059	\$ 280,670
12	2019	Dec	\$ 377,328	\$ 410,006
13		TOTAL	\$ 4,213,269	\$ 4,271,752
14				
15		Test Year Amount	\$ 4,213,269	\$ 4,271,752
16				
17		Pro Forma Year Amount	\$ -	\$ -
18				
19		Adjustment	\$ (4,213,269)	\$ (4,271,752)

This adjustment removes the Environmental Surcharge revenues and expenses from the test period.

CLARK ENERGY COOPERATIVE
For the 12 Months Ended December 31, 2019

Rate Case Expenses

Line #	Item (1)	Expense (2)
1	Legal - Goss Samford PLLC	\$ 30,000
2	Consulting - Catalyst Consulting LLC	\$ 20,000
3	Subtotal	\$ 50,000
4		
5	Total Amount	\$ 50,000
6	Amortization Period (Years)	\$ 3
7	Annual Amortization Amount	\$ 16,667
8		
9	Test Year Amount	\$ -
10		
11	Pro Forma Year Amount	\$ 16,667
12		
13	<u>Adjustment</u>	<u>\$ 16,667</u>

This adjustment estimates the rate case costs amortized over a 3 year period, consistent with standard Commission practice.

CLARK ENERGY COOPERATIVE
For the 12 Months Ended December 31, 2019

Year-End Customers

Line #	Year (1)	Month (2)	Res Rate R (3)	GS Rate C (4)	Pub Rate E (5)	GS Rate L (6)	Total (7)
1	2019	Jan	24,475	1,709	299	108	
2	2019	Feb	24,489	1,718	296	108	
3	2019	Mar	24,498	1,719	300	108	
4	2019	Apr	24,540	1,731	302	108	
5	2019	May	24,559	1,752	301	110	
6	2019	Jun	24,528	1,756	308	110	
7	2019	Jul	24,579	1,745	300	110	
8	2019	Aug	24,643	1,735	303	111	
9	2019	Sep	24,666	1,734	304	111	
10	2019	Oct	24,611	1,750	305	113	
11	2019	Nov	24,703	1,758	305	112	
12	2019	Dec	24,667	1,748	299	111	
13		Average	24,580	1,738	302	110	
14							
15		End of Period Increase over Avg	87	10	(3)	1	
16							
17		Total kWh	325,430,949	30,081,135	4,019,829	38,429,279	
18		Average kWh	13,240	17,308	13,311	349,357	
19		Year-End kWh Adjustment	1,151,851	173,079	(39,932)	349,357	1,634,355
20							
21		Revenue Adjustment					
22		Current Base Rate Revenue	\$ 32,930,442	\$ 2,934,373	\$ 449,377	\$ 3,706,109	
23		Average Revenue per kWh	\$ 0.10119	\$ 0.09755	\$ 0.11179	\$ 0.09644	
24		Year End Revenue Adj	\$ 116,556	\$ 16,884	\$ (4,464)	\$ 33,692	162,668
25							
26		Expense Adjustment					
27		Avg Adj Purchase Exp per kWh	0.06351	0.06351	0.06351	0.06351	
28		Year End Expense Adj	\$ 73,149	\$ 10,991	\$ (2,536)	\$ 22,186	103,790.7
29							
30							
31			Revenue	Expense			Net Rev
32		Test Year Amount	\$ -	\$ -			\$ -
33							
34		Pro Forma Year Amount	\$ 162,668	\$ 103,791			\$ 58,877
35							
36		Adjustment	\$ 162,668	\$ 103,791			\$ 58,877
37							
38							
39		For Expense Adjustment:		Test Period			
40		Total Purchased Power Expense		\$ 31,106,651			
41		Less Fuel Adjustment Clause		\$ 1,819,165			
42		Less Environmental Surcharge		\$ (4,274,976)			
43		Less DLC & Green Power Charges		\$ 2,338			
44		Adjusted Purchased Power Expense		\$ 28,653,178			
45		Total Purchased Power kWh		451,191,177			

This adjustment adjusts the test year expenses and revenues to reflect the number of customers at the end of the test year.

CLARK ENERGY COOPERATIVE
For the 12 Months Ended December 31, 2019

G&T Capital Credits

Line #	Item (1)	Account (2)	Expense (3)
1	East Kentucky Power Cooperative	424.00	\$ 1,217,024
2			
3	Test Year Amount		\$ 1,217,024
4			
5	Pro Forma Year Amount		\$ -
6			
7	<u>Adjustment</u>		<u>\$ (1,217,024)</u>

This adjustment removes the G&T Capital Credits from the test period, consistent with Commission practice.

CLARK ENERGY COOPERATIVE
For the 12 Months Ended December 31, 2019

Non-Recurring Items

Line #	Item (1)	Revenue (2)	Expense (3)
1	AT&T Back-billing for joint pole usage	195,902	-
2	Acct 923 - Legal Services	-	3,845
3	Acct 923 - KAEC Dinner	-	207
4	Acct 923 - KAEC Annual Meeting Meals	-	246
5	Test Year Total Amount	195,902	4,298
6			
7	Pro Forma Year Amount	-	-
8			
9	<u>Adjustment</u>	<u>(195,902)</u>	<u>(4,298)</u>

This adjustment adjusts revenues and expenses to remove any non-recurring items.

CLARK ENERGY COOPERATIVE
For the 12 Months Ended December 31, 2019

Depreciation

Line #	Acct #	Description	Test Yr Ending Bal	Fully Depr Items	Rate	Normalized Expense	Test Year Expense	Pro Forma Adj
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	<u>Distribution Plant</u>							
1	301.00	Intangible Plant	183					
2	360.00	Land	304,008					
3	362.00	Station equipment	1,107,552	-	6.67%	73,896		
4	364.00	Poles, towers & fixtures	34,364,784	-	3.73%	1,282,494		
5	365.00	Overhead conductors & devices	38,743,521	-	5.05%	1,957,323		
6	366.00	Underground conduit	2,726,509	-	3.10%	84,413		
7	367.00	Underground conductor & devices	6,229,600	-	4.19%	260,896		
8	368.00	Line transformers	16,664,649	-	3.04%	505,939		
9	369.00	Services	12,458,315	-	2.38%	296,010		
10	370.00	Meters	1,748,218	-	6.67%	116,641		
11	370.10	Automated Meter Reading	896,601	-	6.67%	46,477		
12	370.40	AMI/TS2 Modules	432,283	-	6.67%	28,842		
13	370.50	RF Metering	4,166,519	-	6.67%	277,990		
14	371.00	Installations on customer premises	3,415,222	-	6.07%	207,372		
15	373.00	Street Lighting / signal systems	775,057	-	7.33%	56,827		
16		Subtotal	123,833,021	-		5,195,119	5,028,015	167,104
17								
18	<u>General Plant</u>							
19	389.00	Land	16,614					
20	390.00	Structures and improvements	3,870,893	1,672,302	1.99%	43,796		
21	391.00	Office furn and eqt	369,141	327,373	7.00%	2,924		
22	391.01	Computer/equipment	1,079,659	907,137	15.96%	27,534		
23	391.02	Computer software	587,436	539,099	20.00%	9,667		
24	393.00	Stores	132,683	102,514	6.00%	1,810		
25	394.00	Tools, shop and garage	366,551	298,282	6.00%	5,296		
26	395.00	Laboratory	173,057	122,079	6.00%	3,059		
27	396.00	Power operated	162,665	133,243	12.00%	3,531		
28	397.00	Communications	854,325	460,212	8.04%	31,687		
29	398.00	Miscellaneous	640,529	501,259	10.00%	13,921		
30		Subtotal	8,273,554	6,063,499		143,225	278,710	(135,484)
31	A	Distribution & General Subtotal	132,106,575	6,063,499		5,338,344	5,306,725	31,620
32								
33	<u>Transportation Charged to Clearing</u>							
34	392.00	Transportation	3,628,126	2,606,238	15.60%	159,415	344,934	\$ (185,519)
35	B	Allocation of Clearing to O&M						\$ (114,719)
36								
37	A+B	TOTAL	135,734,701	7,669,737		5,497,759	5,651,658	(83,899)
38								
39	This adjustment normalizes depreciation expenses by replacing test year actual expenses with test year end balances, less any fully depreciated items, at approved depreciation rates.							
40								
41	<u>Allocation of Clearing to O&M</u>							
42								
43	580-589	Operations	\$ 472,174	13.5%	\$ (25,091)			
44	590-598	Maintenance	\$ 627,414	18.0%	\$ (33,340)			
45	901-905	Consumer Accounts	\$ 495,151	14.2%	\$ (26,312)			
46	907-912	Customer Service	\$ 184,842	5.3%	\$ (9,822)			
47	920-935	Administrative & General	\$ 379,260	10.9%	\$ (20,154)			
48		Subtotal	\$ 2,158,840	%	\$ (114,719)			
49								
50	Capital	Balance Sheet Accounts	\$ 1,332,358	38.2%	\$ (70,800)			
51		Subtotal		38.2%	\$ (70,800)			
52								
53		Total	\$ 3,491,198	100.0%	\$ (185,519)			

CLARK ENERGY COOPERATIVE
For the 12 Months Ended December 31, 2019

Donations, Promotional Advertising, & Dues

Line #	Item (1)	Account (2)	Expense (3)
1	Donations	426.10	\$ 13,243.68
2	Misc Advertising Expense	930.10	\$ 5,797.52
3	Misc Expense	930.20	\$ 13,289.30
4	Annual Meeting - Prizes/Shirts	930.21	\$ 3,616.00
5	Director Elections	930.22	\$ 299.00
6	Member Education	930.23	\$ 25,351.00
7	Membership Dues	930.24	\$ 5,938.00
8	KY Living Magazine	930.25	\$ -
9	Test Year Amount		\$ 67,534.50
10			
11	Pro Forma Year Amount		\$ -
12			
13	<u>Adjustment</u>		<u>\$ (67,534.50)</u>

This adjustment removes charitable donations, promotional advertising expenses, and other applicable items from the revenue requirement consistent with standard Commission practices.

CLARK ENERGY COOPERATIVE
For the 12 Months Ended December 31, 2019

Directors Expense

Line #	Item (1)	Account (2)	Expense (3)
1	Director Expenses	930.40-50 \$	58,646
2			
3	Test Year Amount	\$	58,646
4			
5	Pro Forma Year Amount	\$	-
6			
7	Adjustment	\$	(58,646)

This adjustment removes certain Director expenses from the revenue requirement consistent with the Commission Orders in Case No. 2018-00407.

CLARK ENERGY COOPERATIVE
For the 12 Months Ended December 31, 2019

Interest on Long Term Debt

Line #	Type of Debt Issued (1)	Actual Date (2)	Actual Amount (3)	Pro Forma Date (4)	Pro Forma Amount (5)	Pro Forma Adj (6)
1	FBB Loans					
2	FFB Quarterly Payment	3/31/2019	\$ 378,711	3/31/2020	\$ 355,503	\$ (23,207)
3	FFB Quarterly Payment	6/30/2019	\$ 371,527	6/30/2020	\$ 352,463	\$ (19,064)
4	FFB Quarterly Payment	9/30/2019	\$ 352,264	9/30/2020	\$ 352,754	\$ 490
5	FFB Quarterly Payment	12/31/2019	\$ 360,721	12/31/2020	\$ 349,970	\$ (10,751)
6			<u>\$ 1,463,223</u>		<u>\$ 1,410,691</u>	<u>\$ (52,532)</u>
7	CFC Loans					\$ -
8	CFC LTD/Interest Accrual	1/31/2019	\$ 35,900	1/31/2020	\$ 25,668	\$ (10,232)
9	CFC LTD/Interest Accrual	2/28/2019	\$ 16,269	2/29/2020	\$ 25,530	\$ 9,261
10	CFC LTD/Interest Accrual	3/31/2019	\$ 26,930	3/31/2020	\$ 24,890	\$ (2,040)
11	CFC LTD/Interest Accrual	4/30/2019	\$ 28,500	4/30/2020	\$ 24,752	\$ (3,748)
12	CFC LTD/Interest Accrual	5/31/2019	\$ 28,512	5/31/2020	\$ 24,619	\$ (3,899)
13	Correct JE 189299	6/20/2019	\$ 28,729	6/20/2020	\$ -	\$ (28,729)
14	CFC LTD/Interest Accrual	6/30/2019	\$ 19,500	6/30/2020	\$ 24,002	\$ 4,502
15	CFC LTD/Interest Accrual	7/31/2019	\$ 27,200	7/31/2020	\$ 23,863	\$ (3,337)
16	CFC LTD/Interest Accrual	8/31/2019	\$ 8,589	8/31/2020	\$ 23,724	\$ 15,135
17	CFC LTD/Interest Accrual	9/30/2019	\$ 23,700	9/30/2020	\$ 23,100	\$ (600)
18	CFC LTD/Interest Accrual	10/31/2019	\$ 26,514	10/31/2020	\$ 22,962	\$ (3,552)
19	CFC LTD/Interest Accrual	11/30/2019	\$ 28,787	1/30/2020	\$ 22,823	\$ (5,964)
20	CFC LTD/Interest Accrual	12/31/2019	\$ 26,236	12/31/2020	\$ 22,334	\$ (3,902)
21			<u>\$ 325,367</u>		<u>\$ 288,261</u>	<u>\$ (37,106)</u>
22						
23	Total Adjustment					<u>\$ (89,638)</u>

This adjustment normalizes the interest on Long-Term Debt. Test year cost of debt is adjusted to 2020 debt payment schedule for each loan.

CLARK ENERGY COOPERATIVE
For the 12 Months Ended December 31, 2019

Life Insurance Premiums

Line #	Item (1)	Account (2)	Expense (3)
1	Life Insurance Premiums - employees	\$	19,720
2	Life Insurance Premiums - spouses	\$	906
3			
4	<u>Test Year Amount</u>	<u>\$</u>	<u>20,626</u>
5			
6	Pro Forma Year Amount	\$	-
7			
8	<u>Adjustment</u>	<u>\$</u>	<u>(20,626)</u>

This adjustment removes Life Insurance premiums above the lesser of employee salary or \$50,000 per employee from the revenue requirement consistent with the Commission Orders in Case No. 2018-00407.

Case No. 2020-00104
Application Exhibit 9

Direct Testimony of
John Wolfram
Exhibit JW-3

CLARK ENERGY COOPERATIVE
Summary of Rates of Return by Class

2019

#	Rate (1)	Code (2)	Pro Forma Operating Revenue (3)	Pro Forma Operating Expenses (4)	Margin (5)	Rate Base (6)	Pro Forma Rate of Return on Rate Base (7)	Unitized Rate of Return on Rate Base (8)
1	Residential	R	\$ 33,514,761	\$ 34,014,627	\$ (499,866)	\$ 155,566,888	-0.32%	(0.26)
2	Resid TOU	D	\$ 42,938	\$ 107,971	\$ (65,034)	\$ 790,054	-8.23%	(6.56)
3	General Power Service < 50kW	C	\$ 3,633,587	\$ 2,946,101	\$ 687,486	\$ 12,206,373	5.63%	4.49
4	Public Facilities	E	\$ 462,689	\$ 403,813	\$ 58,876	\$ 1,820,362	3.23%	2.58
5	General Power Service 50-500kW	L	\$ 3,758,907	\$ 2,694,831	\$ 1,064,076	\$ 3,673,648	28.97%	23.08
6	General Power Service 1000-5000kW	M	\$ 861,832	\$ 629,663	\$ 232,170	\$ 411,156	56.47%	44.99
7	General Power Service 500+kW	P	\$ 1,296,732	\$ 1,019,415	\$ 277,316	\$ 1,251,204	22.16%	17.66
8	Lighting	S,T,O	\$ 1,179,387	\$ 638,747	\$ 540,640	\$ 7,168,596	7.54%	6.01
9	Total		\$ 44,750,833	\$ 42,455,169	\$ 2,295,664	\$ 182,888,282	1.26%	1.00

#	Rate	Code	Share of Revenue	Share of Energy
10	Residential	R	74.9%	75.8%
11	Resid TOU	D	0.1%	0.2%
12	General Power Service < 50kW	C	8.1%	7.0%
13	Public Facilities	E	1.0%	0.9%
14	General Power Service 50-500kW	L	8.4%	8.9%
15	General Power Service 1000-5000kW	M	1.9%	2.4%
16	General Power Service 500+kW	P	2.9%	3.4%
17	Lighting	S,T,O	2.6%	1.3%
18	Total		100.0%	100.0%

CLARK ENERGY COOPERATIVE
Summary of Cost-Based Rates

Classified Cost-Based Rates					
#	Rate (1)	Code (2)	Customer \$/Month (3)	Energy \$/KWH (4)	Demand \$/KW (5)
1	Residential	R	35.01	0.08118	-
2	Resid TOU	D	35.07	0.07544	-
3	General Power Service < 50kW	C	38.46	0.07840	-
4	Public Facilities	E	35.76	0.04831	4.67
5	General Power Service 50-500kW	L	44.14	0.04951	5.67
6	General Power Service 1000-5000kW	M	31.52	0.04892	6.20
7	General Power Service 500+kW	P	39.67	0.04892	5.62
8	Lighting	S,T,O			

Case No. 2020-00104
Application Exhibit 9

Direct Testimony of
John Wolfram
Exhibit JW-4

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment	
				Demand	Energy	Demand	Demand	Demand
Plant In Service								
Intangible Plant								
301.00 ORGANIZATION	P301	PT&D	\$ 163	-	-	-	-	2
302.00 FRANCHISES	P302	PT&D	-	-	-	-	-	-
303.00 MISC. INTANGIBLE	P303	PT&D	-	-	-	-	-	-
Total Intangible Plant	PINT		\$ 163	\$ -	\$ -	\$ -	\$ -	2
Steam Production								
310.00 LAND AND LAND RIGHTS	P310	F016	\$ -	-	-	-	-	-
311.00 STRUCTURES AND IMPROVEMENTS	P311	F016	-	-	-	-	-	-
312.00 BOILER PLANT EQUIPMENT	P312	F016	-	-	-	-	-	-
313.00 ENGINES AND ENGINE DRIVEN GENERATORS	P313	F016	-	-	-	-	-	-
314.00 TURBOGENERATOR UNITS	P314	F016	-	-	-	-	-	-
315.00 ACCESSORY ELEC EQUIP	P315	F016	-	-	-	-	-	-
316.00 MISC POWER PLANT EQUIPMENT	P316	F016	-	-	-	-	-	-
317.00 ASSET RETIREMENT COST FOR STEAM PROD	P317	F016	-	-	-	-	-	-
Total Steam Production Plant	PPROD		\$ -	\$ -	\$ -	\$ -	\$ -	-
Transmission								
350.00 LAND AND LAND RIGHTS	P350	F011	\$ -	-	-	-	-	-
352.00 STRUCTURES AND IMPROVEMENTS	P352	F011	-	-	-	-	-	-
353.00 STATION EQUIPMENT	P353	F011	-	-	-	-	-	-
354.00 TOWERS AND FIXTURES	P354	F011	-	-	-	-	-	-
355.00 POLES AND FIXTURES	P355	F011	-	-	-	-	-	-
356.00 CONDUCTORS AND DEVICES	P356	F011	-	-	-	-	-	-
359.00 ROADS AND TRAILS	P359	F011	-	-	-	-	-	-
Total Transmission Plant	PTRAN		\$ -	\$ -	\$ -	\$ -	\$ -	-

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters Customer	Lighting Customer	Meter Reading Billing and Cust Acct Service Customer	Load Management Customer
			Demand	Customer	Demand	Customer				
Plant in Service										
Intangible Plant										
301.00 ORGANIZATION	P301	PT&D	60	36	-	18	10	6	-	-
302.00 FRANCHISES	P302	PT&D	-	-	-	-	-	-	-	-
303.00 MISC INTANGIBLE	P303	PT&D	-	-	-	-	-	-	-	-
Total Intangible Plant	PINT		\$ 60	\$ 36	\$ -	\$ 18	\$ 10	\$ 6	\$ -	\$ -
Steam Production										
310.00 LAND AND LAND RIGHTS	P310	F016	-	-	-	-	-	-	-	-
311.00 STRUCTURES AND IMPROVEMENTS	P311	F016	-	-	-	-	-	-	-	-
312.00 BOILER PLANT EQUIPMENT	P312	F016	-	-	-	-	-	-	-	-
313.00 ENGINES AND ENGINE DRIVEN GENERATORS	P313	F016	-	-	-	-	-	-	-	-
314.00 TURBOGENERATOR UNITS	P314	F016	-	-	-	-	-	-	-	-
315.00 ACCESSORY ELEC EQUIP	P315	F016	-	-	-	-	-	-	-	-
316.00 MISC POWER PLANT EQUIPMENT	P316	F016	-	-	-	-	-	-	-	-
317.00 ASSET RETIREMENT COST FOR STEAM PROD	P317	F016	-	-	-	-	-	-	-	-
Total Steam Production Plant	PPROD		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission										
350.00 LAND AND LAND RIGHTS	P350	F011	-	-	-	-	-	-	-	-
352.00 STRUCTURES AND IMPROVEMENTS	P352	F011	-	-	-	-	-	-	-	-
353.00 STATION EQUIPMENT	P353	F011	-	-	-	-	-	-	-	-
354.00 TOWERS AND FIXTURES	P354	F011	-	-	-	-	-	-	-	-
355.00 POLES AND FIXTURES	P355	F011	-	-	-	-	-	-	-	-
356.00 CONDUCTORS AND DEVICES	P356	F011	-	-	-	-	-	-	-	-
359.00 ROADS AND TRAILS	P359	F011	-	-	-	-	-	-	-	-
Total Transmission Plant	PTRAN		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Plant in Service (Continued)							
Distribution							
360.00	LAND AND LAND RIGHTS	P360	F001	\$ 304,008	-	-	304,008
361.00	STRUCTURES AND IMPROVEMENTS	P361	F001	-	-	-	-
362.00	STATION EQUIPMENT	P362	F001	1,107,552	-	-	1,107,552
364.00	POLES, TOWERS AND FIXTURES	P364	F002	34,364,784	-	-	-
365.00	OVERHEAD CONDUCTORS AND DEVICE	P365	F003	38,743,521	-	-	-
366.00	UNDERGROUND CONDUIT	P366	F004	2,726,509	-	-	-
367.00	UNDERGROUND CONDUCTORS AND DEV	P367	F004	6,229,600	-	-	-
368.00	LINE TRANSFORMERS	P368	F005	18,864,649	-	-	-
369.00	SERVICES	P369	F006	12,458,315	-	-	-
370.00	METERS	P370	F007	7,043,620	-	-	-
371.00	INSTALLATIONS ON CONSUMERS PRE	P371	F013	3,415,222	-	-	-
372.00	LEASED PROP ON CONSUMERS PREMISES	P372	F013	-	-	-	-
373.00	STREET LIGHTING AND SIGNAL SYS	P373	F008	775,057	-	-	-
	Total Distribution Plant	PDIST		\$ 123,832,838	\$ -	\$ -	\$ 1,411,560
	Total Transmission and Distribution Plant	PT&D		\$ 123,832,838	\$ -	\$ -	\$ 1,411,560
	Total Production, Transmission & Distribution Plant	PPT&D		\$ 123,832,838	\$ -	\$ -	\$ 1,411,560

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust Acct Service	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer
Plant in Service (Continued)										
Distribution										
360.00	LAND AND LAND RIGHTS	P360	F001	-	-	-	-	-	-	-
361.00	STRUCTURES AND IMPROVEMENTS	P361	F001	-	-	-	-	-	-	-
362.00	STATION EQUIPMENT	P362	F001	-	-	-	-	-	-	-
364.00	POLES, TOWERS AND FIXTURES	P364	F002	19,525,312	14,839,472	-	-	-	-	-
365.00	OVERHEAD CONDUCTORS AND DEVICE	P365	F003	15,678,562	23,064,959	-	-	-	-	-
366.00	UNDERGROUND CONDUIT	P366	F004	524,544	2,201,865	-	-	-	-	-
367.00	UNDERGROUND CONDUCTORS AND DEV	P367	F004	1,198,491	5,031,109	-	-	-	-	-
368.00	LINE TRANSFORMERS	P368	F005	3,501,255	13,163,395	-	-	-	-	-
369.00	SERVICES	P369	F006	-	-	12,458,315	-	-	-	-
370.00	METERS	P370	F007	-	-	-	7,043,620	-	-	-
371.00	INSTALLATIONS ON CONSUMERS PRE	P371	F013	-	-	-	-	3,415,222	-	-
372.00	LEASED PROP ON CONSUMERS PREMISES	P372	F013	-	-	-	-	-	-	-
373.00	STREET LIGHTING AND SIGNAL SYS	P373	F008	-	-	-	-	775,067	-	-
	Total Distribution Plant	PDIST		\$ 40,429,164	\$ 58,300,900	\$ -	\$ 12,458,315	\$ 7,043,620	\$ 4,190,278	\$ -
	Total Transmission and Distribution Plant	PT&D		\$ 40,429,164	\$ 58,300,900	\$ -	\$ 12,458,315	\$ 7,043,620	\$ 4,190,278	\$ -
	Total Production, Transmission & Distribution Plant	PPT&D		\$ 40,429,164	\$ 58,300,900	\$ -	\$ 12,458,315	\$ 7,043,620	\$ 4,190,278	\$ -

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment	
				Demand	Energy	Demand	Demand	
Plant In Service (Continued)								
General Plant								
389.00	LAND AND LAND RIGHTS	P389	PT&D	\$ 16,614	-	-	-	189
390.00	STRUCTURES AND IMPROVEMENTS	P390	PT&D	3,870,893	-	-	-	44,124
391.00	OFFICE FURNITURE AND EQUIPMENT	P391	PT&D	2,036,237	-	-	-	23,211
392.00	TRANSPORTATION EQUIPMENT	P392	PT&D	3,628,126	-	-	-	41,357
393.00	STORES EQUIPMENT	P393	PT&D	132,683	-	-	-	1,512
394.00	TOOLS, SHOP & GARAGE EQUIPMENT	P394	PT&D	386,551	-	-	-	4,406
395.00	LABORATORY EQUIPMENT	P395	PT&D	173,057	-	-	-	1,973
396.00	POWER OPERATED EQUIPMENT	P396	PT&D	162,665	-	-	-	1,854
397.00	COMMUNICATION EQUIPMENT	P397	PT&D	854,325	-	-	-	9,738
398.00	MISCELLANEOUS EQUIPMENT	P398	PT&D	640,529	-	-	-	7,901
399.00	OTHER TANGIBLE PROPERTY	P399	PT&D	-	-	-	-	-
	Total General Plant	PGP		\$ 11,901,681	\$ -	\$ -	\$ -	\$ 135,666
	Total Plant in Service	TPIS		\$ 135,734,701	\$ -	\$ -	\$ -	\$ 1,547,228
Construction Work in Progress (CWIP)								
	CWIP Production	GWIP1	PPROD	\$ -	-	-	-	-
	CWIP Transmission	GWIP2	PTRAN	-	-	-	-	-
	CWIP Distribution	GWIP3	PDIST	781,245	-	-	-	8,905
	CWIP General Plant	GWIP4	PGP	-	-	-	-	-
	CWIP Other	GWIP5	PDIST	-	-	-	-	-
	Total Construction Work in Progress	TCWIP		\$ 781,245	\$ -	\$ -	\$ -	\$ 8,905
	Total Utility Plant			\$ 136,515,946	\$ -	\$ -	\$ -	\$ 1,556,134

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust	Load Management	
			Demand	Customer	Demand	Customer	Customer	Customer	Acct Service Customer	Customer	
Plant in Service (Continued)											
General Plant											
389.00	LAND AND LAND RIGHTS	P389	PT&D	5,424	7,822	-	1,671	945	562	-	-
390.00	STRUCTURES AND IMPROVEMENTS	P390	PT&D	1,263,745	1,822,429	-	389,435	220,177	130,894	-	-
391.00	OFFICE FURNITURE AND EQUIPMENT	P391	PT&D	664,778	958,667	-	204,857	115,821	68,903	-	-
392.00	TRANSPORTATION EQUIPMENT	P392	PT&D	1,194,498	1,708,133	-	365,011	206,368	122,769	-	-
393.00	STORES EQUIPMENT	P393	PT&D	43,317	62,468	-	13,349	7,547	4,490	-	-
394.00	TOOLS, SHOP & GARAGE EQUIPMENT	P394	PT&D	126,199	181,890	-	38,889	21,987	13,080	-	-
395.00	LABORATORY EQUIPMENT	P395	PT&D	56,499	81,476	-	17,411	9,843	5,856	-	-
396.00	POWER OPERATED EQUIPMENT	P396	PT&D	53,106	76,583	-	16,365	9,252	5,504	-	-
397.00	COMMUNICATION EQUIPMENT	P397	PT&D	278,915	402,219	-	85,950	48,594	28,909	-	-
398.00	MISCELLANEOUS EQUIPMENT	P398	PT&D	209,116	301,583	-	64,441	36,433	21,674	-	-
399.00	OTHER TANGIBLE PROPERTY	P399	PT&D	-	-	-	-	-	-	-	-
	Total General Plant	PGP		\$ 3,885,586	\$ 5,603,350	\$ -	\$ 1,197,379	\$ 676,098	\$ 402,731	\$ -	\$ -
	Total Plant in Service	TPIS		\$ 44,313,809	\$ 63,904,336	\$ -	\$ 13,655,713	\$ 7,720,599	\$ 4,593,016	\$ -	\$ -
Construction Work In Progress (CWIP)											
	CWIP Production	CWIP1	PPROD	-	-	-	-	-	-	-	-
	CWIP Transmission	CWIP2	PTRAN	-	-	-	-	-	-	-	-
	CWIP Distribution	CWIP3	PDIST	255,056	367,812	-	76,598	44,437	26,436	-	-
	CWIP General Plant	CWIP4	PGP	-	-	-	-	-	-	-	-
	CWIP Other	CWIP5	PDIST	-	-	-	-	-	-	-	-
	Total Construction Work In Progress	TOWIP		\$ 255,056	\$ 367,812	\$ -	\$ 76,598	\$ 44,437	\$ 26,436	\$ -	\$ -
	Total Utility Plant			\$ 44,568,865	\$ 64,272,148	\$ -	\$ 13,734,311	\$ 7,765,037	\$ 4,619,452	\$ -	\$ -

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Rate Base							
Utility Plant							
Plant in Service			\$ 135,734,701	\$ -	\$ -	\$ -	\$ 1,547,228
Construction Work in Progress (CWIP)			781,245	-	-	-	8,905,34
Total Utility Plant	TUP		\$ 136,515,946	\$ -	\$ -	\$ -	\$ 1,556,134
Less: Accumulated Provision for Depreciation							
Electric Plant Amortization	ADEPREPA	TUP	\$ -	-	-	-	-
Retirement Work in Progress	RWIP	PDIST	140,389	-	-	-	1,600
Steam Production	ADEPRPP	PPROD	-	-	-	-	-
Transmission	ADEPRTP	PTRAN	-	-	-	-	-
Distribution	ADEPRD12	PDIST	(44,840,617)	-	-	-	(503,855)
Dist-Structures	ADEPRD1	P361	-	-	-	-	-
Dist-Station	ADEPRD2	P362	-	-	-	-	-
Dist-Poles and Fixtures	ADEPRD3	P384	-	-	-	-	-
Dist-OH Conductor	ADEPRD4	P385	-	-	-	-	-
Dist-UG Conduit	ADEPRD5	P366	-	-	-	-	-
Dist-UG Conductor	ADEPRD6	P367	-	-	-	-	-
Dist-Line Transformers	ADEPRD7	P368	-	-	-	-	-
Dist-Services	ADEPRD8	P369	-	-	-	-	-
Dist-Meters	ADEPRD9	P370	-	-	-	-	-
Dist-Installations on Customer Premises	ADEPRD10	P371	-	-	-	-	-
Dist-Lighting & Signal Systems	ADEPRD11	P373	-	-	-	-	-
Accum Amtz - Electric Plant Acquisition		PGP	-	-	-	-	-
Accum Amtz - Electric Plant in Service		PGP	-	-	-	-	-
General Plant		PGP	-	-	-	-	-
Total Accumulated Depreciation & Amort	TADEPR		\$ (44,500,228)	\$ -	\$ -	\$ -	\$ (507,254)
Net Utility Plant	NTPLANT		\$ 181,016,173	\$ -	\$ -	\$ -	\$ 2,063,388
Working Capital							
Cash Working Capital - Operation and Maintenance Expenses	CWC	OMLPP	\$ 1,079,289	\$ -	\$ -	\$ -	\$ 4,753
Materials and Supplies (13-Month Avg)	M&S	TPIS	557,546	-	-	-	6,355
Prepayments (13-Month Average)	PREPAY	TPIS	235,264	-	-	-	2,682
Total Working Capital	TWC		\$ 1,872,109	\$ -	\$ -	\$ -	\$ 13,790
Less: Customer Deposits	CSTDEP	TPIS	\$ -	-	-	-	-
Net Rate Base	RB		\$ 182,888,282	\$ -	\$ -	\$ -	\$ 2,077,178

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust	Load
			Demand	Customer	Demand	Customer	Customer	Customer	Acct Service Customer	Management Customer
Rate Base										
Utility Plant										
Plant in Service			\$ 44,313,809	\$ 63,904,336	\$ -	\$ 13,655,713	\$ 7,720,599	\$ 4,593,016	\$ -	\$ -
Construction Work in Progress (CWIP)			255,055.81	367,812.48	-	78,597.83	44,437.25	26,435.90	-	-
Total Utility Plant	TUP		\$ 44,568,865	\$ 64,272,148	\$ -	\$ 13,734,311	\$ 7,765,037	\$ 4,619,452	\$ -	\$ -
Less: Accumulated Provision for Depreciation										
Electric Plant Amortization	ADEPREPA	TUP	-	-	-	-	-	-	-	-
Retirement Work in Progress	RWIP	PDIST	45,833	66,098	-	14,124	7,985	4,751	-	-
Steam Production	ADEPRPP	PPROD	-	-	-	-	-	-	-	-
Transmission	ADEPRTP	PTRAN	-	-	-	-	-	-	-	-
Distribution	ADEPRD12	PDIST	(14,573,987)	(21,016,947)	-	(4,491,110)	(2,539,161)	(1,510,557)	-	-
Dist-Structures	ADEPRD1	P361	-	-	-	-	-	-	-	-
Dist-Station	ADEPRD2	P362	-	-	-	-	-	-	-	-
Dist-Poles and Fittings	ADEPRD3	P364	-	-	-	-	-	-	-	-
Dist-OH Conductor	ADEPRD4	P365	-	-	-	-	-	-	-	-
Dist-UG Conduit	ADEPRD5	P366	-	-	-	-	-	-	-	-
Dist-UG Conductor	ADEPRD6	P367	-	-	-	-	-	-	-	-
Dist-Line Transformers	ADEPRD7	P368	-	-	-	-	-	-	-	-
Dist-Services	ADEPRD8	P369	-	-	-	-	-	-	-	-
Dist-Meters	ADEPRD9	P370	-	-	-	-	-	-	-	-
Dist-Installations on Customer Premises	ADEPRD10	P371	-	-	-	-	-	-	-	-
Dist-Lighting & Signal Systems	ADEPRD11	P373	-	-	-	-	-	-	-	-
Accum Amtz - Electric Plant Acquisition	PGP		-	-	-	-	-	-	-	-
Accum Amtz - Electric Plant in Service	PGP		-	-	-	-	-	-	-	-
General Plant	PGP		-	-	-	-	-	-	-	-
Total Accumulated Depreciation & Amort	TADEPR		\$ (14,528,154)	\$ (20,950,851)	\$ -	\$ (4,476,986)	\$ (2,531,178)	\$ (1,505,807)	\$ -	\$ -
Net Utility Plant	NTPLANT		\$ 59,097,018	\$ 85,222,999	\$ -	\$ 18,211,297	\$ 10,296,213	\$ 6,125,259	\$ -	\$ -
Working Capital										
Cash Working Capital - Operation and Maintenance Expenses	CWC	OMLPP	\$ 293,891	\$ 445,112	\$ -	\$ 35,933	\$ 54,724	\$ 6,224	\$ 237,484	\$ 1,078
Materials and Supplies (13-Month Avg)	M&S	TPIS	182,024	262,494	-	56,092	31,713	18,866	-	-
Prepayments (13-Month Average)	PREPAY	TPIS	76,807	110,763	-	23,669	13,382	7,961	-	-
Total Working Capital	TWC		\$ 552,822	\$ 818,369	\$ -	\$ 115,694	\$ 99,819	\$ 33,051	\$ 237,484	\$ 1,078
Less: Customer Deposits	CSTDEP	TPIS	-	-	-	-	-	-	-	-
Net Rate Base	RB		\$ 59,649,840	\$ 86,041,368	\$ -	\$ 18,326,991	\$ 10,386,032	\$ 6,158,310	\$ 237,484	\$ 1,078

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Operation and Maintenance Expenses							
Steam Power Production Operations Expense							
500 OPERATION SUPV AND ENGINEERING	OM500	PPROD	\$ -	-	-	-	-
501 FUEL	OM501	F017	-	-	-	-	-
502 STEAM EXPENSES	OM502	F016	-	-	-	-	-
503 STEAM FROM OTHER SOURCES	OM503	F016	-	-	-	-	-
504 STEAM TRANSFERRED - CREDIT	OM504	F016	-	-	-	-	-
505 ELECTRIC EXPENSES	OM505	F016	-	-	-	-	-
506 MISC STEAM POWER EXPENSES	OM506	F016	-	-	-	-	-
507 RENTS	OM507	F016	-	-	-	-	-
509 ALLOWANCES	OM509	F017	-	-	-	-	-
Total Steam Production Operation Expense	OMPO		\$ -	\$ -	\$ -	\$ -	\$ -
Steam Power Production Maintenance Expense							
510 MAINTENANCE SUPV AND ENGINEERING	OM510	F017	\$ -	-	-	-	-
511 MAINTENANCE OF STRUCTURES	OM511	F016	-	-	-	-	-
512 MAINTENANCE OF BOILER PLANT	OM512	F017	-	-	-	-	-
513 MAINTENANCE OF ELECTRIC PLANT	OM513	F017	-	-	-	-	-
514 MAINTENANCE OF MISC STEAM PLANT	OM514	F018	-	-	-	-	-
Total Steam Production Maintenance Expense	OMPM		\$ -	\$ -	\$ -	\$ -	\$ -
Total Steam Production Operation and Maintenance Expenses	OMP		-	-	-	-	-

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust Acct Service	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer
Operation and Maintenance Expenses										
Steam Power Production Operations Expense										
500 OPERATION SUPV AND ENGINEERING	OMS00	PPROD	-	-	-	-	-	-	-	-
501 FUEL	OMS01	F017	-	-	-	-	-	-	-	-
502 STEAM EXPENSES	OMS02	F018	-	-	-	-	-	-	-	-
503 STEAM FROM OTHER SOURCES	OMS03	F016	-	-	-	-	-	-	-	-
504 STEAM TRANSFERRED - CREDIT	OMS04	F016	-	-	-	-	-	-	-	-
505 ELECTRIC EXPENSES	OMS05	F016	-	-	-	-	-	-	-	-
506 MISC STEAM POWER EXPENSES	OMS06	F016	-	-	-	-	-	-	-	-
507 RENTS	OMS07	F018	-	-	-	-	-	-	-	-
509 ALLOWANCES	OMS09	F017	-	-	-	-	-	-	-	-
Total Steam Production Operation Expense	OMPO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Steam Power Production Maintenance Expense										
510 MAINTENANCE SUPV AND ENGINEERING	OMS10	F017	-	-	-	-	-	-	-	-
511 MAINTENANCE OF STRUCTURES	OMS11	F016	-	-	-	-	-	-	-	-
512 MAINTENANCE OF BOILER PLANT	OMS12	F017	-	-	-	-	-	-	-	-
513 MAINTENANCE OF ELECTRIC PLANT	OMS13	F017	-	-	-	-	-	-	-	-
514 MAINTENANCE OF MISC STEAM PLANT	OMS14	F016	-	-	-	-	-	-	-	-
Total Steam Production Maintenance Expense	OMPM		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Steam Production Operation and Maintenance Expenses	OMP		-	-	-	-	-	-	-	-

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission Demand	Station Equipment Demand
				Demand	Energy		
Operation and Maintenance Expenses (Continued)							
Purchased Power							
555 PURCHASED POWER	OM555	OMPP	\$ 31,106,651	\$ 10,403,369	\$ 20,703,282	-	-
556 SYSTEM CONTROL & LOAD DISPATCHING	OM556	OMPP	-	-	-	-	-
557 OTHER EXPENSES	OM557	OMPP	-	-	-	-	-
558 RENEWABLE ENERGY CR EXP	OM558	OMPP	-	-	-	-	-
Total Purchased Power	TPP		\$ 31,106,651	\$ 10,403,369	\$ 20,703,282	\$ -	\$ -
Transmission Expenses							
560 OPERATION SUPERVISION AND ENG	OM560	PTRAN	\$ -	-	-	-	-
561 LOAD DISPATCHING	OM561	PTRAN	-	-	-	-	-
562 STATION EXPENSES	OM562	PTRAN	-	-	-	-	-
563 OVERHEAD LINE EXPENSES	OM563	PTRAN	-	-	-	-	-
564 UNDERGROUND LINE EXPENSES	OM564	PTRAN	-	-	-	-	-
565 TRANSMISSION OF ELEC BY OTHERS	OM565	PTRAN	-	-	-	-	-
566 MISC TRANSMISSION EXPENSES	OM566	PTRAN	-	-	-	-	-
567 RENTS	OM567	PTRAN	-	-	-	-	-
568 MAINTENANCE SUPERVISION AND ENG	OM568	PTRAN	-	-	-	-	-
569 MAINTENANCE OF STRUCTURES	OM569	PTRAN	-	-	-	-	-
570 MAINT OF STATION EQUIPMENT	OM570	PTRAN	-	-	-	-	-
571 MAINT OF OVERHEAD LINES	OM571	PTRAN	-	-	-	-	-
572 MAINT OF UNDERGROUND LINES	OM572	PTRAN	-	-	-	-	-
573 MAINT MISC	OM573	PTRAN	-	-	-	-	-
574 MAINT OF TRANS PLANT	OM574	PTRAN	-	-	-	-	-
Total Transmission Expenses			\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Operation Expense							
580 OPERATION SUPERVISION AND ENGI	OM580	PDIST	\$ 67,737	-	-	-	772
581 LOAD DISPATCHING	OM581	P362	-	-	-	-	-
582 STATION EXPENSES	OM582	P362	6,436	-	-	-	6,436
583 OVERHEAD LINE EXPENSES	OM583	P365	866,884	-	-	-	-
584 UNDERGROUND LINE EXPENSES	OM584	P367	77,717	-	-	-	-
585 STREET LIGHTING EXPENSE	OM585	P371	1,525	-	-	-	-
586 METER EXPENSES	OM586	P370	239,971	-	-	-	-
586 METER EXPENSES - LOAD MANAGEMENT	OM586x	F012	-	-	-	-	-
587 CUSTOMER INSTALLATIONS EXPENSE	OM587	P369	129,971	-	-	-	-
588 MISCELLANEOUS DISTRIBUTION EXP	OM588	PDIST	599,392	-	-	-	6,832
588 MISC DISTR EXP -- MAPPING	OM588x	F015	-	-	-	-	-
589 RENTS	OM589	PDIST	17,507	-	-	-	200
Total Distribution Operation Expense	OMDO		\$ 2,007,139	\$ -	\$ -	\$ -	14,240

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters Customer	Lighting Customer	Meter Reading Billing and Cust Acct Service Customer	Load Management Customer
			Demand	Customer	Demand	Customer				
Operation and Maintenance Expenses (Continued)										
Purchased Power										
555 PURCHASED POWER	OM555	OMPP	-	-	-	-	-	-	-	-
556 SYSTEM CONTROL & LOAD DISPATCHING	OM556	OMPP	-	-	-	-	-	-	-	-
557 OTHER EXPENSES	OM557	OMPP	-	-	-	-	-	-	-	-
558 RENEWABLE ENERGY CR EXP	OM558	OMPP	-	-	-	-	-	-	-	-
Total Purchased Power	TPP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Expenses										
580 OPERATION SUPERVISION AND ENG	OM560	PTRAN	-	-	-	-	-	-	-	-
581 LOAD DISPATCHING	OM561	PTRAN	-	-	-	-	-	-	-	-
582 STATION EXPENSES	OM562	PTRAN	-	-	-	-	-	-	-	-
583 OVERHEAD LINE EXPENSES	OM563	PTRAN	-	-	-	-	-	-	-	-
584 UNDERGROUND LINE EXPENSES	OM564	PTRAN	-	-	-	-	-	-	-	-
585 TRANSMISSION OF ELEC BY OTHERS	OM565	PTRAN	-	-	-	-	-	-	-	-
586 MISC TRANSMISSION EXPENSES	OM566	PTRAN	-	-	-	-	-	-	-	-
587 RENTS	OM567	PTRAN	-	-	-	-	-	-	-	-
588 MAINTENANCE SUPERVISION AND ENG	OM568	PTRAN	-	-	-	-	-	-	-	-
589 MAINTENANCE OF STRUCTURES	OM569	PTRAN	-	-	-	-	-	-	-	-
570 MAINT OF STATION EQUIPMENT	OM570	PTRAN	-	-	-	-	-	-	-	-
571 MAINT OF OVERHEAD LINES	OM571	PTRAN	-	-	-	-	-	-	-	-
572 MAINT OF UNDERGROUND LINES	OM572	PTRAN	-	-	-	-	-	-	-	-
573 MAINT MISC	OM573	PTRAN	-	-	-	-	-	-	-	-
574 MAINT OF TRANS PLANT	OM574	PTRAN	-	-	-	-	-	-	-	-
Total Transmission Expenses			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Operation Expense										
580 OPERATION SUPERVISION AND ENGI	OM580	PDIST	22,114	31,891	-	6,815	3,853	2,292	-	-
581 LOAD DISPATCHING	OM581	P362	-	-	-	-	-	-	-	-
582 STATION EXPENSES	OM582	P362	-	-	-	-	-	-	-	-
583 OVERHEAD LINE EXPENSES	OM583	P365	350,807	516,077	-	-	-	-	-	-
584 UNDERGROUND LINE EXPENSES	OM584	P367	14,952	62,766	-	-	-	-	-	-
585 STREET LIGHTING EXPENSE	OM585	P371	-	-	-	-	-	1,525	-	-
586 METER EXPENSES	OM586	P370	-	-	-	-	239,971	-	-	-
586 METER EXPENSES - LOAD MANAGEMENT	OM586x	F012	-	-	-	-	-	-	-	-
587 CUSTOMER INSTALLATIONS EXPENSE	OM587	P369	-	-	-	129,971	-	-	-	-
588 MISCELLANEOUS DISTRIBUTION EXP	OM588	PDIST	195,666	282,196	-	80,302	34,093	20,282	-	-
588 MISC DISTR EXP - MAPPING	OM588x	F015	-	-	-	-	-	-	-	-
589 RENTS	OM589	PDIST	5,716	8,242	-	1,761	996	592	-	-
Total Distribution, Operation Expense	OMDO		\$ 589,274	\$ 801,171	\$ -	\$ 188,649	\$ 278,913	\$ 24,682	\$ -	\$ -

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment	
				Demand	Energy	Demand	Demand	Demand
Operation and Maintenance Expenses (Continued)								
Distribution Maintenance Expense								
590 MAINTENANCE SUPERVISION AND EN	OM590	PDIST	\$ 175,191	-	-	-	-	1,997
592 MAINTENANCE OF STATION EQUIPME	OM592	P362	12,818	-	-	-	-	12,818
593 MAINTENANCE OF OVERHEAD LINES	OM593	P365	3,147,742	-	-	-	-	-
594 MAINTENANCE OF UNDERGROUND LIN	OM594	P367	93,579	-	-	-	-	-
595 MAINTENANCE OF LINE TRANSFORME	OM595	P368	23,965	-	-	-	-	-
596 MAINTENANCE OF ST LIGHTS & SIG SYSTEMS	OM596	P373	548	-	-	-	-	-
597 MAINTENANCE OF METERS	OM597	P370	59,171	-	-	-	-	-
598 MAINTENANCE OF MISC DISTR PLANT	OM598	PDIST	7,859	-	-	-	-	90
Total Distribution Maintenance Expense	OMDM		\$ 3,520,873	\$ -	\$ -	\$ -	\$ -	14,905
Total Distribution Operation and Maintenance Expenses			5,528,012	-	-	-	-	29,144
Transmission and Distribution Expenses			5,528,012	-	-	-	-	29,144
Steam Production, Transmission and Distribution Expenses			5,528,012	-	-	-	-	29,144
Production, Purchased Power, Trans and Distr Expenses	OMSUB		\$ 36,634,683	\$ 10,403,369	\$ 20,703,282	\$ -	\$ -	29,144
Customer Accounts Expense								
901 SUPERVISION/CUSTOMER ACCTS	OM901	F009	\$ 86,849	-	-	-	-	-
902 METER READING EXPENSES	OM902	F009	104,980	-	-	-	-	-
903 RECORDS AND COLLECTION	OM903	F009	1,121,761	-	-	-	-	-
904 UNCOLLECTIBLE ACCOUNTS	OM904	F009	-	-	-	-	-	-
905 MISC CUST ACCOUNTS	OM905	F009	-	-	-	-	-	-
Total Customer Accounts Expense	OMCA		\$ 1,313,590	\$ -	\$ -	\$ -	\$ -	-
Customer Service Expense								
907 SUPERVISION	OM907	F010	\$ 38,277	-	-	-	-	-
908 CUSTOMER ASSISTANCE EXPENSES	OM908	F010	272,212	-	-	-	-	-
908 CUSTOMER ASSISTANCE EXP-LOAD MGMT	OM908x	F012	-	-	-	-	-	-
908 INFORMATIONAL AND INSTRUCTIONA	OM909	F010	11,016	-	-	-	-	-
908 INFORM AND INSTRUC-LOAD MGMT	OM909x	F012	-	-	-	-	-	-
910 MISCELLANEOUS CUSTOMER SERVICE	OM910	F010	8,779	-	-	-	-	-
911 SUPERVISION	OM911	F010	-	-	-	-	-	-
912 DEMONSTRATION AND SELLING EXP	OM912	F012	7,658	-	-	-	-	-
913 ADVERTISING EXPENSES	OM913	F012	-	-	-	-	-	-
914 SALES	OM914	F012	-	-	-	-	-	-
916 MISC SALES EXPENSE	OM916	F012	-	-	-	-	-	-
917 MISC SALES EXPENSE	OM917	F012	-	-	-	-	-	-
Total Customer Service Expense	OMCS		\$ 337,941	\$ -	\$ -	\$ -	\$ -	-
Sub-Total Transmission, Distribution, Cust Acct and Cust Service	OMSUB2		7,179,544	-	-	-	-	29,144

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust	Load
			Demand	Customer	Demand	Customer	Customer	Customer	Accd Service Customer	Management Customer
Operation and Maintenance Expenses (Continued)										
Distribution Maintenance Expense										
590 MAINTENANCE SUPERVISION AND EN	OMS90	PDIST	57,195	82,480	-	17,825	9,965	5,928	-	-
592 MAINTENANCE OF STATION EQUIPME	OMS92	P362	-	-	-	-	-	-	-	-
593 MAINTENANCE OF OVERHEAD LINES	OMS93	P365	1,273,815	1,873,927	-	-	-	-	-	-
594 MAINTENANCE OF UNDERGROUND LIN	OMS94	P367	18,003	75,576	-	-	-	-	-	-
595 MAINTENANCE OF LINE TRANSFORME	OMS95	P368	5,035	18,930	-	-	-	-	-	-
596 MAINTENANCE OF ST LIGHTS & SIG SYSTEMS	OMS96	P373	-	-	-	-	-	548	-	-
597 MAINTENANCE OF METERS	OMS97	P370	-	-	-	-	59,171	-	-	-
598 MAINTENANCE OF MISC DISTR PLANT	OMS98	PDIST	2,566	3,700	-	791	447	266	-	-
Total Distribution Maintenance Expense	OMDM		\$ 1,356,614	\$ 2,054,613	\$ -	\$ 18,416	\$ 69,583	\$ 6,742	\$ -	\$ -
Total Distribution Operation and Maintenance Expenses			1,945,888	2,955,785	-	217,265	348,496	31,434	-	-
Transmission and Distribution Expenses			1,945,888	2,955,785	-	217,265	348,496	31,434	-	-
Steam Production, Transmission and Distribution Expenses			1,945,888	2,955,785	-	217,265	348,496	31,434	-	-
Production, Purchased Power, Trans and Distr Expenses	OMSUB		\$ 1,945,888	\$ 2,955,785	\$ -	\$ 217,265	\$ 348,496	\$ 31,434	\$ -	\$ -
Customer Accounts Expense										
901 SUPERVISION/CUSTOMER ACCTS	OM901	F009	-	-	-	-	-	-	86,849	-
902 METER READING EXPENSES	OM902	F009	-	-	-	-	-	-	104,980	-
903 RECORDS AND COLLECTION	OM903	F009	-	-	-	-	-	-	1,121,761	-
904 UNCOLLECTIBLE ACCOUNTS	OM904	F009	-	-	-	-	-	-	-	-
905 MISC CUST ACCOUNTS	OM905	F009	-	-	-	-	-	-	-	-
Total Customer Accounts Expense	OMCA		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,313,590	\$ -
Customer Service Expense										
907 SUPERVISION	OM907	F010	-	-	-	-	-	-	38,277	-
908 CUSTOMER ASSISTANCE EXPENSES	OM908	F010	-	-	-	-	-	-	272,212	-
908 CUSTOMER ASSISTANCE EXP-LOAD MGMT	OM908x	F012	-	-	-	-	-	-	-	-
909 INFORMATIONAL AND INSTRUCTIONA	OM909	F010	-	-	-	-	-	-	11,016	-
909 INFORM AND INSTRUC -LOAD MGMT	OM909x	F012	-	-	-	-	-	-	-	-
910 MISCELLANEOUS CUSTOMER SERVICE	OM910	F010	-	-	-	-	-	-	8,779	-
911 SUPERVISION	OM911	F010	-	-	-	-	-	-	-	-
912 DEMONSTRATION AND SELLING EXP	OM912	F012	-	-	-	-	-	-	-	7,658
913 ADVERTISING EXPENSES	OM913	F012	-	-	-	-	-	-	-	-
914 SALES	OM914	F012	-	-	-	-	-	-	-	-
916 MISC SALES EXPENSE	OM916	F012	-	-	-	-	-	-	-	-
917 MISC SALES EXPENSE	OM917	F012	-	-	-	-	-	-	-	-
Total Customer Service Expense	OMCS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,284	\$ 7,658
Sub-Total Transmission, Distribution, Cust Acct and Cust Service	OMSUB2		1,945,888	2,955,785	-	217,265	348,496	31,434	1,643,874	7,658

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment	
				Demand	Energy	Demand	Demand	
Operation and Maintenance Expenses (Continued)								
Administrative and General Expense								
920 ADMIN. & GEN SALARIES-	OM920	OMSUB2	\$ 446,347	-	-	-	-	1,812
921 OFFICE SUPPLIES AND EXPENSES	OM921	LBSUB2	157,951	-	-	-	-	724
923 OUTSIDE SERVICES EMPLOYED	OM923	OMSUB2	30,087	-	-	-	-	122
924 PROPERTY INSURANCE	OM924	NTPLANT	-	-	-	-	-	-
925 INJURIES AND DAMAGES - INSURAN	OM925	LBSUB2	-	-	-	-	-	-
926 EMPLOYEE BENEFITS	OM926	LBSUB2	-	-	-	-	-	-
928 ASSOCIATED DUES	OM928	OMSUB2	-	-	-	-	-	-
929 DUPLICATE CHARGES - CREDIT	OM929	OMSUB2	(41,919)	-	-	-	-	(170)
930 MISCELLANEOUS GENERAL EXPENSES	OM930	OMSUB2	468,331	-	-	-	-	1,901
931 RENTS AND LEASES	OM931	NTPLANT	-	-	-	-	-	-
932 MAINTENANCE OF GENERAL PLANT	OM932	PGP	394,049	-	-	-	-	4,492
933 TRANSPORTATION EXPENSES	OM933	PGP	-	-	-	-	-	-
936 MAINT OF GENERAL PLANT	OM935	NTPLANT	-	-	-	-	-	-
Total Administrative and General Expense	OMAG		\$ 1,454,846	\$ -	\$ -	\$ -	\$ -	8,881
Total Operation and Maintenance Expenses	TOM		\$ 39,741,041	\$ 10,403,368	\$ 20,703,282	\$ -	\$ -	38,025
Operation and Maintenance Expenses Less Purchase Power	OMLPP		\$ 8,634,390	\$ -	\$ -	\$ -	\$ -	38,025

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust Acct Service	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer
Operation and Maintenance Expenses (Continued)										
Administrative and General Expense										
920 ADMIN. & GEN. SALARIES-	OM920	OMSUB2	120,975	183,759	-	13,507	21,588	1,954	102,199	478
921 OFFICE SUPPLIES AND EXPENSES	OM921	LBSUB2	32,680	47,895	-	3,234	23,080	1,070	49,278	-
923 OUTSIDE SERVICES EMPLOYED	OM923	OMSUB2	8,155	12,387	-	910	1,450	132	6,889	32
924 PROPERTY INSURANCE	OM924	NTPLANT	-	-	-	-	-	-	-	-
925 INJURIES AND DAMAGES - INSURAN	OM925	LBSUB2	-	-	-	-	-	-	-	-
926 EMPLOYEE BENEFITS	OM926	LBSUB2	-	-	-	-	-	-	-	-
928 ASSOCIATED DUES	OM928	OMSUB2	-	-	-	-	-	-	-	-
929 DUPLICATE CHARGES - CREDIT	OM929	OMSUB2	(11,361)	(17,258)	-	(1,269)	(2,035)	(184)	(9,598)	(45)
930 MISCELLANEOUS GENERAL EXPENSES	OM930	OMSUB2	126,933	192,610	-	14,172	22,733	2,050	107,232	500
931 RENTS AND LEASES	OM931	NTPLANT	-	-	-	-	-	-	-	-
932 MAINTENANCE OF GENERAL PLANT	OM932	PGP	128,647	185,519	-	39,644	22,414	13,334	-	-
933 TRANSPORTATION EXPENSES	OM933	PGP	-	-	-	-	-	-	-	-
935 MAINT OF GENERAL PLANT	OM935	NTPLANT	-	-	-	-	-	-	-	-
Total Administrative and General Expense	OMAG		\$ 406,037	\$ 605,112	\$ -	\$ 70,199	\$ 89,297	\$ 16,367	\$ 256,000	\$ 963
Total Operation and Maintenance Expenses	TOM		\$ 2,351,925	\$ 3,560,897	\$ -	\$ 287,464	\$ 437,793	\$ 49,791	\$ 1,899,874	\$ 8,621
Operation and Maintenance Expenses Less Purchase Power	OMLPP		\$ 2,351,925	\$ 3,560,897	\$ -	\$ 287,464	\$ 437,793	\$ 49,791	\$ 1,899,874	\$ 8,621

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment	
				Demand	Energy	Demand	Demand	Demand
Other Expenses								
Depreciation Expenses								
Steam Prod Plant	DEPRPP	PPROD	-	-	-	-	-	-
Transmission	DEPRTP	PTRAN	-	-	-	-	-	-
Dist-Structures	DEPRDP1	P361	-	-	-	-	-	-
Dist-Station	DEPRDP2	P362	-	-	-	-	-	-
Dist-Poles and Fidures	DEPRDP3	P364	-	-	-	-	-	-
Dist-OH Conductor	DEPRDP4	P365	-	-	-	-	-	-
Dist-UG Conduit	DEPRDP5	P366	-	-	-	-	-	-
Dist-UG Conductor	DEPRDP6	P367	-	-	-	-	-	-
Dist-Line Transformers	DEPRDP7	P368	-	-	-	-	-	-
Dist-Services	DEPRDP8	P369	-	-	-	-	-	-
Dist-Meters	DEPRDP9	P370	-	-	-	-	-	-
Dist-Installations on Customer Premises	DEPRDP10	P371	-	-	-	-	-	-
Dist-Lighting & Signal Systems	DEPRDP11	P373	-	-	-	-	-	-
Distribution Plant	DEPRDP12	FDIST	5,028,015	-	-	-	-	57,314
General Plant	DEPRGP	FGP	278,710	-	-	-	-	3,177
Asset Retirement Costs	DEPRGP	FGP	-	-	-	-	-	-
AMORT Property Losses & Unrecover	DEPRLEP	FT&D	-	-	-	-	-	-
AMORT ELECT PLANT ACQUISIT ADJ	DEPRAADJ	FDIST	-	-	-	-	-	-
Total Depreciation Expense	TDEPR		\$ 5,306,725	-	-	-	-	60,491
Property Taxes	PTAX	NTPLANT	\$ -	-	-	-	-	-
Other Taxes	OT	NTPLANT	\$ 63,374	-	-	-	-	722
Interest – LTD	INTLTD	NTPLANT	\$ 1,738,590	-	-	-	-	20,388
Interest – Other	INTOTH	NTPLANT	\$ 63,195	-	-	-	-	720
Donations	DONAT	NTPLANT	\$ -	-	-	-	-	-
Regulatory Liabilities	REGLIAB	NTPLANT	\$ -	-	-	-	-	-
Other Deductions	DEDUCT	NTPLANT	\$ 52,553	-	-	-	-	589
Total Other Expenses	TOE		\$ 7,274,437	\$ -	\$ -	\$ -	\$ -	82,921
Total Cost of Service (O&M + Other Expenses)			\$ 47,015,477	\$ 10,403,369	\$ 20,703,282	\$ -	\$ -	120,946

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust Acct Service	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer
Other Expenses										
Depreciation Expenses										
Steam Prod Plant	DEPRPP	PPROD	-	-	-	-	-	-	-	-
Transmission	DEPRTP	PTRAN	-	-	-	-	-	-	-	-
Dist-Structures	DEPRDP1	P361	-	-	-	-	-	-	-	-
Dist-Station	DEPRDP2	P362	-	-	-	-	-	-	-	-
Dist-Poles and Fixtures	DEPRDP3	P364	-	-	-	-	-	-	-	-
Dist-OH Conductor	DEPRDP4	P365	-	-	-	-	-	-	-	-
Dist-UG Conduit	DEPRDP5	P366	-	-	-	-	-	-	-	-
Dist-UG Conductor	DEPRDP6	P367	-	-	-	-	-	-	-	-
Dist-Line Transformers	DEPRDP7	P368	-	-	-	-	-	-	-	-
Dist-Services	DEPRDP8	P369	-	-	-	-	-	-	-	-
Dist-Meters	DEPRDP9	P370	-	-	-	-	-	-	-	-
Dist-Installations on Customer Premises	DEPRDP10	P371	-	-	-	-	-	-	-	-
Dist-Lighting & Signal Systems	DEPRDP11	P373	-	-	-	-	-	-	-	-
Distribution Plant	DEPRDP12	PDIST	1,641,515	2,367,206	-	505,848	285,994	170,139	-	-
General Plant	DEPRGP	PGP	90,991	131,217	-	28,040	15,853	9,431	-	-
Asset Retirement Costs	DEPRGP	PGP	-	-	-	-	-	-	-	-
AMORT Property Losses & Unrecover	DEPRLEP	PT&D	-	-	-	-	-	-	-	-
AMORT ELECT PLANT ACQUISIT ADJ	DEPRADJ	PDIST	-	-	-	-	-	-	-	-
Total Depreciation Expense	TDEPR		1,732,506	2,498,423	-	533,888	301,847	179,570	-	-
Property Taxes	PTAX	NTPLANT	-	-	-	-	-	-	-	-
Other Taxes	OT	NTPLANT	20,690	28,837	-	6,376	3,605	2,144	-	-
Interest – LTD	INTLTD	NTPLANT	583,928	842,074	-	179,943	101,735	60,523	-	-
Interest – Other	INTOTH	NTPLANT	20,632	29,752	-	6,358	3,595	2,138	-	-
Donations	DONAT	NTPLANT	-	-	-	-	-	-	-	-
Regulatory Liabilities	REGLIAB	NTPLANT	-	-	-	-	-	-	-	-
Other Deductions	DEDUCT	NTPLANT	17,157	24,742	-	5,287	2,969	1,778	-	-
Total Other Expenses	TOE		\$ 2,374,912	\$ 3,424,828	\$ -	\$ 731,851	\$ 413,770	\$ 246,154	\$ -	\$ -
Total Cost of Service (O&M + Other Expenses)			\$ 4,728,837	\$ 6,985,725	\$ -	\$ 1,019,315	\$ 851,564	\$ 285,945	\$ 1,899,874	\$ 8,621

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Labor Expenses - for Labor Allocator							
Steam Power Production Operations Expense							
500 OPERATION SUPV AND ENGINEERING	LB500	PPROD	\$ -	-	-	-	-
501 FUEL	LB501	F017	-	-	-	-	-
502 STEAM EXPENSES	LB502	F016	-	-	-	-	-
503 STEAM FROM OTHER SOURCES	LB503	F016	-	-	-	-	-
504 STEAM TRANSFERRED - CREDIT	LB504	F016	-	-	-	-	-
505 ELECTRIC EXPENSES	LB505	F016	-	-	-	-	-
506 MISC STEAM POWER EXPENSES	LB506	F016	-	-	-	-	-
507 RENTS	LB507	F016	-	-	-	-	-
509 ALLOWANCES	LB509	F017	-	-	-	-	-
Total Steam Production Operation Expense	LBPO		\$ -	\$ -	\$ -	\$ -	\$ -
Steam Power Production Maintenance Expense							
510 MAINTENANCE SUPV AND ENGINEERING	LB510	F017	\$ -	-	-	-	-
511 MAINTENANCE OF STRUCTURES	LB511	F016	-	-	-	-	-
512 MAINTENANCE OF BOILER PLANT	LB512	F017	-	-	-	-	-
513 MAINTENANCE OF ELECTRIC PLANT	LB513	F017	-	-	-	-	-
514 MAINTENANCE OF MISC STEAM PLANT	LB514	F016	-	-	-	-	-
Total Steam Production Maintenance Expense	LBPM		\$ -	\$ -	\$ -	\$ -	\$ -
Total Steam Production Operation and Maintenance Expenses	LBP		-	-	-	-	-

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Prf & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust Acct Service	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer
Labor Expenses - for Labor Allocator										
Steam Power Production Operations Expense										
500 OPERATION SUPV AND ENGINEERING	LB500	PPROD	-	-	-	-	-	-	-	-
501 FUEL	LB501	FD17	-	-	-	-	-	-	-	-
502 STEAM EXPENSES	LB502	FD16	-	-	-	-	-	-	-	-
503 STEAM FROM OTHER SOURCES	LB503	FD16	-	-	-	-	-	-	-	-
504 STEAM TRANSFERRED - CREDIT	LB504	FD16	-	-	-	-	-	-	-	-
505 ELECTRIC EXPENSES	LB505	FD16	-	-	-	-	-	-	-	-
506 MISC STEAM POWER EXPENSES	LB506	FD16	-	-	-	-	-	-	-	-
507 RENTS	LB507	FD16	-	-	-	-	-	-	-	-
509 ALLOWANCES	LB509	FD17	-	-	-	-	-	-	-	-
Total Steam Production Operation Expense	LBPO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Steam Power Production Maintenance Expense										
510 MAINTENANCE SUPV AND ENGINEERING	LB510	FD17	-	-	-	-	-	-	-	-
511 MAINTENANCE OF STRUCTURES	LB511	FD16	-	-	-	-	-	-	-	-
512 MAINTENANCE OF BOILER PLANT	LB512	FD17	-	-	-	-	-	-	-	-
513 MAINTENANCE OF ELECTRIC PLANT	LB513	FD17	-	-	-	-	-	-	-	-
514 MAINTENANCE OF MISC STEAM PLANT	LB514	FD16	-	-	-	-	-	-	-	-
Total Steam Production Maintenance Expense	LBPM		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Steam Production Operation and Maintenance Expenses	LBP		-	-	-	-	-	-	-	-

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment	
				Demand	Energy	Demand	Demand	Demand
Labor Expenses (Continued)								
Purchased Power								
555 PURCHASED POWER	LB555	OMPP	\$ -	-	-	-	-	-
557 OTHER EXPENSES	LB557	OMPP	-	-	-	-	-	-
Total Purchased Power Labor	LBPP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Labor Expenses								
560 OPERATION SUPERVISION AND ENG	LB560	PTRAN	\$ -	-	-	-	-	-
561 LOAD DISPATCHING	LB561	PTRAN	-	-	-	-	-	-
562 STATION EXPENSES	LB562	PTRAN	-	-	-	-	-	-
563 OVERHEAD LINE EXPENSES	LB563	PTRAN	-	-	-	-	-	-
566 MISC. TRANSMISSION EXPENSES	LB566	PTRAN	-	-	-	-	-	-
568 MAINTENACE SUPERVISION AND ENG	LB568	PTRAN	-	-	-	-	-	-
570 MAINT OF STATION EQUIPMENT	LB570	PTRAN	-	-	-	-	-	-
571 MAINT OF OVERHEAD LINES	LB571	PTRAN	-	-	-	-	-	-
Total Transmission Labor Expenses			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Operation Labor Expense								
580 OPERATION SUPERVISION AND ENGI	LB580	PDIST	\$ 67,737	-	-	-	-	772
581 LOAD DISPATCHING	LB581	P362	-	-	-	-	-	-
582 STATION EXPENSES	LB582	P362	6,436	-	-	-	-	-
583 OVERHEAD LINE EXPENSES	LB583	P365	87,734	-	-	-	-	6,436
584 UNDERGROUND LINE EXPENSES	LB584	P367	-	-	-	-	-	-
585 STREET LIGHTING EXPENSE	LB585	P371	-	-	-	-	-	-
586 METER EXPENSES	LB586	P370	368,191	-	-	-	-	-
586 METER EXPENSES - LOAD MANAGEMENT	LB586x	F012	-	-	-	-	-	-
587 CUSTOMER INSTALLATIONS EXPENSE	LB587	P388	2,248	-	-	-	-	-
588 MISCELLANEOUS DISTRIBUTION EXP	LB588	PDIST	288,771	-	-	-	-	3,282
588 RENTS	LB589	PDIST	-	-	-	-	-	-
Total Distribution Operation Labor Expense	LBDO		\$ 821,116	\$ -	\$ -	\$ -	\$ -	10,499

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust Acct Service	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer
Labor Expenses (Continued)										
Purchased Power										
555 PURCHASED POWER	LB555	OMPP	-	-	-	-	-	-	-	-
557 OTHER EXPENSES	LB557	OMPP	-	-	-	-	-	-	-	-
Total Purchased Power Labor	LBPP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Labor Expenses										
560 OPERATION SUPERVISION AND ENG	LB560	PTRAN	-	-	-	-	-	-	-	-
561 LOAD DISPATCHING	LB561	PTRAN	-	-	-	-	-	-	-	-
562 STATION EXPENSES	LB562	PTRAN	-	-	-	-	-	-	-	-
563 OVERHEAD LINE EXPENSES	LB563	PTRAN	-	-	-	-	-	-	-	-
565 MISC. TRANSMISSION EXPENSES	LB566	PTRAN	-	-	-	-	-	-	-	-
568 MAINTENACE SUPERVISION AND ENG	LB568	PTRAN	-	-	-	-	-	-	-	-
570 MAINT OF STATION EQUIPMENT	LB570	PTRAN	-	-	-	-	-	-	-	-
571 MAINT OF OVERHEAD LINES	LB571	PTRAN	-	-	-	-	-	-	-	-
Total Transmission Labor Expenses			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Operation Labor Expense										
580 OPERATION SUPERVISION AND ENGI	LB580	PDIST	22,114	31,891	-	6,815	3,853	2,292	-	-
581 LOAD DISPATCHING	LB581	P362	-	-	-	-	-	-	-	-
582 STATION EXPENSES	LB582	P362	-	-	-	-	-	-	-	-
583 OVERHEAD LINE EXPENSES	LB583	P365	35,504	52,230	-	-	-	-	-	-
584 UNDERGROUND LINE EXPENSES	LB584	P367	-	-	-	-	-	-	-	-
585 STREET LIGHTING EXPENSE	LB585	P371	-	-	-	-	-	-	-	-
586 METER EXPENSES	LB586	P370	-	-	-	368,191	-	-	-	-
586 METER EXPENSES - LOAD MANAGEMENT	LB586x	F012	-	-	-	-	-	-	-	-
587 CUSTOMER INSTALLATIONS EXPENSE	LB587	P369	-	-	2,248	-	-	-	-	-
588 MISCELLANEOUS DISTRIBUTION EXP	LB588	PDIST	94,276	135,954	29,052	16,425	9,771	-	-	-
589 RENTS	LB589	PDIST	-	-	-	-	-	-	-	-
Total Distribution Operation Labor Expense	LBDO		\$ 151,894	\$ 220,075	\$ -	\$ 38,115	\$ 380,469	\$ 12,064	\$ -	\$ -

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment	
				Demand	Energy	Demand	Demand	
Labor Expenses (Continued)								
Distribution Maintenance Labor Expense								
590 MAINTENANCE SUPERVISION AND EM	LB590	PDIST	\$ 175,191	-	-	-	-	1,997
592 MAINTENANCE OF STATION EQUIPME	LB592	P362	-	-	-	-	-	-
593 MAINTENANCE OF OVERHEAD LINES	LB593	P366	876,868	-	-	-	-	-
594 MAINTENANCE OF UNDERGROUND LIN	LB594	P367	3,141	-	-	-	-	-
595 MAINTENANCE OF LINE TRANSFORME	LB595	P368	61	-	-	-	-	-
596 MAINTENANCE OF ST LIGHTS & SIG SYSTEMS	LB596	P373	449	-	-	-	-	-
597 MAINTENANCE OF METERS	LB597	P370	-	-	-	-	-	-
598 MAINTENANCE OF MISC DISTR PLANT	LB598	PDIST	1,462	-	-	-	-	17
Total Distribution Maintenance Labor Expense	LBDM		\$ 1,056,971	\$ -	\$ -	\$ -	\$ -	2,014
Total Distribution Operation and Maintenance Labor Expenses			1,878,087	-	-	-	-	12,513
Transmission and Distribution Labor Expenses			1,878,087	-	-	-	-	12,513
Purchased Power, Transmission and Distribution Labor Expenses	LBSUB		\$ 1,878,087	\$ -	\$ -	\$ -	\$ -	12,513
Customer Accounts Expense								
901 SUPERVISION/CUSTOMER ACCTS	LB901	F009	\$ 86,849	-	-	-	-	-
902 METER READING EXPENSES	LB902	F008	86,530	-	-	-	-	-
903 RECORDS AND COLLECTION	LB903	F009	679,248	-	-	-	-	-
904 UNCOLLECTIBLE ACCOUNTS	LB904	F009	-	-	-	-	-	-
905 MISC CUST ACCOUNTS	LB903	F009	-	-	-	-	-	-
Total Customer Accounts Labor Expense	LBCA		\$ 851,627	\$ -	\$ -	\$ -	\$ -	-
Customer Service Expense								
907 SUPERVISION	LB907	F010	\$ -	-	-	-	-	-
908 CUSTOMER ASSISTANCE EXPENSES	LB908	F010	-	-	-	-	-	-
908 CUSTOMER ASSISTANCE EXP-LOAD MGMT	LB908x	F012	-	-	-	-	-	-
909 INFORMATIONAL AND INSTRUCTIONA	LB909	F010	-	-	-	-	-	-
909 INFORM AND INSTRUC -LOAD MGMT	LB909x	F012	-	-	-	-	-	-
910 MISCELLANEOUS CUSTOMER SERVICE	LB910	F010	-	-	-	-	-	-
911 SUPERVISION	LB911	F010	-	-	-	-	-	-
912 DEMONSTRATION AND SELLING EXP	LB912	F012	-	-	-	-	-	-
913 WATER HEATER - HEAT PUMP PROGRAM	LB913	F012	-	-	-	-	-	-
915 MDSE-JOBGING-CONTRACT	LB915	F012	-	-	-	-	-	-
916 MISC SALES EXPENSE	LB916	F012	-	-	-	-	-	-
Total Customer Service Labor Expense	LBCS		\$ -	\$ -	\$ -	\$ -	\$ -	-
Sub-Total Trans, Distr, Cust Acct and Cust Service Labor Exp	LBSUB2		2,729,714	-	-	-	-	12,513

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri & Sec, Distr Plant		Customer Services		Meters Customer	Lighting Customer	Meter Reading Billing and Cust Acct Service Customer	Load Management Customer
			Demand	Customer	Demand	Customer				
Labor Expenses (Continued)										
Distribution Maintenance Labor Expense										
590 MAINTENANCE SUPERVISION AND EN	LB590	PDIST	57,195	82,480	-	17,625	9,965	5,928	-	-
592 MAINTENANCE OF STATION EQUIPME	LB592	P362	-	-	-	-	-	-	-	-
593 MAINTENANCE OF OVERHEAD LINES	LB593	P365	354,766	521,902	-	-	-	-	-	-
594 MAINTENANCE OF UNDERGROUND LIN	LB594	P367	604	2,537	-	-	-	-	-	-
595 MAINTENANCE OF LINE TRANSFORME	LB595	P368	13	48	-	-	-	-	-	-
596 MAINTENANCE OF ST LIGHTS & SIG SYSTEMS	LB596	P373	-	-	-	-	-	449	-	-
597 MAINTENANCE OF METERS	LB597	P370	-	-	-	-	-	-	-	-
598 MAINTENANCE OF MISC DISTR PLANT	LB598	PDIST	477	689	-	147	83	49	-	-
Total Distribution Maintenance Labor Expense	LBDM		\$ 413,056	\$ 607,655	\$ -	\$ 17,772	\$ 10,048	\$ 6,427	\$ -	\$ -
Total Distribution Operation and Maintenance Labor Expenses			564,950	827,730	-	55,887	398,517	18,490	-	-
Transmission and Distribution Labor Expenses			564,950	827,730	-	55,887	398,517	18,490	-	-
Purchased Power, Transmission and Distribution Labor Expenses	LBSUB		\$ 564,950	\$ 827,730	\$ -	\$ 55,887	\$ 398,517	\$ 18,490	\$ -	\$ -
Customer Accounts Expense										
901 SUPERVISION/CUSTOMER ACCTS	LB901	F009	-	-	-	-	-	-	86,849	-
902 METER READING EXPENSES	LB902	F009	-	-	-	-	-	-	85,530	-
903 RECORDS AND COLLECTION	LB903	F009	-	-	-	-	-	-	679,248	-
904 UNCOLLECTIBLE ACCOUNTS	LB904	F009	-	-	-	-	-	-	-	-
905 MISC CUST ACCOUNTS	LB903	F009	-	-	-	-	-	-	-	-
Total Customer Accounts Labor Expense	LBCA		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 851,627	\$ -
Customer Service Expense										
907 SUPERVISION	LB907	F010	-	-	-	-	-	-	-	-
908 CUSTOMER ASSISTANCE EXPENSES	LB908	F010	-	-	-	-	-	-	-	-
909 CUSTOMER ASSISTANCE EXP-LOAD MGMT	LB908x	F012	-	-	-	-	-	-	-	-
909 INFORMATIONAL AND INSTRUCTIONA	LB909	F010	-	-	-	-	-	-	-	-
909 INFORM AND INSTRUC -LOAD MGMT	LB909x	F012	-	-	-	-	-	-	-	-
910 MISCELLANEOUS CUSTOMER SERVICE	LB910	F010	-	-	-	-	-	-	-	-
911 SUPERVISION	LB911	F010	-	-	-	-	-	-	-	-
912 DEMONSTRATION AND SELLING EXP	LB912	F012	-	-	-	-	-	-	-	-
913 WATER HEATER - HEAT PUMP PROGRAM	LB913	F012	-	-	-	-	-	-	-	-
915 MDSE-JOBGING-CONTRACT	LB915	F012	-	-	-	-	-	-	-	-
916 MISC SALES EXPENSE	LB916	F012	-	-	-	-	-	-	-	-
Total Customer Service Labor Expense	LBCS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-Total Trans, Distr, Cust Acct and Cust Service Labor Exp	LBSUB2		564,950	827,730	-	55,887	398,517	18,490	851,627	-

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission Demand	Station Equipment Demand	
				Demand	Energy		Demand	Demand
Labor Expenses (Continued)								
Administrative and General Expense								
920 ADMIN. & GEN. SALARIES-	LB920	OMSUB2	\$ -	-	-	-	-	-
921 OFFICE SUPPLIES AND EXPENSES	LB921	LBSUB2	-	-	-	-	-	-
923 OUTSIDE SERVICES EMPLOYED	LB923	OMSUB2	-	-	-	-	-	-
924 PROPERTY INSURANCE	LB924	NTPLANT	-	-	-	-	-	-
925 INJURIES AND DAMAGES - INSURAN	LB925	LBSUB2	-	-	-	-	-	-
926 EMPLOYEE BENEFITS	LB926	LBSUB2	-	-	-	-	-	-
928 REGULATORY COMMISSION EXPENSES	LB928	OMSUB2	-	-	-	-	-	-
929 DUPLICATE CHARGES-CR	LB929	OMSUB2	-	-	-	-	-	-
930 MISCELLANEOUS GENERAL EXPENSES	LB930	OMSUB2	-	-	-	-	-	-
931 RENTS AND LEASES	LB931	NTPLANT	-	-	-	-	-	-
932 GENERAL	LB932	PGP	115,655	-	-	-	-	1,318
950 PAYROLL GENERAL LEDGER DEFAULT	LB950	PGP	-	-	-	-	-	-
Total Administrative and General Expense	LBAG		\$ 115,655	\$ -	\$ -	\$ -	\$ -	\$ 1,318
Total Operation and Maintenance Expenses	TLB		\$ 2,845,370	\$ -	\$ -	\$ -	\$ -	\$ 13,831
Operation and Maintenance Expenses Less Purchase Power	LBLPP		\$ 2,845,370	\$ -	\$ -	\$ -	\$ -	\$ 13,831

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters Customer	Lighting Customer	Meter Reading Billing and Cust Acct Service Customer	Load Management Customer
			Demand	Customer	Demand	Customer				
Labor Expenses (Continued)										
Administrative and General Expense										
920 ADMIN. & GEN. SALARIES-	LB920	OMSUB2	-	-	-	-	-	-	-	-
921 OFFICE SUPPLIES AND EXPENSES	LB921	LBSUB2	-	-	-	-	-	-	-	-
923 OUTSIDE SERVICES EMPLOYED	LB923	OMSUB2	-	-	-	-	-	-	-	-
924 PROPERTY INSURANCE	LB924	NTPLANT	-	-	-	-	-	-	-	-
925 INJURIES AND DAMAGES - INSURAN	LB925	LBSUB2	-	-	-	-	-	-	-	-
926 EMPLOYEE BENEFITS	LB926	LBSUB2	-	-	-	-	-	-	-	-
928 REGULATORY COMMISSION EXPENSES	LB928	OMSUB2	-	-	-	-	-	-	-	-
929 DUPLICATE CHARGES-CR	LB929	OMSUB2	-	-	-	-	-	-	-	-
930 MISCELLANEOUS GENERAL EXPENSES	LB930	OMSUB2	-	-	-	-	-	-	-	-
931 RENTS AND LEASES	LB931	NTPLANT	-	-	-	-	-	-	-	-
932 GENERAL	LB932	PGP	37,758	54,451	-	11,636	6,578	3,914	-	-
950 PAYROLL GENERAL LEDGER DEFAULT	LB950	PGP	-	-	-	-	-	-	-	-
Total Administrative and General Expense	LBAG		\$ 37,758	\$ 54,451	\$ -	\$ 11,636	\$ 6,578	\$ 3,914	\$ -	\$ -
Total Operation and Maintenance Expenses	TUB		\$ 602,708	\$ 882,181	\$ -	\$ 67,523	\$ 405,095	\$ 22,404	\$ 851,627	\$ -
Operation and Maintenance Expenses Less Purchase Power	LBLPP		\$ 602,708	\$ 882,181	\$ -	\$ 67,523	\$ 405,095	\$ 22,404	\$ 851,627	\$ -

CLARK ENERGY COOPERATIVE
Cost of Service Study
Functionalization and Classification

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Power Supply		Transmission Demand	Station Equipment Demand
				Demand	Energy		
Functional Vectors							
Station Equipment	F001		1.000000	0.000000	0.000000	0.000000	1.000000
Poles, Towers and Fixtures	F002		1.000000	0.000000	0.000000	0.000000	0.000000
Overhead Conductors and Devices	F003		1.000000	0.000000	0.000000	0.000000	0.000000
Underground Conductors and Devices	F004		1.000000	0.000000	0.000000	0.000000	0.000000
Line Transformers	F005		1.000000	0.000000	0.000000	0.000000	0.000000
Services	F006		1.000000	0.000000	0.000000	0.000000	0.000000
Meters	F007		1.000000	0.000000	0.000000	0.000000	0.000000
Street Lighting	F008		1.000000	0.000000	0.000000	0.000000	0.000000
Meter Reading	F009		1.000000	0.000000	0.000000	0.000000	0.000000
Billing	F010		1.000000	0.000000	0.000000	0.000000	0.000000
Transmission	F011		1.000000	0.000000	0.000000	1.000000	0.000000
Load Management	F012		1.000000	0.000000	0.000000	0.000000	0.000000
Purchased Power Expenses	OMPP		1.000000	0.334442	0.665558	-	-
Installations on Customer Premises - Plant in Service	F013		1.000000	-	-	-	-
Installations on Customer Premises - Accum Depr	F014		1.000000	-	-	-	-
Mapping	F015		1.000000	0.000000	0.000000	0.000000	0.000000
Production - Demand	F016		1.000000	1.000000	0.000000	0.000000	0.000000
Production - Energy	F017		1.000000	0.000000	1.000000	0.000000	0.000000

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Functionalization and Classification
 12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Pri. & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust Acct Service	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer
Functional Vectors										
Station Equipment	F001		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Poles, Towers and Fixtures	F002		0.568178	0.431822	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Overhead Conductors and Devices	F003		0.404676	0.595324	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Underground Conductors and Devices	F004		0.192387	0.807613	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Line Transformers	F005		0.210101	0.789899	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Services	F006		0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000
Meters	F007		0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
Street Lighting	F008		0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000
Meter Reading	F009		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
Billing	F010		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000
Transmission	F011		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Load Management	F012		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000
Purchased Power Expenses										
	OMPP		-	-	-	-	-	-	-	-
Installations on Customer Premises - Plant in Service	F013		-	-	-	-	-	-	-	-
Installations on Customer Premises - Accum Depr	F014		-	-	-	-	1.00000	-	-	-
Mapping	F015		0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Production - Demand	F016		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Production - Energy	F017		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

Case No. 2020-00104
Application Exhibit 9

Direct Testimony of
John Wolfram
Exhibit JW-5

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

<u>Description</u>	<u>Name</u>	<u>Allocation Vector</u>	<u>Total System</u>	<u>Residential R</u>	<u>Resid TOU D</u>	<u>General Power Service < 50kW C</u>	<u>Public Facilities E</u>
Plant in Service							
Production & Purchase Power							
Demand	PLPPD	PPDA	\$ -	\$ -	\$ -	\$ -	\$ -
Energy	PLPPE	PPEA	\$ -	\$ -	\$ -	\$ -	\$ -
Total Purchase Power	PLPPT		\$ -	\$ -	\$ -	\$ -	\$ -
Transmission							
Demand	PLTD	TA1	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment							
Demand	PLSED	SA1	\$ 1,547,226	\$ 1,249,910	\$ 2,069	\$ 115,103	\$ 14,426
Primary & Secondary Distribution Plant							
Demand	PLDPD	DA1	\$ 44,313,809	\$ 37,623,595	\$ 82,477	\$ 2,722,903	\$ 364,015
Customer	PLDPC	C01	\$ 63,904,336	\$ 57,929,400	\$ 379,440	\$ 4,096,066	\$ 711,744
Total Primary Distribution Plant	PLD		\$ 108,218,144	\$ 95,552,996	\$ 461,917	\$ 6,818,969	\$ 1,075,760
Customer Services							
Demand	PLCSD	CSA	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	PLCSC	SERV	\$ 13,655,713	\$ 11,738,818	\$ 76,890	\$ 1,519,262	\$ 175,893
Total Customer Services			\$ 13,655,713	\$ 11,738,818	\$ 76,890	\$ 1,519,262	\$ 175,893
Meters							
Customer	PLMC	C03	\$ 7,720,599	\$ 6,889,947	\$ 45,129	\$ 607,034	\$ 84,653
Lighting Systems							
Customer	PLLSC	C04	\$ 4,593,016	\$ -	\$ -	\$ -	\$ -
Meter Reading, Billing and Customer Service							
Customer	PLMRBC	C05	\$ -	\$ -	\$ -	\$ -	\$ -
Load Management							
Customer	PLCSC	C06	\$ -	\$ -	\$ -	\$ -	\$ -
Total	PLT		\$ 135,734,701	\$ 115,431,870	\$ 586,005	\$ 9,060,367	\$ 1,350,731

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500+kW P	Lighting \$,T,O
Plant in Service						
Production & Purchase Power						
Demand	PLPPD	PPDA	\$ -	\$ -	\$ -	-
Energy	PLPPE	PPEA	\$ -	\$ -	\$ -	-
Total Purchase Power	PLPPT		\$ -	\$ -	\$ -	-
Transmission						
Demand	PLTD	TA1	\$ -	\$ -	\$ -	-
Station Equipment						
Demand	PLSED	SA1	\$ 111,459	\$ -	\$ 43,665	10,597
Primary & Secondary Distribution Plant						
Demand	PLDPD	DA1	\$ 2,138,485	\$ 300,941	\$ 848,022	233,370
Customer	PLDPC	C01	\$ 269,245	\$ 2,357	\$ 21,211	504,872
Total Primary Distribution Plant	PLD		\$ 2,397,730	\$ 303,298	\$ 869,233	738,242
Customer Services						
Demand	PLCSD	CSA	\$ -	\$ -	\$ -	-
Customer	PLCSC	SERV	\$ 135,177	\$ 1,229	\$ 8,445	-
Total Customer Services			\$ 135,177	\$ 1,229	\$ 8,445	-
Meters						
Customer	PLMC	C03	\$ 84,671	\$ 917	\$ 6,249	-
Lighting Systems						
Customer	PLLSC	C04	\$ -	\$ -	\$ -	4,593,016
Meter Reading, Billing and Customer Service						
Customer	PLMRBC	C05	\$ -	\$ -	\$ -	-
Load Management						
Customer	PLCSC	C06	\$ -	\$ -	\$ -	-
Total	PLT		\$ 2,729,036	\$ 305,443	\$ 929,592	5,341,856

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 50kW C	Public Facilities E
Net Utility Plant							
Production & Purchase Power							
Demand	NPPPD	PPDA	\$ -	\$ -	\$ -	\$ -	\$ -
Energy	NPPPE	PPEA	-	-	-	-	-
Total Purchase Power	NPPPT		-	-	-	-	-
Transmission							
Demand	NPTD	TA1	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment							
Demand	NPSED	SA1	\$ 2,063,388	\$ 1,666,683	\$ 2,759	\$ 153,501	\$ 19,239
Primary Distribution Plant							
Demand	NPPDP	DA1	\$ 59,097,018	\$ 50,174,931	\$ 109,991	\$ 3,631,271	\$ 485,452
Customer	NPPDC	C01	85,222,999	77,254,809	506,022	5,462,525	949,184
Total Primary Distribution Plant			\$ 144,320,017	\$ 127,429,739	\$ 616,013	\$ 9,093,796	\$ 1,434,636
Customer Services							
Demand	NPCSD	CSA	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	NPCSC	SERV	18,211,297	15,654,920	102,540	2,026,092	234,571
Total Customer Services			\$ 18,211,297	\$ 15,654,920	\$ 102,540	\$ 2,026,092	\$ 234,571
Meters							
Customer	NPMC	C03	\$ 10,296,213	\$ 9,188,453	\$ 60,185	\$ 809,542	\$ 112,893
Lighting Systems							
Customer	NPLSC	C04	\$ 6,125,259	\$ -	\$ -	\$ -	\$ -
Meter Reading, Billing and Customer Service							
Customer	NPMRBC	C05	\$ -	\$ -	\$ -	\$ -	\$ -
Load Management							
Customer	NPCSC	C06	\$ -	\$ -	\$ -	\$ -	\$ -
Total	NPT		\$ 181,016,173	\$ 153,939,995	\$ 781,496	\$ 12,082,931	\$ 1,801,339

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW		General Power Service 1000-3000kW		General Power Service 500-kW		Lighting S,T,O	
			L		M		P			
Net Utility Plant										
Production & Purchase Power										
Demand	NPPPD	PPDA	\$	-	\$	-	\$	-	\$	-
Energy	NPPPE	PPEA	\$	-	\$	-	\$	-	\$	-
Total Purchase Power	NPPPT		\$	-	\$	-	\$	-	\$	-
Transmission										
Demand	NPTD	TA1	\$	-	\$	-	\$	-	\$	-
Station Equipment										
Demand	NPSED	SA1	\$	149,641	\$	-	\$	58,232	\$	14,132
Primary Distribution Plant										
Demand	NPPDP	DA1	\$	2,851,890	\$	401,336	\$	1,130,925	\$	311,223
Customer	NPPDC	C01	\$	345,729	\$	3,143	\$	28,287	\$	673,299
Total Primary Distribution Plant			\$	3,197,619	\$	404,479	\$	1,159,212	\$	984,522
Customer Services										
Demand	NPCSD	CSA	\$	-	\$	-	\$	-	\$	-
Customer	NPCSC	SERV	\$	180,273	\$	1,639	\$	11,262	\$	-
Total Customer Services			\$	180,273	\$	1,639	\$	11,262	\$	-
Meters										
Customer	NPMC	C03	\$	112,917	\$	1,222	\$	11,001	\$	-
Lighting Systems										
Customer	NPLSC	C04	\$	-	\$	-	\$	-	\$	6,125,259
Meter Reading, Billing and Customer Service										
Customer	NPMRBC	C05	\$	-	\$	-	\$	-	\$	-
Load Management										
Customer	NPCSC	C06	\$	-	\$	-	\$	-	\$	-
Total	NPT		\$	3,639,450	\$	407,340	\$	1,239,707	\$	7,123,913

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 50kW C	Public Facilities E
Net Cost Rate Base							
Production & Purchase Power							
Demand	RBPPD	PPDA	\$ -	\$ -	\$ -	\$ -	-
Energy	RBPPE	PPEA	-	-	-	-	-
Total Purchase Power	RBPPT		-	-	-	-	-
Transmission							
Demand	RBSD	TA1	\$ -	\$ -	\$ -	\$ -	-
Station Equipment							
Demand	RBSD	SA1	\$ 2,077,178	\$ 1,678,023	\$ 2,778	\$ 154,527	19,367
Primary Distribution Plant							
Demand	RBDPD	DA1	\$ 58,849,840	\$ 50,644,281	\$ 111,020	\$ 3,665,240	489,993
Customer	RBDPC	C01	88,041,368	77,996,662	510,881	5,614,980	958,299
Total Primary Distribution Plant			\$ 145,891,209	\$ 128,640,954	\$ 621,902	\$ 9,180,219	1,448,282
Customer Services							
Demand	RBCSD	CSA	\$ -	\$ -	\$ -	\$ -	-
Customer	RBCSC	SERV	18,328,891	15,754,374	103,192	2,038,963	236,061
Total Customer Services			\$ 18,328,891	\$ 15,754,374	\$ 103,192	\$ 2,038,963	236,061
Meters							
Customer	RBMC	C03	\$ 10,396,032	\$ 9,277,532	\$ 60,768	\$ 617,390	113,068
Lighting Systems							
Customer	RBLSC	C04	\$ 6,158,310	\$ -	\$ -	\$ -	-
Meter Reading, Billing and Customer Service							
Customer	RBMRC	C05	\$ 237,434	\$ 215,280	\$ 1,410	\$ 15,222	2,645
Load Management							
Customer	RBCSC	C06	\$ 1,078	\$ 725	\$ 5	\$ 51	9
Total	RBT		\$ 162,888,282	\$ 155,566,888	\$ 790,054	\$ 12,206,373	1,820,362
			1.00	0.85	0.00	0.07	0.01

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500+kW P	Lighting S,T,O	
Net Cost Rate Base						
Production & Purchase Power						
Demand	RBPDP	FPDA	\$ -	\$ -	\$ -	-
Energy	RBPPE	FPEA	\$ -	\$ -	\$ -	-
Total Purchase Power	RBPPT		\$ -	\$ -	\$ -	-
Transmission						
Demand	RBDT	TA1	\$ -	\$ -	\$ -	-
Station Equipment						
Demand	RBSED	SA1	\$ 149,635	\$ -	\$ 58,621	14,227
Primary Distribution Plant						
Demand	RBDPD	DA1	\$ 2,878,568	\$ 405,090	\$ 1,141,504	314,134
Customer	RBDPC	C01	\$ 349,049	\$ 3,173	\$ 26,559	679,765
Total Primary Distribution Plant			\$ 3,227,617	\$ 408,263	\$ 1,170,063	993,899
Customer Services						
Demand	RBCSD	CSA	\$ -	\$ -	\$ -	-
Customer	RBCSC	SERV	\$ 181,418	\$ 1,649	\$ 11,334	-
Total Customer Services			\$ 181,418	\$ 1,649	\$ 11,334	-
Meters						
Customer	RBMC	C03	\$ 114,012	\$ 1,234	\$ 11,108	-
Lighting Systems						
Customer	RBLSC	C04	\$ -	\$ -	\$ -	6,158,310
Meter Reading, Billing and Customer Service						
Customer	RBMRC	C05	\$ 983	\$ 9	\$ 79	1,876
Load Management						
Customer	RBCSC	C06	\$ 3	\$ 0	\$ 0	294
Total	RBT		\$ 3,673,648 0.02	\$ 411,156 0.00	\$ 1,251,204 0.01	7,188,596 0.04

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TDU D	General Power Service < 50kW C	Public Facilities E
<u>Operation and Maintenance Expenses</u>							
Production & Purchase Power							
Demand	OMPPD	PPDA	\$ 10,403,369	\$ 8,306,829	\$ 13,752	\$ 764,976	\$ 95,875
Energy	OMPPE	PPEA	\$ 20,703,282	\$ 15,884,544	\$ 34,563	\$ 1,449,797	\$ 193,741
Total Purchase Power	OMPPT		\$ 31,106,651	\$ 23,991,473	\$ 48,315	\$ 2,214,773	\$ 289,616
Transmission							
Demand	OMTD	TOMA	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment							
Demand	OMSED	SOMA	\$ 38,025	\$ 30,716	\$ 51	\$ 2,829	\$ 355
Primary Distribution Plant							
Demand	OMDPD	DOM	\$ 2,351,925	\$ 1,996,847	\$ 4,377	\$ 144,516	\$ 19,320
Customer	OMDPC	C01	\$ 3,560,897	\$ 3,227,960	\$ 21,143	\$ 228,242	\$ 39,660
Total Primary Distribution Plant			\$ 5,912,822	\$ 5,224,806	\$ 25,521	\$ 372,758	\$ 58,980
Customer Services							
Demand	OMGSD	SERV	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	OMGSC	SERV	\$ 267,464	\$ 247,112	\$ 1,619	\$ 31,982	\$ 3,703
Total Customer Services			\$ 267,464	\$ 247,112	\$ 1,619	\$ 31,982	\$ 3,703
Meters							
Customer	OMMC	C03	\$ 437,793	\$ 390,691	\$ 2,559	\$ 34,422	\$ 4,800
Lighting Systems							
Customer	OMLSC	C04	\$ 49,791	\$ -	\$ -	\$ -	\$ -
Meter Reading, Billing and Customer Service							
Customer	OMMRBC	C05	\$ 1,899,874	\$ 1,722,239	\$ 11,281	\$ 121,776	\$ 21,160
Load Management							
Customer	OMCSC	C06	\$ 8,621	\$ 5,799	\$ 38	\$ 410	\$ 71
Total	OMT		\$ 39,741,041	\$ 31,612,839	\$ 89,383	\$ 2,778,950	\$ 378,685

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500-kW P	Lighting S,T,O
Operation and Maintenance Expenses						
Production & Purchase Power						
Demand	OMPPD	PPDA	\$ 740,756	\$ 120,453	\$ 260,199	\$ 70,429
Energy	OMPPE	PPEA	\$ 1,852,148	\$ 505,998	\$ 712,281	\$ 270,231
Total Purchase Power	OMPPT		\$ 2,592,903	\$ 626,421	\$ 1,002,490	\$ 340,659
Transmission						
Demand	OMTD	TOMA	\$ -	\$ -	\$ -	-
Station Equipment						
Demand	OMSED	SOMA	\$ 2,739	-	\$ 1,073	260
Primary Distribution Plant						
Demand	OMDPD	DOM	\$ 113,499	\$ 15,972	\$ 45,008	\$ 12,386
Customer	OMDPC	C01	\$ 14,445	\$ 131	\$ 1,192	\$ 28,133
Total Primary Distribution Plant			\$ 127,944	\$ 16,104	\$ 46,190	\$ 40,519
Customer Services						
Demand	OMCSD	SERV	\$ -	\$ -	\$ -	-
Customer	OMCSC	SERV	\$ 2,846	\$ 26	\$ 178	-
Total Customer Services			\$ 2,846	\$ 26	\$ 178	-
Meters						
Customer	OMMC	C03	\$ 4,801	\$ 52	\$ 468	-
Lighting Systems						
Customer	OMLSC	C04	\$ -	\$ -	\$ -	49,791
Meter Reading, Billing and Customer Service						
Customer	OMMRBC	C05	\$ 7,707	\$ 70	\$ 631	15,010
Load Management						
Customer	OMCSC	C06	\$ 26	\$ 0	\$ 2	2,274
Total	OMT		\$ 2,738,966	\$ 642,673	\$ 1,051,032	\$ 448,513

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 30kW C	Public Facilities E
Labor Expenses							
Production & Purchase Power							
Demand	LBPPD	PFDA	\$ -	\$ -	\$ -	\$ -	-
Energy	LBPPE	PPEA	-	-	-	-	-
Total Purchase Power	LBPPT		-	-	-	-	-
Transmission							
Demand	LBTD	TOMA	\$ -	\$ -	\$ -	\$ -	-
Station Equipment							
Demand	LBSED	SCMA	\$ 13,831	\$ 11,174	\$ 18	\$ 1,029	\$ 129
Primary Distribution Plant							
Demand	LBPPD	DOM	\$ 602,709	\$ 511,715	\$ 1,122	\$ 37,034	\$ 4,951
Customer	LBPPC	C01	882,181	799,699	5,238	56,546	9,825
Total Primary Distribution Plant			\$ 1,484,890	\$ 1,311,414	\$ 6,360	\$ 93,579	\$ 14,776
Customer Services							
Demand	LBCSD	SERV	\$ -	\$ -	\$ -	\$ -	-
Customer	LBCSC	SERV	67,523	58,044	390	7,512	870
Total Customer Services			\$ 67,523	\$ 58,044	\$ 390	\$ 7,512	\$ 870
Meters							
Customer	LBMC	C03	\$ 405,095	\$ 361,512	\$ 2,368	\$ 31,851	\$ 4,442
Lighting Systems							
Customer	LBLSC	C04	\$ 22,404	\$ -	\$ -	\$ -	-
Meter Reading, Billing and Customer Service							
Customer	LBMRBC	C05	\$ 851,627	\$ 772,002	\$ 5,057	\$ 54,587	\$ 9,485
Load Management							
Customer	LBCSC	C06	\$ -	\$ -	\$ -	\$ -	-
Total	LBT		\$ 2,845,370	\$ 2,514,145	\$ 14,183	\$ 188,557	\$ 29,702

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500-kW P	Lighting S,T,O
Labor Expenses						
Production & Purchase Power						
Demand	LBPPD	PPDA	\$ -	\$ -	\$ -	-
Energy	LBPPE	PPEA	\$ -	\$ -	\$ -	-
Total Purchase Power	LBPPT		\$ -	\$ -	\$ -	-
Transmission						
Demand	LBTD	TOMA	\$ -	\$ -	\$ -	-
Station Equipment						
Demand	LBSED	SOMA	\$ 996	\$ -	\$ 390	95
Primary Distribution Plant						
Demand	LBDDP	DOM	\$ 29,085	\$ 4,093	\$ 11,534	3,174
Customer	LBDPC	C01	\$ 3,579	\$ 33	\$ 293	6,970
Total Primary Distribution Plant			\$ 32,664	\$ 4,126	\$ 11,827	10,144
Customer Services						
Demand	LBCSD	SERV	\$ -	\$ -	\$ -	-
Customer	LBCSC	SERV	\$ 668	\$ 6	\$ 42	-
Total Customer Services			\$ 668	\$ 6	\$ 42	-
Meters						
Customer	LBMC	C03	\$ 4,443	\$ 46	\$ 433	-
Lighting Systems						
Customer	LBLSC	C04	\$ -	\$ -	\$ -	22,404
Meter Reading, Billing and Customer Service						
Customer	LBMREC	C05	\$ 3,455	\$ 31	\$ 283	6,728
Load Management						
Customer	LBCSC	C06	\$ -	\$ -	\$ -	-
Total	LBT		\$ 42,226	\$ 4,211	\$ 12,974	39,371

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 50kW C	Public Facilities E
Depreciation Expenses							
Production & Purchase Power							
Demand	DPPPD	PPDA	\$ -	\$ -	\$ -	\$ -	\$ -
Energy	DPPPE	PPEA	-	-	-	-	-
Total Purchase Power	DPPPT		-	-	-	-	-
Transmission							
Demand	DPTD	TA1	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment							
Demand	DPSER	SA1	\$ 60,491	\$ 48,867	\$ 81	\$ 4,500	\$ 564
Primary Distribution Plant							
Demand	DPDPD	DA1	\$ 1,732,506	\$ 1,470,943	\$ 3,225	\$ 106,455	\$ 14,232
Customer	DPDPC	C01	2,498,423	2,264,825	14,895	160,141	27,827
Total Primary Distribution Plant			\$ 4,230,929	\$ 3,735,769	\$ 18,059	\$ 266,596	\$ 42,059
Customer Services							
Demand	DPCSD	SERV	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	DPCSC	SERV	533,888	458,944	3,006	59,398	6,877
Total Customer Services			\$ 533,888	\$ 458,944	\$ 3,006	\$ 59,398	\$ 6,877
Meters							
Customer	DPMC	C03	\$ 301,847	\$ 269,371	\$ 1,764	\$ 23,733	\$ 3,310
Lighting Systems							
Customer	DPLSC	C04	\$ 179,570	\$ -	\$ -	\$ -	\$ -
Meter Reading, Billing and Customer Service							
Customer	DPMRBC	C05	\$ -	\$ -	\$ -	\$ -	\$ -
Load Management							
Customer	DPCSC	C06	\$ -	\$ -	\$ -	\$ -	\$ -
Total	DPT		\$ 5,306,725	\$ 4,512,951	\$ 22,911	\$ 354,227	\$ 52,809

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500+1kW P	Lighting S,T,O
Depreciation Expenses						
Production & Purchase Power						
Demand	DPPPD	PPDA	\$ -	\$ -	\$ -	-
Energy	DPPPE	RPEA	\$ -	\$ -	\$ -	-
Total Purchase Power	DPPPT		\$ -	\$ -	\$ -	-
Transmission						
Demand	DPTD	TA1	\$ -	\$ -	\$ -	-
Station Equipment						
Demand	DPSED	SA1	\$ 4,358	\$ -	\$ 1,707	414
Primary Distribution Plant						
Demand	DPDPD	DA1	\$ 83,607	\$ 11,766	\$ 33,155	9,124
Customer	DPDPC	C01	\$ 10,136	\$ 92	\$ 829	19,739
Total Primary Distribution Plant			\$ 93,742	\$ 11,858	\$ 33,984	28,863
Customer Services						
Demand	DPCSD	SERV	\$ -	\$ -	\$ -	-
Customer	DPCSC	SERV	\$ 5,285	\$ 48	\$ 330	-
Total Customer Services			\$ 5,285	\$ 48	\$ 330	-
Meters						
Customer	DPMC	C03	\$ 3,310	\$ 36	\$ 323	-
Lighting Systems						
Customer	DPLSC	C04	\$ -	\$ -	\$ -	179,570
Meter Reading, Billing and Customer Service						
Customer	DPMRBC	C05	\$ -	\$ -	\$ -	-
Load Management						
Customer	DPCSC	C06	\$ -	\$ -	\$ -	-
Total	DPT		\$ 106,695	\$ 11,942	\$ 36,344	208,647

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 50kW C	Public Facilities E
Property Taxes							
Production & Purchase Power							
Demand	PTPPD	PPDA	\$ -	\$ -	\$ -	\$ -	-
Energy	PTPPE	PPEA	-	-	-	-	-
Total Purchase Power	PTPPT		-	-	-	-	-
Transmission							
Demand	PTTD	TOMA	\$ -	\$ -	\$ -	\$ -	-
Station Equipment							
Demand	PTSED	SOMA	\$ -	\$ -	\$ -	\$ -	-
Primary Distribution Plant							
Demand	PTDPD	DOM	\$ -	\$ -	\$ -	\$ -	-
Customer	PTDPC	C01	-	-	-	-	-
Total Primary Distribution Plant			-	-	-	-	-
Customer Services							
Demand	PTCSD	SERV	\$ -	\$ -	\$ -	\$ -	-
Customer	PTCSC	SERV	-	-	-	-	-
Total Customer Services			-	-	-	-	-
Meters							
Customer	PTMC	C03	\$ -	\$ -	\$ -	\$ -	-
Lighting Systems							
Customer	PTLSC	C04	\$ -	\$ -	\$ -	\$ -	-
Meter Reading, Billing and Customer Service							
Customer	PTMRBC	C05	\$ -	\$ -	\$ -	\$ -	-
Load Management							
Customer	PTCSC	C06	\$ -	\$ -	\$ -	\$ -	-
Total	PTT		\$ -	\$ -	\$ -	\$ -	-

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW	L	General Power Service 1000-5000kW	M	General Power Service 500+kW	P	Lighting S,T,O
Property Taxes									
Production & Purchase Power									
Demand	PTPPD	PPDA	\$	-	\$	-	\$	-	-
Energy	PTPPE	PPEA	\$	-	\$	-	\$	-	-
Total Purchase Power	PTPPT		\$	-	\$	-	\$	-	-
Transmission									
Demand	PTTD	TOMA	\$	-	\$	-	\$	-	-
Station Equipment									
Demand	PTSED	SOMA	\$	-	\$	-	\$	-	-
Primary Distribution Plant									
Demand	PTDPD	DOM	\$	-	\$	-	\$	-	-
Customer	PTDPC	C01	\$	-	\$	-	\$	-	-
Total Primary Distribution Plant			\$	-	\$	-	\$	-	-
Customer Services									
Demand	PTCSD	SERV	\$	-	\$	-	\$	-	-
Customer	PTCSC	SERV	\$	-	\$	-	\$	-	-
Total Customer Services			\$	-	\$	-	\$	-	-
Meters									
Customer	PTMC	C03	\$	-	\$	-	\$	-	-
Lighting Systems									
Customer	PTLSC	C04	\$	-	\$	-	\$	-	-
Meter Reading, Billing and Customer Service									
Customer	PTMRBC	C05	\$	-	\$	-	\$	-	-
Load Management									
Customer	PTCSC	C06	\$	-	\$	-	\$	-	-
Total	PTT		\$	-	\$	-	\$	-	-

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 90kW C	Public Facilities E
Other Taxes							
Production & Purchase Power							
Demand	OTPPD	PPOA	\$ -	\$ -	\$ -	\$ -	\$ -
Energy	OTPPE	PPEA	\$ -	\$ -	\$ -	\$ -	\$ -
Total Purchase Power	OTPPT		\$ -	\$ -	\$ -	\$ -	\$ -
Transmission							
Demand	OTTD	TOMA	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment							
Demand	OTSED	SOMA	\$ 722	\$ 594	\$ 1	\$ 54	\$ 7
Primary Distribution Plant							
Demand	OTDPD	DOM	\$ 20,890	\$ 17,566	\$ 39	\$ 1,271	\$ 170
Customer	OTDPC	C01	\$ 29,837	\$ 27,047	\$ 177	\$ 1,912	\$ 332
Total Primary Distribution Plant			\$ 50,627	\$ 44,613	\$ 216	\$ 3,184	\$ 502
Customer Services							
Demand	OTCSD	SERV	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	OTCSC	SERV	\$ 6,376	\$ 5,481	\$ 36	\$ 709	\$ 82
Total Customer Services			\$ 6,376	\$ 5,481	\$ 36	\$ 709	\$ 82
Meters							
Customer	OTMC	C03	\$ 3,605	\$ 3,217	\$ 21	\$ 283	\$ 40
Lighting Systems							
Customer	OTLSC	C04	\$ 2,144	\$ -	\$ -	\$ -	\$ -
Meter Reading, Billing and Customer Service							
Customer	OTMRBC	C05	\$ -	\$ -	\$ -	\$ -	\$ -
Load Management							
Customer	OTCSC	C06	\$ -	\$ -	\$ -	\$ -	\$ -
Total	OTT		\$ 63,374	\$ 53,895	\$ 274	\$ 4,230	\$ 631

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Factor	General Power Service 50-500kW L	General Power Service 1000- 5000kW M	General Power Service 500+kW P	Lighting S.T.O
Other Taxes						
Production & Purchase Power						
Demand	OTPPD	PPDA	\$ -	\$ -	\$ -	-
Energy	OTPPE	PPEA	\$ -	\$ -	\$ -	-
Total Purchase Power	OTPPT		\$ -	\$ -	\$ -	-
Transmission						
Demand	OTTD	TQMA	\$ -	\$ -	\$ -	-
Station Equipment						
Demand	OTSED	SOMA	\$ 52	\$ -	\$ 20	5
Primary Distribution Plant						
Demand	OTDPD	DOM	\$ 998	\$ 141	\$ 396	109
Customer	OTDPC	C01	\$ 121	\$ 1	\$ 10	236
Total Primary Distribution Plant			\$ 1,119	\$ 142	\$ 406	345
Customer Services						
Demand	OTCSD	SERV	\$ -	\$ -	\$ -	-
Customer	OTCSC	SERV	\$ 63	\$ 1	\$ 4	-
Total Customer Services			\$ 63	\$ 1	\$ 4	-
Meters						
Customer	OTMC	C03	\$ 40	\$ 0	\$ 4	-
Lighting Systems						
Customer	OTLSC	C04	\$ -	\$ -	\$ -	2,144
Meter Reading, Billing and Customer Service						
Customer	OTMRBC	C05	\$ -	\$ -	\$ -	-
Load Management						
Customer	OTCSC	C06	\$ -	\$ -	\$ -	-
Total	OTT		\$ 1,274	\$ 143	\$ 434	2,494

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 50kW C	Public Facilities E
Cost of Service Summary – Unadjusted Results							
Operating Revenues							
Total Sales of Electric Energy	REVUC	R01	\$ 46,516,839	\$ 34,898,753	\$ 39,291	\$ 3,717,133	\$ 480,513
Other Electric Revenues		MISCSERV	\$ 1,458,768	\$ 1,254,656	\$ 8,219	\$ 162,406	\$ 18,803
Total Operating Revenues	TOR		\$ 47,975,607	\$ 36,153,409	\$ 47,510	\$ 3,879,539	\$ 499,316
Operating Expenses							
Operation and Maintenance Expenses			\$ 39,741,041	\$ 31,812,839	\$ 89,383	\$ 2,778,850	\$ 378,685
Depreciation and Amortization Expenses			5,306,725	4,812,951	22,911	354,227	52,809
Property Taxes		NPT	-	-	-	-	-
Other Taxes			63,374	53,895	274	4,230	631
Total Operating Expenses	TOE		\$ 45,111,139	\$ 36,179,685	\$ 112,567	\$ 3,137,407	\$ 432,124
Utility Operating Margin	TOM		\$ 2,864,468	\$ (26,076)	\$ (65,057)	\$ 742,132	\$ 67,192
Net Cost Rate Base			\$ 182,889,282	\$ 155,568,888	\$ 790,054	\$ 12,206,373	\$ 1,820,362
Rate of Return			1.57%	-0.02%	-8.23%	6.03%	3.69%
Utilized Rate of Return			1.00	(0.01)	(5.26)	3.88	2.36

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500-HkW P	Lighting S,T,O
Cost of Service Summary - Unadjusted Results						
Operating Revenues						
Total Sales of Electric Energy	REVUC	R01	\$ 3,924,853	\$ 887,522	\$ 1,381,128	\$ 1,187,646
Other Electric Revenues		MISCSERV	\$ 14,450	\$ 131	\$ 903	\$ -
Total Operating Revenues	TOR		\$ 3,939,303	\$ 887,653	\$ 1,382,031	\$ 1,187,646
Operating Expenses						
Operation and Maintenance Expenses			\$ 2,738,966	\$ 642,673	\$ 1,051,032	\$ 448,513
Depreciation and Amortization Expenses			106,695	11,942	36,344	208,847
Property Taxes		NPT	-	-	-	-
Other Taxes			1,274	143	434	2,494
Total Operating Expenses	TOE		\$ 2,846,936	\$ 654,758	\$ 1,087,809	\$ 659,854
Utility Operating Margin	TOM		\$ 1,092,367	\$ 232,896	\$ 294,222	\$ 527,792
Net Cost Rate Base			\$ 3,673,648	\$ 411,156	\$ 1,251,204	\$ 7,168,596
Rate of Return			29.74%	56.64%	23.52%	7.38%
Unfunded Rate of Return			18.98	36.15	15.01	4.70

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 50KW C	Public Facilities E
Cost of Service Summary – Adjusted Results							
Operating Revenues							
Total Operating Revenue – Actual			\$ 47,976,607	\$ 36,153,609	\$ 47,510	\$ 3,879,539	\$ 489,316
Pro-Forma Adjustments:							
1 Fuel Adjustment Clause		E01	\$ 1,700,769	\$ 1,297,919	\$ 2,860	\$ 116,897	\$ 16,621
2 Environmental Surcharge		12CP	\$ (4,213,269)	\$ (3,394,230)	\$ (5,569)	\$ (309,806)	\$ (39,829)
4 Year-End Customer Normalization			\$ 182,668	\$ 116,555	\$ -	\$ 16,894	\$ (4,464)
6 Non-Recurring Items		MISCSERV	\$ (195,902)	\$ (168,403)	\$ (1,103)	\$ (21,795)	\$ (2,523)
FAC Roll-In		R01	\$ (660,040)	\$ (520,690)	\$ (760)	\$ (48,130)	\$ (6,432)
Total Pro Forma Adjustments			\$ (3,225,774)	\$ (2,638,848)	\$ (4,572)	\$ (245,953)	\$ (36,626)
Total Pro-Forma Operating Revenue			\$ 44,750,833	\$ 33,514,761	\$ 42,938	\$ 3,633,587	\$ 462,689
Operating Expenses							
Total Operating Expenses – Actual	TOE		\$ 45,111,139	\$ 36,179,685	\$ 112,567	\$ 3,137,407	\$ 432,124
Pro-Forma Adjustments:							
1 To Remove Fuel Expense Recoverable through the FAC		E01	\$ 1,819,165	\$ 1,388,271	\$ 3,059	\$ 125,034	\$ 16,709
2a To Remove Expenses Recoverable through the ES (Demand)		12CP	\$ (2,776,639)	\$ (2,217,103)	\$ (3,670)	\$ (204,171)	\$ (25,599)
2b To Remove Expenses Recoverable through the ES (Energy)		E01	\$ (1,495,113)	\$ (1,140,976)	\$ (2,514)	\$ (102,762)	\$ (13,732)
3 Rate Case Expenses		RBT	\$ 16,667	\$ 14,177	\$ 72	\$ 1,112	\$ 166
4 Year-End Customer Normalization			\$ 103,791	\$ 73,149	\$ -	\$ 10,991	\$ (2,536)
6 Non-Recurring Items		RBT	\$ (4,296)	\$ (3,656)	\$ (19)	\$ (287)	\$ (43)
7 Depreciation Expense Normalization		RBT	\$ (93,099)	\$ (70,685)	\$ (359)	\$ (5,546)	\$ (827)
8 Advertising & Donations		LBT	\$ (67,535)	\$ (59,673)	\$ (337)	\$ (4,475)	\$ (705)
9 Directors Expense		LBT	\$ (68,646)	\$ (51,819)	\$ (282)	\$ (3,886)	\$ (612)
10 Interest		LBT	\$ (89,638)	\$ (79,203)	\$ (447)	\$ (5,940)	\$ (936)
11 Life Insurance Premiums		DPT	\$ (20,628)	\$ (17,540)	\$ (89)	\$ (1,377)	\$ (205)
Total Pro Forma Adjustments			\$ (2,655,971)	\$ (2,165,054)	\$ (4,596)	\$ (191,306)	\$ (28,311)
Total Pro-Forma Operating Expenses			\$ 42,455,169	\$ 34,014,627	\$ 107,971	\$ 2,946,101	\$ 403,813
Utility Operating Margin – Pro-Forma			\$ 2,295,664	\$ (499,866)	\$ (65,034)	\$ 687,486	\$ 58,876
Net Cost Rate Base			\$ 182,888,282	\$ 155,566,888	\$ 790,054	\$ 12,206,373	\$ 1,820,362
Pro-Forma Rate Base Adjustments <reserved>		RBT	\$ -	\$ -	\$ -	\$ -	\$ -
Pro-Forma Rate Base			\$ 182,888,282	\$ 155,566,888	\$ 790,054	\$ 12,206,373	\$ 1,820,362
Rate of Return			1.28%	4.32%	8.23%	5.63%	3.23%
Utilized Rate of Return			1.90	(0.26)	(6.58)	4.48	2.58

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Factor	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500-kW P	Lighting S,T,O
Cost of Service Summary -- Adjusted Results						
Operating Revenues						
Total Operating Revenue -- Actual			\$ 3,939,303	\$ 887,653	\$ 1,392,031	\$ 1,187,646
Pro-Forma Adjustments:						
1 Fuel Adjustment Clause		E01	\$ 149,338	\$ 39,776	\$ 55,996	\$ 22,362
2 Environmental Surcharge		12CP	\$ (300,000)	\$ (48,782)	\$ (117,529)	\$ (28,523)
4 Year-End Customer Normalization			\$ 33,892	\$ -	\$ -	\$ -
6 Non-Recurring Items		MISCSERV	\$ (1,939)	\$ (19)	\$ (121)	\$ -
FAC Roll-In		R01	\$ (61,487)	\$ (16,797)	\$ (23,646)	\$ (2,098)
Total Pro-Forma Adjustments			\$ (180,396)	\$ (25,821)	\$ (85,299)	\$ (8,259)
Total Pro-Forma Operating Revenue			\$ 3,758,907	\$ 861,832	\$ 1,296,732	\$ 1,179,387
Operating Expenses						
Total Operating Expenses -- Actual	TOE		\$ 2,846,936	\$ 654,758	\$ 1,087,809	\$ 659,854
Pro-Forma Adjustments:						
1 To Remove Fuel Expense Recoverable through the FAC		E01	\$ 159,734	\$ 42,545	\$ 59,894	\$ 23,919
2a To Remove Expenses Recoverable through the ES (Demand)		12CP	\$ (197,706)	\$ (32,149)	\$ (77,454)	\$ (19,797)
2b To Remove Expenses Recoverable through the ES (Energy)		E01	\$ (131,280)	\$ (34,966)	\$ (49,225)	\$ (19,658)
3 Rate Case Expenses		RBT	\$ 335	\$ 37	\$ 114	\$ 653
4 Year-End Customer Normalization			\$ 22,186	\$ -	\$ -	\$ -
6 Non-Recurring Items		RBT	\$ (86)	\$ (10)	\$ (29)	\$ (168)
7 Depreciation Expense Normalization		RBT	\$ (1,669)	\$ (187)	\$ (569)	\$ (3,257)
8 Advertising & Donations		LBT	\$ (1,002)	\$ (100)	\$ (308)	\$ (834)
9 Directors Expense		LBT	\$ (870)	\$ (87)	\$ (267)	\$ (811)
10 Interest		LBT	\$ (1,330)	\$ (133)	\$ (409)	\$ (1,240)
11 Life Insurance Premiums		DPT	\$ (415)	\$ (46)	\$ (141)	\$ (812)
Total Pro-Forma Adjustments			\$ (152,105)	\$ (25,095)	\$ (66,394)	\$ (21,107)
Total Pro-Forma Operating Expenses			\$ 2,694,831	\$ 629,663	\$ 1,019,415	\$ 638,747
Utility Operating Margin -- Pro-Forma			\$ 1,064,076	\$ 232,170	\$ 277,316	\$ 540,640
Net Cost Rate Base			\$ 3,673,648	\$ 411,156	\$ 1,251,204	\$ 7,168,596
Pro-Forma Rate Base Adjustments <reserved>		RBT	\$ -	\$ -	\$ -	\$ -
Pro-Forma Rate Base			\$ 3,673,648	\$ 411,156	\$ 1,251,204	\$ 7,168,596
Rate of Return			29.97%	56.67%	22.18%	7.54%
Unkized Rate of Return			23.09	44.99	17.66	6.01

CLARK ENERGY COOPERATIVE
 Cost of Service Study
 Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Factor	Total System	Residential R	Resid TOU D	General Power Service < 50kW C	Public Facilities E
Allocation Factors							
Energy Allocation Factors							
Energy Usage by Class	E01	Energy	1 000000	0 763137	0 001682	0 068732	0 009185
Demand Allocation Factors							
Purchase Power – Average 12 CP	D01	12CP	1 000000	0 798485	0 001322	0 073532	0 009216
Station Equipment – Maximum Class Demand	D02	NCP	1 000000	0 808356	0 003299	0 072799	0 010402
Primary Distribution Plant – Maximum Class Demand	D03	NCP	1 000000	0 808356	0 003299	0 072799	0 010402
Services	SERV		1 000000	0 859627	0 005631	0 111255	0 012881
Misc Service Revenue	MISCSEV		1 000000	0 859627	0 005631	0 111255	0 012881
Residential & Commercial Rev	RCRev		43,948,064	34,898,753	39,291	3,717,133	480,513
Customer Allocation Factors							
Primary Distribution Plant – Average Number of Customers	C01	Cust03	1 000000	0 906502	0 005938	0 064097	0 011138
Customer Services – Average Number of Customers	C02	Cust02	1 000000	0 672669	0 004406	0 047563	0 008265
Meter Costs – Weighted Cost of Meters	C03		1 000000	0 892411	0 005845	0 078625	0 010965
Lighting Systems – Lighting Customers	C04	Cust04	1 000000	-	-	-	-
Meter Reading and Billing – Weighted Cost	C05	Cust05	1 000000	0 906502	0 005938	0 064097	0 011138
Load Management	C06	Cust06	1 000000	0 672669	0 004406	0 047563	0 008265
Other Allocation Factors							
Rev	R01		46,516,839	34,898,753	39,291	3,717,133	480,513
Energy	E01		429,562,281	325,430,949	717,137	30,081,135	4,019,829
Loss Factor			0 050	0 050	0 050	0 025	0 025
Energy Including Losses	Energy		446,882,819	342,556,894	754,881	30,852,445	4,122,602
Customers (Monthly Bills)			439,492	294,960	1,932	20,856	3,624
Average Customers (Bills/12)	Cust01		36,541	24,580	161	1,738	302
Average Customers (Lighting = Lights)	Cust02		36,541	24,580	161	1,738	302
Average Customers (Lighting =45 Lights per Cust)	Cust03		27,115	24,580	161	1,738	302
Lighting	Cust04		5,606,892	-	-	-	-
Average Customers	Cust05		27,115	24,580	161	1,738	302
Load Management	Cust06		36,541	24,580	161	1,738	302
Winter CP Demands	WCP		884,080	714,854	1,465	60,206	7,581
Summer CP Demands	SCP		238,146	181,226	18	22,311	2,781
12 Month Sum of Coincident Demands	12CP		1,122,226	896,080	1,483	82,519	10,342
Class Maximum Demands	NCP		148,495	120,845	493	10,883	1,555
Sum of the Individual Customer Demands	SICD		2,919,465	2,478,703	5,434	179,369	23,982

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500+kW P	Lighting S.T.O
Allocation Factors						
Energy Allocation Factors						
Energy Usage by Class	E01	Energy	0.087806	0.023387	0.032924	0.013148
Demand Allocation Factors						
Purchase Power – Average 12 CP	D01	12CP	0.071204	0.011578	0.027895	0.006770
Station Equipment -- Maximum Class Demand	D02	NCP	0.060327	0.009408	0.026082	0.009318
Primary Distribution Plant -- Maximum Class Demand	D03	NCP	0.060327	0.009408	0.026082	0.009318
Services	SERV		0.009899	0.000000	0.000618	-
Misc Service Revenue	MISC SERV		0.009899	0.000000	0.000618	-
Residential & Commercial Rev	RCRev		3,924,853	887,522	-	-
Customer Allocation Factors						
Primary Distribution Plant – Average Number of Customers	C01	Cust03	0.004057	0.000037	0.000332	0.007900
Customer Services – Average Number of Customers	C02	Cust02	0.003010	0.000027	0.000246	0.263813
Meter Costs – Weighted Cost of Meters	C03		0.010967	0.000119	0.001068	-
Lighting Systems – Lighting Customers	C04	Cust04	-	-	-	1.000000
Meter Reading and Billing – Weighted Cost	C05	Cust05	0.004057	0.000037	0.000332	0.007900
Load Management	C06	Cust06	0.003010	0.000027	0.000246	0.263813
Other Allocation Factors						
Rev	R01		3,924,853	887,522	1,381,128	1,187,646
Energy	E01		38,429,279	10,498,090	14,778,980	5,806,882
Loss Factor			0.025	-	-	0.050
Energy Including Losses	Energy		38,414,645	10,498,090	14,778,980	5,901,981
Customers (Monthly Bills)			1,320	12	108	115,680
Average Customers (Bills/12)	Cust01		110	1	9	9,640
Average Customers (Lighting = Lights)	Cust02		110	1	9	8,640
Average Customers (Lighting =45 Lights per Cust)	Cust03		110	1	9	214
Lighting	Cust04		-	-	-	5,606,882
Average Customers	Cust05		110	1	9	214
Load Management	Cust06		110	1	9	9,640
Winter CP Demands	WCP		59,614	9,836	22,924	7,597
Summer CP Demands	SCP		20,293	3,158	8,380	-
12 Month Sum of Coincident Demands	12CP		79,906	12,993	31,304	7,597
Class Maximum Demands	NCP		8,019	1,406	3,901	1,393
Sum of the Individual Customer Demands	SICD		140,887	19,826	55,889	16,375

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TDU D	General Power Service < 50kW C	Public Facilities E
Allocation Factors (continued)							
Transmission Residual Demand Allocator	TRDA		1,122,226	896,080	1,483	82,519	10,342
Transmission Plant In Service			\$ -				
Customer Specific Assignment							
Transmission Residual		TRDA	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Total	TA1	TA1	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Plant Allocator	T01	TA1	-	-	-	-	-
Transmission Residual Demand Allocator	TOMDA		1,122,226	896,080	1,483	82,519	10,342
Transmission Plant In Service			\$ -				
Customer Specific Assignment			\$ -				
Transmission Residual		TOMDA	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Total	TOMA	TOMA	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission O&M Allocator	T02	TOMA	-	-	-	-	-
Distribution Residual Demand Allocator	DDA		2,919,465	2,478,703	5,434	179,389	23,982
Distribution Plant In Service			\$ 40,428,164				
Customer Specific Assignment							
Distribution Residual		DOMDA	\$ 40,428,164	\$ 34,324,579.5	\$ 75,245	\$ 2,484,146	\$ 332,097
Distribution Total	DT1	DT1	\$ 40,428,164	\$ 34,324,579.5	\$ 75,245	\$ 2,484,146	\$ 332,097
Distribution Plant Allocator	DA1	DT1	1.000000	0.84903	0.00186	0.06145	0.00821
Distribution Residual Demand Allocator	DOMDA		2,919,465	2,478,702.91	5,434	179,389	23,982
Distribution Plant In Service			\$ 40,428,164				
Customer Specific Assignment							
Distribution Residual		DOMDA	\$ 40,428,164	\$ 34,324,579.5	\$ 75,245	\$ 2,484,146	\$ 332,097
Distribution Total	DOMA	DOMA	\$ 40,428,164	\$ 34,324,579.5	\$ 75,245	\$ 2,484,146	\$ 332,097
Distribution O&M Allocator	DOM	DOMA	1.000000	0.84903	0.00186	0.06145	0.00821
Substation Residual Demand Allocator	SDA		1,109,233	896,080	1,483	82,519	10,342
Substation Plant In Service			\$ 1,411,560				
Customer Specific Assignment							
Substation Residual		SDA	\$ 1,411,560	\$ 1,140,312	\$ 1,888	\$ 105,010	\$ 13,161
Substation Total	ST1	ST1	\$ 1,411,560	\$ 1,140,312	\$ 1,888	\$ 105,010	\$ 13,161
Substation Plant Allocator	SA1	ST1	1.000000	0.80784	0.00134	0.07439	0.00932
Substation Residual Demand Allocator	SOMDA		1,109,233	896,080	1,483	82,519	10,342
Substation Plant In Service			\$ 1,411,560				
Customer Specific Assignment							
Substation Residual		SOMDA	\$ 1,411,560	\$ 1,140,312	\$ 1,888	\$ 105,010	\$ 13,161
Substation Total	STOM	STOM	\$ 1,411,560	\$ 1,140,312	\$ 1,888	\$ 105,010	\$ 13,161
Substation O&M Allocator	SOMA	STOM	1.000000	0.80784	0.00134	0.07439	0.00932

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500+kW P	Lighting S.T.O
Allocation Factors (continued)						
Transmission Residual Demand Allocator	TRDA		79,906	12,983	31,304	7,597
Transmission Plant In Service						
Customer Specific Assignment						
Transmission Residual		TRDA	\$ -	\$ -	\$ -	\$ -
Transmission Total	TA1	TA1	\$ -	\$ -	\$ -	\$ -
Transmission Plant Allocator	T01	TA1	-	-	-	-
Transmission Residual Demand Allocator	TOMDA		79,906	12,983	31,304	7,597
Transmission Plant In Service						
Customer Specific Assignment						
Transmission Residual		TOMDA	\$ -	\$ -	\$ -	\$ -
Transmission Total	TOMA	TOMA	\$ -	\$ -	\$ -	\$ -
Transmission O&M Allocator	T02	TOMA	-	-	-	-
Distribution Residual Demand Allocator	DDA		140,887	19,826	55,869	15,375
Distribution Plant In Service						
Customer Specific Assignment						
Distribution Residual		DOMDA	\$ 1,950,973	\$ 274,553	\$ 773,664	\$ 212,907
Distribution Total	DT1	DT1	\$ 1,950,973	\$ 274,553	\$ 773,664	\$ 212,907
Distribution Plant Allocator	DA1	DT1	0.04826	0.00679	0.01914	0.00527
Distribution Residual Demand Allocator	DOMDA		140,887	19,826	55,869	15,375
Distribution Plant In Service						
Customer Specific Assignment						
Distribution Residual		DOMDA	\$ 1,950,973	\$ 274,553	\$ 773,664	\$ 212,907
Distribution Total	DOMA	DOMA	\$ 1,950,973	\$ 274,553	\$ 773,664	\$ 212,907
Distribution O&M Allocator	DOM	DOMA	0.04826	0.00679	0.01914	0.00527
Substation Residual Demand Allocator	SDA		79,906	-	31,304	7,597
Substation Plant In Service						
Customer Specific Assignment						
Substation Residual		SDA	\$ 101,685	\$ -	\$ 39,836	\$ 9,668
Substation Total	ST1	ST1	\$ 101,685	\$ -	\$ 39,836	\$ 9,668
Substation Plant Allocator	SA1	ST1	0.07204	-	0.02822	0.00885
Substation Residual Demand Allocator	SOMDA		79,906	-	31,304	7,597
Substation Plant In Service						
Customer Specific Assignment						
Substation Residual		SOMDA	\$ 101,685	\$ -	\$ 39,836	\$ 9,668
Substation Total	STOM	STOM	\$ 101,685	\$ -	\$ 39,836	\$ 9,668
Substation O&M Allocator	SOMA	STOM	0.07204	-	0.02822	0.00885

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TQUD	General Power Service < 50kW C	Public Facilities E
Allocation Factors (continued)							
Customer Services Demand	CSD		2,919,485	2,478,703	5,434	179,389	23,962
Customer Services Allocator	CSA	CSD	1.000000	0.84903	0.00186	0.06145	0.00821
Purchased Power Residual Demand Allocator	PPDRA		1,122,226	896,080	1,483	82,519	10,342
Purchased Power Demand Costs			\$ 10,403,369	\$ -	\$ -	\$ -	\$ -
Customer Specific Assignment			\$ -	\$ -	\$ -	\$ -	\$ -
Purchased Power Demand Residual	PPDRA	PPDRA	\$ 10,403,369.102	\$ 8,306,929	\$ 13,752	\$ 764,976	\$ 95,875
Purchased Power Demand Total	PPDT	PPDT	\$ 10,403,369	\$ 8,306,929	\$ 13,752	\$ 764,976	\$ 95,875
Purchased Power Demand Allocator	PPDA	PPDT	1.000000	0.79848	0.00132	0.07353	0.00922
Purchased Power Residual Energy Allocator	PPERA		\$ 429,562,281	\$ 325,430,949	\$ 717,137	\$ 30,081,135	\$ 4,019,829
Purchased Power Energy Costs			\$ 20,703,282	\$ -	\$ -	\$ -	\$ -
Customer Specific Assignment			\$ -	\$ -	\$ -	\$ -	\$ -
Purchased Power Energy Residual	PPERA	PPERA	\$ 20,703,282	\$ 15,694,544	\$ 34,563	\$ 1,449,797	\$ 193,741
Purchased Power Energy Total	PPET	PPERA	\$ 20,703,282	\$ 15,694,544	\$ 34,563	\$ 1,449,797	\$ 193,741
Purchased Power Energy Allocator	PPEA	PPET	1.000000	0.75759	0.00167	0.07003	0.00936

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500+kW P	Lighting S,T,O
Allocation Factors (continued)						
Customer Services Demand	CSD		140,887	19,826	55,969	15,375
Customer Services Allocator	CSA	CSD	0.04826	0.00679	0.01914	0.00527
Purchased Power Residual Demand Allocator	PPDRA		79,906	12,993	31,304	7,597
Purchased Power Demand Costs						
Customer Specific Assignment		PPDRA	\$ -	\$ -	\$ -	\$ -
Purchased Power Demand Residual			\$ 740,756	\$ 120,453	\$ 290,199	\$ 70,429
Purchased Power Demand Total	PPDT		\$ 740,756	\$ 120,453	\$ 290,199	\$ 70,429
Purchased Power Demand Allocator	PPDA	PPDT	0.07120	0.01158	0.02789	0.00677
Purchased Power Residual Energy Allocator	PPERA		38,429,279	10,498,090	14,778,980	5,606,882
Purchased Power Energy Costs						
Customer Specific Assignment		PPERA	\$ -	\$ -	\$ -	\$ -
Purchased Power Energy Residual			\$ 1,852,146	\$ 505,968	\$ 712,291	\$ 270,231
Purchased Power Energy Total	PPET		\$ 1,852,146	\$ 505,968	\$ 712,291	\$ 270,231
Purchased Power Energy Allocator	PPEA	PPET	0.08946	0.02444	0.03440	0.01305

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation
12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 50kW C	Public Facilities E
Operating Expenses							
Purchased Power Demand			\$ 10,403,369	\$ 8,306,929	\$ 13,752	\$ 764,976	\$ 95,875
Purchased Power Energy			\$ 20,703,282	\$ 15,884,544	\$ 34,563	\$ 1,449,797	\$ 193,741
Transmission Demand			\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Demand			\$ 4,204,380	\$ 3,565,525	\$ 7,773	\$ 269,526	\$ 34,847
Distribution Customer			\$ 9,800,129	\$ 8,822,667	\$ 56,479	\$ 683,008	\$ 107,861
Total			\$ 45,111,139	\$ 36,179,685	\$ 112,567	\$ 3,137,407	\$ 432,124
Pro-Forma Operating Expenses							
Purchased Power Demand			\$ 7,626,730	\$ 6,089,826	\$ 10,081	\$ 560,805	\$ 70,286
Purchased Power Energy			\$ 21,131,124	\$ 16,004,989	\$ 35,108	\$ 1,483,061	\$ 194,181
Transmission Demand			\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Demand			\$ 4,020,427	\$ 3,405,868	\$ 6,914	\$ 247,395	\$ 32,769
Distribution Customer			\$ 9,676,887	\$ 8,513,943	\$ 55,868	\$ 654,839	\$ 106,577
Total			\$ 42,455,169	\$ 34,014,627	\$ 107,971	\$ 2,946,101	\$ 403,813
Rate Base		Total PFAs:	\$ (2,655,971)				
		Variance:	\$ -				
Production & Purchased Power Demand			\$ -	\$ -	\$ -	\$ -	\$ -
Production & Purchased Power Energy			\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Demand			\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Demand			\$ 61,727,019	\$ 52,322,315	\$ 113,798	\$ 3,619,767	\$ 509,360
Distribution Customer			\$ 121,161,263	\$ 103,244,574	\$ 676,258	\$ 8,386,606	\$ 1,311,002
Total			\$ 182,888,282	\$ 155,566,888	\$ 790,054	\$ 12,206,373	\$ 1,820,362
Revenue Requirement Calculated at a Rate of Return of 1.75%							
Production & Purchased Power Demand			\$ 7,626,730	\$ 6,089,826	\$ 10,081	\$ 560,805	\$ 70,286
Production & Purchased Power Energy			\$ 21,131,124	\$ 16,004,989	\$ 35,108	\$ 1,483,061	\$ 194,181
Transmission Demand			\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Demand			\$ 5,104,984	\$ 4,325,183	\$ 8,914	\$ 314,510	\$ 41,718
Distribution Customer			\$ 11,805,717	\$ 10,327,973	\$ 67,790	\$ 802,193	\$ 129,612
Total			\$ 45,668,556	\$ 36,747,971	\$ 121,853	\$ 3,160,570	\$ 435,797
Target			\$ 45,668,556				
Variance			\$ -				

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500+kW P	Lighting S,T,O
Operating Expenses						
Purchased Power Demand			\$ 740,756	\$ 120,453	\$ 280,199	\$ 70,429
Purchased Power Energy			\$ 1,852,146	\$ 505,966	\$ 712,291	\$ 270,231
Transmission Demand			\$ -	\$ -	\$ -	\$ -
Distribution Demand			\$ 205,253	\$ 27,878	\$ 81,359	\$ 22,299
Distribution Customer			\$ 48,780	\$ 458	\$ 3,960	\$ 296,896
Total			\$ 2,846,936	\$ 654,756	\$ 1,087,609	\$ 659,854
Pro-Forma Operating Expenses						
Purchased Power Demand			\$ 543,050	\$ 88,304	\$ 212,745	\$ 51,631
Purchased Power Energy			\$ 1,902,786	\$ 513,547	\$ 722,960	\$ 274,491
Transmission Demand			\$ -	\$ -	\$ -	\$ -
Distribution Demand			\$ 202,068	\$ 27,540	\$ 80,322	\$ 17,550
Distribution Customer			\$ 46,927	\$ 272	\$ 3,387	\$ 295,074
Total			\$ 2,694,831	\$ 629,663	\$ 1,019,415	\$ 638,747
Rate Base		Total PFAs:				
		Variance:				
Production & Purchased Power Demand			\$ -	\$ -	\$ -	\$ -
Production & Purchased Power Energy			\$ -	\$ -	\$ -	\$ -
Transmission Demand			\$ -	\$ -	\$ -	\$ -
Distribution Demand			\$ 3,028,203	\$ 405,090	\$ 1,200,125	\$ 328,361
Distribution Customer			\$ 645,446	\$ 8,065	\$ 51,079	\$ 6,840,235
Total			\$ 3,673,648	\$ 411,156	\$ 1,251,204	\$ 7,168,596
Revenue Requirement Calculated at a Rate of Return of						
		1.76%				
Production & Purchased Power Demand			\$ 543,050	\$ 88,304	\$ 212,745	\$ 51,631
Production & Purchased Power Energy			\$ 1,902,786	\$ 513,547	\$ 722,960	\$ 274,491
Transmission Demand			\$ -	\$ -	\$ -	\$ -
Distribution Demand			\$ 255,274	\$ 34,657	\$ 101,409	\$ 23,320
Distribution Customer			\$ 58,266	\$ 376	\$ 4,285	\$ 415,259
Total			\$ 2,759,376	\$ 636,887	\$ 1,041,399	\$ 764,701
Target Variance						

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 50kW C	Public Facilities E
Operating Expenses-Unit Costs							
Production & Purchased Power Demand (per KWH or KW)				0.01871	0.01408	0.01884	2.93
Purchased Power Energy (per KWH)				0.04918	0.04898	0.04930	0.04831
Transmission Demand (per KWH or KW)				-	-	-	-
Distribution Demand (per KWH or KW)				0.01047	0.00964	0.00922	1.37
Distribution Customer (per Customer)				28.86	28.92	31.40	29.41
Rate Base-Unit Costs							
Production & Purchased Power Demand (per KWH or KW)				-	-	-	-
Purchased Power Energy (per KWH)				-	-	-	-
Transmission Demand (per KWH or KW)				-	-	-	-
Distribution Demand (per KWH or KW)				0.16078	0.15988	0.12698	21.24
Distribution Customer (per Customer)				350.03	350.03	402.12	361.78

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500+KW P	Lighting S,T,O
Operating Expenses-Unit Costs						
Production & Purchased Power Demand (per KWH or KW)			3.85	4.45	3.81	0.00621
Purchased Power Energy (per KWH)			0.04951	0.04862	0.04862	0.04856
Transmission Demand (per KWH or KW)			-	-	-	-
Distribution Demand (per KWH or KW)			1.43	1.39	1.44	0.00313
Distribution Customer (per Customer)			35.55	22.64	31.37	2.55
Rate Base-Unit Costs						
Production & Purchased Power Demand (per KWH or KW)			-	-	-	-
Purchased Power Energy (per KWH)			-	-	-	-
Transmission Demand (per KWH or KW)			-	-	-	-
Distribution Demand (per KWH or KW)			21.49	20.43	21.49	0.05855
Distribution Customer (per Customer)			488.97	505.45	472.95	59.13

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Rasid TOU D	General Power Service < 50kW C	Public Facilities E
Unit Revenue Requirement @ Current Class Revenues	Various			-0.32%	-8.23%	5.63%	3.23%
Production & Purchased Power							
Production & Purchased Power Demand (Per KWH or KW)				0.018713	0.014058	0.018643	2.93
Production & Purchased Power Demand Margin (Per KWH or KW)				-	-	-	-
Production & Purchased Power Energy (Per KWH)				0.049181	0.048958	0.049302	0.048306
Production & Purchased Power Energy Margin (Per KWH)				-	-	-	-
Transmission Demand							
Transmission Demand (Per KWH or KW)				-	-	-	-
Transmission Demand Margin (Per KWH or KW)				-	-	-	-
Total Transmission Demand (Per KWH or KW)				-	-	-	-
Distribution Demand							
Distribution Demand (Per KWH or KW)				0.010486	0.009641	0.008224	1.37
Distribution Demand Margin (Per KWH or KW)				(0.000517)	(0.013062)	0.007152	0.00
Total Distribution Demand (Per KWH or KW)				0.009969	(0.003421)	0.015376	1.37
Distribution Customer							
Distribution Customer (Per Customer Per Month)				28.86	28.92	31.40	29.41
Distribution Customer Margin (Per Customer Per Month)				(1.12)	(28.81)	22.85	11.70
Total Distribution Customer (Per Customer Per Month)				27.74	0.10	54.05	41.11

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500-kW P	Lighting S,T,O
Unit Revenue Requirement @ Current Class Revenues						
	Various		28.97%	56.47%	22.16%	7.54%
Production & Purchased Power						
Production & Purchased Power Demand (Per KWH or KW)			3.85	4.45	3.81	0.009209
Production & Purchased Power Demand Margin (Per KWH or KW)			-	-	-	-
Production & Purchased Power Energy (Per KWH)			0.048914	0.048918	0.048918	0.048956
Production & Purchased Power Energy Margin (Per KWH)			-	-	-	-
Transmission Demand						
Transmission Demand (Per KWH or KW)			-	-	-	-
Transmission Demand Margin (Per KWH or KW)			-	-	-	-
Total Transmission Demand (Per KWH or KW)			-	-	-	-
Distribution Demand						
Distribution Demand (Per KWH or KW)			1.43	1.39	1.44	0.003130
Distribution Demand Margin (Per KWH or KW)			0.02	0.02	0.02	0.004417
Total Distribution Demand (Per KWH or KW)			1.45	1.41	1.46	0.007547
Distribution Customer						
Distribution Customer (Per Customer Per Month)			35.55	22.64	31.37	2.55
Distribution Customer Margin (Per Customer Per Month)			141.83	285.42	104.83	4.46
Total Distribution Customer (Per Customer Per Month)			177.18	308.06	136.19	7.01

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 50kW C	Public Facilities E
Unit Revenue Requirement @ Total System Rate of Return	1.26%			1.26%	1.26%	1.26%	1.26%
Production & Purchased Power							
Production & Purchased Power Demand (Per KWH or KW)				0.018713	0.014058	0.018643	2.93
Production & Purchased Power Demand Margin (Per KWH or KW)				-	-	-	-
Production & Purchased Power Energy (Per KWH)				0.049131	0.048956	0.049302	0.048306
Production & Purchased Power Energy Margin (Per KWH)				-	-	-	-
Transmission Demand							
Transmission Demand (Per KWH or KW)				-	-	-	-
Transmission Demand Margin (Per KWH or KW)				-	-	-	-
Total Transmission Demand (Per KWH or KW)				-	-	-	-
Distribution Demand							
Distribution Demand (Per KWH or KW)				0.010466	0.009641	0.008224	1.37
Distribution Demand Margin (Per KWH or KW)				0.002018	0.001992	0.001594	0.27
Total Distribution Demand (Per KWH or KW)				0.012484	0.011633	0.009818	1.63
Distribution Customer							
Distribution Customer (Per Customer Per Month)				28.86	28.92	31.40	29.41
Distribution Customer Margin (Per Customer Per Month)				4.38	4.39	5.05	4.54
Total Distribution Customer (Per Customer Per Month)				33.26	33.31	36.45	33.95

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Factor	General Power Service 50-500kW L	General Power Service 1000- 5000kW M	General Power Service 500+kW P	Lighting S.T.O
Unit Revenue Requirement @ Total System Rate of Return		1.26%	1.26%	1.26%	1.26%	1.26%
Production & Purchased Power						
Production & Purchased Power Demand (Per KWH or KW)			3.85	4.45	3.81	0.009209
Production & Purchased Power Demand Margin (Per KWH or KW)			-	-	-	-
Production & Purchased Power Energy (Per KWH)			0.049514	0.048918	0.048918	0.048956
Production & Purchased Power Energy Margin (Per KWH)			-	-	-	-
Transmission Demand						
Transmission Demand (Per KWH or KW)			-	-	-	-
Transmission Demand Margin (Per KWH or KW)			-	-	-	-
Total Transmission Demand (Per KWH or KW)			-	-	-	-
Distribution Demand						
Distribution Demand (Per KWH or KW)			1.43	1.39	1.44	0.003130
Distribution Demand Margin (Per KWH or KW)			0.27	0.26	0.27	0.000735
Total Distribution Demand (Per KWH or KW)			1.70	1.65	1.71	0.003865
Distribution Customer						
Distribution Customer (Per Customer Per Month)			35.55	22.64	31.37	2.55
Distribution Customer Margin (Per Customer Per Month)			6.14	6.34	5.94	0.74
Total Distribution Customer (Per Customer Per Month)			41.69	28.98	37.30	3.29

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 50kW C	Public Facilities E
Unit Revenue Requirement @ Specified Rate of Return	1.76%			1.76%	1.76%	1.76%	1.76%
Production & Purchased Power							
Production & Purchased Power Demand (Per KWH or KW)				0.018713	0.014058	0.018643	2.93
Production & Purchased Power Demand Margin (Per KWH or KW)				-	-	-	-
Production & Purchased Power Energy (Per KWH)				0.049131	0.048956	0.049302	0.048306
Production & Purchased Power Energy Margin (Per KWH)				-	-	-	-
Transmission Demand							
Transmission Demand (Per KWH or KW)				-	-	-	-
Transmission Demand Margin (Per KWH or KW)				-	-	-	-
Total Transmission Demand (Per KWH or KW)				-	-	-	-
Distribution Demand							
Distribution Demand (Per KWH or KW)				0.010468	0.009541	0.008224	1.37
Distribution Demand Margin (Per KWH or KW)				0.002825	0.002788	0.002231	0.37
Total Distribution Demand (Per KWH or KW)				0.013291	0.012429	0.010455	1.74
Distribution Customer							
Distribution Customer (Per Customer Per Month)				28.86	28.92	31.40	29.41
Distribution Customer Margin (Per Customer Per Month)				6.15	6.15	7.07	6.36
Total Distribution Customer (Per Customer Per Month)				35.01	35.07	38.46	35.76

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500+kW P	Lighting S,T,O
Unit Revenue Requirement @ Specified Rate of Return	1.76%		1.76%	1.76%	1.76%	1.76%
Production & Purchased Power						
Production & Purchased Power Demand (Per KWH or KW)			3.85	4.45	3.81	0.009209
Production & Purchased Power Demand Margin (Per KWH or KW)			-	-	-	-
Production & Purchased Power Energy (Per KWH)			0.049514	0.048918	0.048918	0.048956
Production & Purchased Power Energy Margin (Per KWH)			-	-	-	-
Transmission Demand						
Transmission Demand (Per KWH or KW)			-	-	-	-
Transmission Demand Margin (Per KWH or KW)			-	-	-	-
Total Transmission Demand (Per KWH or KW)			-	-	-	-
Distribution Demand						
Distribution Demand (Per KWH or KW)			1.43	1.39	1.44	0.003130
Distribution Demand Margin (Per KWH or KW)			0.38	0.36	0.38	0.001029
Total Distribution Demand (Per KWH or KW)			1.81	1.75	1.82	0.004159
Distribution Customer						
Distribution Customer (Per Customer Per Month)			35.55	22.64	31.37	2.55
Distribution Customer Margin (Per Customer Per Month)			8.59	8.88	8.31	1.04
Total Distribution Customer (Per Customer Per Month)			44.14	31.52	39.67	3.59

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	Total System	Residential R	Resid TOU D	General Power Service < 50kW C	Public Facilities E
<u>Summary of Cost-Based Charges</u>							
At Current Class Rate of Return			1.57%	-0.02%	-8.23%	6.08%	3.69%
Customer Charge (\$/month)				27.74	0.10	54.05	41.11
Energy Charge (\$/kWh)				0.077843	0.059593	0.083321	0.048306
Demand Charge (\$/kW)				-	-	-	4.30
At Current Total System Rate of Return			1.26%	1.26%	1.26%	1.26%	1.26%
Customer Charge (\$/month)				33.26	33.31	36.45	33.95
Energy Charge (\$/kWh)				0.060378	0.074547	0.077763	0.048306
Demand Charge (\$/kW)				-	-	-	4.56
At Specified Total System Rate of Return			1.76%	1.76%	1.76%	1.76%	1.76%
Customer Charge (\$/month)				35.01	35.07	38.46	35.76
Energy Charge (\$/kWh)				0.081185	0.075443	0.078401	0.048306
Demand Charge (\$/kW)				-	-	-	4.67

CLARK ENERGY COOPERATIVE
Cost of Service Study
Class Allocation

12 Months Ended December 31, 2019

Description	Name	Allocation Vector	General Power Service 50-500kW L	General Power Service 1000-5000kW M	General Power Service 500-kW P	Lighting S.T.O
Summary of Cost-Based Charges						
At Current Class Rate of Return			29.74%	56.64%	23.52%	7.38%
Customer Charge (\$/month)			177.18	308.06	136.19	7.01
Energy Charge (\$/kWh)			0.049514	0.048918	0.048918	0.065712
Demand Charge (\$/kW)			5.31	5.86	5.26	-
At Current Total System Rate of Return			1.26%	1.26%	1.26%	1.26%
Customer Charge (\$/month)			41.69	28.98	37.30	3.29
Energy Charge (\$/kWh)			0.049514	0.048918	0.048918	0.062030
Demand Charge (\$/kW)			5.56	6.10	5.52	-
At Specified Total System Rate of Return			1.76%	1.76%	1.76%	1.76%
Customer Charge (\$/month)			44.14	31.52	39.57	3.59
Energy Charge (\$/kWh)			0.049514	0.048918	0.048918	0.062324
Demand Charge (\$/kW)			5.67	6.20	5.62	-

Case No. 2020-00104
Application Exhibit 9

Direct Testimony of
John Wolfram
Exhibit JW-6

CLARK ENERGY COOPERATIVE
 Summary of Billing Determinants and Demand Analysis

Rate Class	Code	Average Customers	kWh	Revenue	12 - Month Individual Customer Demand	Sum of Individual Customer Max Demand	Class Demand During Peak Month	Sum of Coincident Demands	Summer Coincident Demands	Winter Coincident Demands
Residential	R	24,580	325,430,949	\$ 34,898,753	2,478,703	315,854	120,845	896,080	181,226	714,854
Resid TOU	D	161	717,137	\$ 39,291	5,434	1,288	493	1,463	18	1,465
General Power Service < 50kW	C	1,738	30,081,135	\$ 3,717,133	179,389	18,927	10,883	82,519	22,311	60,208
Public Facilities	E	302	4,018,829	\$ 480,513	23,982	2,704	1,555	10,342	2,761	7,581
General Power Service 50-500kW	L	110	38,428,279	\$ 3,924,853	140,887	12,744	9,019	79,906	20,293	59,614
General Power Service 1000-5000kW	M	1	10,488,090	\$ 887,522	19,826	1,685	1,406	12,993	3,158	9,836
General Power Service 500+kW	P	9	14,778,880	\$ 1,381,128	55,869	5,601	3,901	31,304	8,380	22,924
Lighting	S.T.O	9,640	5,606,882	\$ 1,187,646	15,375	1,393	1,393	7,597	-	7,597
Total		36,541	429,562,281	\$ 46,516,839	2,919,465	359,956	149,495	1,122,226	238,146	884,080
Total Excluding Lighting		26,901	-	-	-	-	-	-	-	-
		26,841	429,562,281	\$ 46,517,807	< Reported					
		50	-	(968)	< Variance					
		0.22%	0.00%	0.00%	< Variance					

CLARK ENERGY COOPERATIVE

Summary of Billing Determinants and Demand Analysis

Rate Class	Code	Rate Class	Average Customers	kWh	Revenue	% KWH	% Revenue
Residential	R	Residential	24,580	325,430,949	\$ 34,898,753	75.76%	75.02%
Resid TOU	D	Resid TOU	161	717,137	\$ 39,291	0.17%	0.08%
General Power Service < 50kW	C	General Power Servi	1,738	30,061,135	\$ 3,717,133	7.00%	7.99%
Public Facilities	E	Public Facilities	302	4,019,829	\$ 480,513	0.94%	1.03%
General Power Service 50-500kW	L	General Power Servi	110	38,429,279	\$ 3,924,853	8.95%	8.44%
General Power Service 1000-5000kW	M	General Power Servi	1	10,498,090	\$ 887,522	2.44%	1.91%
General Power Service 500+kW	P	General Power Servi	9	14,778,980	\$ 1,381,128	3.44%	2.97%
Lighting	S.T.O	Lighting	9,640	5,606,882	\$ 1,187,846	1.31%	2.55%
Total		Total	36,541	429,562,281	\$ 46,516,839	100.00%	100.00%
Total Excluding Lighting			26,901				

CLARK ENERGY COOPERATIVE
Summary of Billing Determinants and Demand Analysis

Rate Schedule	Code	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Residential	R	24,475	24,488	24,498	24,540	24,559	24,528	24,579	24,643	24,666
Energy Usage (kWh)		34,101,035	40,908,707	31,613,495	24,359,399	17,947,440	21,475,259	24,753,800	28,078,448	26,386,255
Average Demand		45,835	56,818	42,491	33,632	24,123	28,864.60	36,836.01	37,740	36,648
Diversified Load Factor		48.48%	47.02%	48.31%	31.73%	33.35%	48.89%	53.37%	51.48%	49.63%
Non-Coincident Demand		94,540	120,845	87,964	106,637	72,341	50,040	69,018	73,304	73,840
Coincidence Factor		90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%
Coincident Demand		85,086	108,761	79,167	95,973	65,107	53,136	62,117	65,973	66,456
Individual Customer Load Factor		18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%
Sum of Individual Customer Demands		254,637	315,654	236,063	187,958	134,016	160,359	204,845	209,666	203,598
Resid TOU	D	161	161	161	161	161	161	161	161	161
Energy Usage (kWh)		131,018	166,930	125,614	91,094	36,903	7,819	1,607	742	491
Average Demand		176	232	169	127	50	10.51	2.39	1	1
Diversified Load Factor		48.48%	47.02%	48.31%	31.73%	33.35%	48.89%	53.37%	51.48%	49.63%
Non-Coincident Demand		363	493	350	399	149	21	4	2	1
Coincidence Factor		65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%
Coincident Demand		236	321	227	259	97	14	3	1	1
Individual Customer Load Factor		18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%
Sum of Individual Customer Demands		978	1,288	938	703	276	58	13	6	4
General Power Service < 50kW	C	1,709	1,718	1,719	1,731	1,752	1,766	1,745	1,735	1,734
Energy Usage (kWh)		2,414,046	2,799,969	2,300,365	2,181,571	2,094,554	2,424,277	2,518,017	3,087,535	3,134,311
Average Demand		3,245	3,889	3,062	3,030	2,815	3,258.44	3,747.05	4,150	4,353
Diversified Load Factor		40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
Non-Coincident Demand		8,112	9,722	7,730	7,575	7,038	8,146	9,368	10,375	10,883
Coincidence Factor		80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
Coincident Demand		6,489	7,778	6,184	6,060	5,631	6,517	7,494	8,300	8,706
Individual Customer Load Factor		23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%
Sum of Individual Customer Demands		14,107	16,908	13,443	13,174	12,240	14,167	16,292	18,043	18,927

CLARK ENERGY COOPERATIVE

Summary of Billing Determinants and Demand Analysis

Rate Schedule	Code	Oct	Nov	Dec	Total	SIC Max Demand	Class Demand During Peak Month	Sum of Coin Demand	Summer Coin Demand	Winter Coin Demand
Residential	R									
Energy Usage (kWh)		24,611	24,703	24,667	24,580					
Average Demand		22,399,741	24,288,209	29,119,161	325,430,948					
Diversified Load Factor		30,107	33,734	39,139	37,150					
Non-Coincident Demand		43.39%	49.33%	39.01%						
Coincidence Factor		69,392	68,390	100,333	995,645		120,845			
Coincident Demand		90.00%	90.00%	90.00%						
Individual Customer Load Factor		62,453	61,551	90,300	896,080			896,080	181,226	714,854
Sum of Individual Customer Demands		167,262	187,408	217,437	2,478,703	315,654				
Resid TOU	D									
Energy Usage (kWh)		161	161	161	161					
Average Demand		3,282	52,666	98,971	717,137					
Diversified Load Factor		4	73	133	82					
Non-Coincident Demand		43.39%	49.33%	39.01%						
Coincidence Factor		10	148	341	2,282		493			
Coincident Demand		65.00%	65.00%	65.00%						
Individual Customer Load Factor		7	96	222	1,483			1,483	18	1,465
Sum of Individual Customer Demands		18.00%	18.00%	18.00%						
		25	406	739	5,434	1,288				
General Power Service < 50kW	C									
Energy Usage (kWh)		1,750	1,758	1,748	1,738					
Average Demand		2,655,486	2,268,995	2,202,029	30,081,135					
Diversified Load Factor		3,569	3,151	2,980	3,434					
Non-Coincident Demand		40.00%	40.00%	40.00%						
Coincidence Factor		8,923	7,878	7,399	103,149		10,883			
Coincident Demand		80.00%	80.00%	80.00%						
Individual Customer Load Factor		7,138	6,303	5,919	82,519			82,519	22,311	60,208
Sum of Individual Customer Demands		23.00%	23.00%	23.00%						
		15,518	13,702	12,868	179,389	18,927				

CLARK ENERGY COOPERATIVE
Summary of Billing Determinants and Demand Analysis

Rate Schedule	Code	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Public Facilities	E	299	286	300	302	301	308	300	303	304
Energy Usage (kWh)		382,840	447,851	343,678	277,676	209,043	281,819	352,222	423,942	361,407
Average Demand		515	622	482	366	281	379	524	570	530
Diversified Load Factor		40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
Non-Coincident Demand		1,286	1,555	1,155	964	702	947	1,310	1,425	1,324
Coincidence Factor		75.00%	75.00%	75.00%	75.00%	75.00%	75.00%	75.00%	75.00%	75.00%
Coincident Demand		965	1,166	866	723	527	710	983	1,068	893
Individual Customer Load Factor		23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%
Sum of Individual Customer Demands		2,237	2,704	2,008	1,677	1,222	1,647	2,279	2,477	2,303
General Power Service 50-500kW	L	108	108	108	108	110	110	110	111	111
Energy Usage (kWh)		3,172,982	3,374,745	2,816,079	3,025,098	2,841,876	3,201,022	3,212,548	3,578,014	3,614,141
Average Demand		4,265	4,536	3,785	4,066	3,820	4,302	4,318	4,809	4,858
Diversified Load Factor		52.85%	55.41%	51.53%	51.52%	46.90%	50.37%	53.08%	55.35%	53.86%
Non-Coincident Demand		8,069	8,188	7,346	7,891	8,145	8,542	8,135	8,689	9,019
Coincidence Factor		80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
Coincident Demand		6,455	6,549	5,877	6,313	6,516	6,833	6,508	6,951	7,215
Individual Customer Load Factor		37.85%	40.41%	36.53%	36.52%	31.80%	35.37%	38.08%	40.35%	38.86%
Sum of Individual Customer Demands		11,266	11,224	10,382	11,132	11,975	12,164	11,340	11,919	12,499
General Power Service 1000-5000kW	M	1	1	1	1	1	1	1	1	1
Energy Usage (kWh)		940,818	945,581	721,486	842,461	964,874	430,919	1,013,300	1,042,813	1,024,793
Average Demand		1,265	1,271	970	1,132	1,287	579	1,362	1,401	1,377
Diversified Load Factor		90.57%	93.24%	73.66%	83.50%	92.21%	49.91%	98.55%	99.77%	99.05%
Non-Coincident Demand		1,396	1,363	1,318	1,356	1,406	1,160	1,382	1,405	1,391
Coincidence Factor		80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
Coincident Demand		1,117	1,090	1,053	1,085	1,125	926	1,106	1,124	1,112
Individual Customer Load Factor		75.57%	78.24%	58.66%	68.50%	77.21%	34.91%	83.55%	84.77%	84.05%
Sum of Individual Customer Demands		1,673	1,624	1,653	1,653	1,680	1,659	1,630	1,653	1,639
General Power Service 500+ kW	P	9	9	9	9	9	9	9	9	9
Energy Usage (kWh)		1,102,420	1,083,920	967,540	1,174,440	1,201,060	1,208,800	1,163,300	1,389,680	1,476,440
Average Demand		1,481.75	1,456.88	1,300.46	1,578.55	1,614.33	1,624.73	1,563.68	1,867.85	1,984.46
Diversified Load Factor		53.59%	69.98%	59.89%	51.56%	47.30%	47.73%	46.42%	50.46%	51.86%
Non-Coincident Demand		2,765	2,082	2,171	3,062	3,413	3,404	3,369	3,702	3,826
Coincidence Factor		80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
Coincident Demand		2,212	1,668	1,737	2,449	2,731	2,723	2,695	2,962	3,061
Individual Customer Load Factor		38.59%	54.98%	44.89%	36.56%	32.30%	32.73%	31.42%	35.46%	36.86%
Sum of Individual Customer Demands		3,640	2,650	2,897	4,318	4,998	4,965	4,977	5,268	5,383
Lighting	S,T,O	9,533	9,418	9,443	9,516	9,530	9,749	9,680	9,696	9,851
Energy Usage (kWh)		477,737	475,684	473,780	473,031	470,359	489,251	468,063	466,212	464,821
Average Demand		642	680.67	637	657	632	630.71	686.52	627	646
Diversified Load Factor		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
Non-Coincident Demand		1,284	1,321	1,274	1,314	1,264	1,261	1,393	1,253	1,291
Coincidence Factor		100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Coincident Demand		1,284	1,321	1,274	-	-	-	-	-	-
Individual Customer Load Factor		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
Sum of Individual Customer Demands		1,284	1,321	1,274	1,314	1,264	1,261	1,393	1,253	1,291

CLARK ENERGY COOPERATIVE
 Summary of Billing Determinants and Demand Analysis

<u>Rate Schedule</u>	<u>Code</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Total</u>	<u>SIC</u> <u>Max Demand</u>	<u>Class Demand</u> <u>During</u> <u>Peak Month</u>	<u>Sum of</u> <u>Coin Demand</u>	<u>Summer</u> <u>Coin Demand</u>	<u>Winter</u> <u>Coin Demand</u>
Public Facilities	E	305	305	299	302					
Energy Usage (kWh)		312,258	279,631	327,462	4,019,829					
Average Demand		420	388	440	459					
Diversified Load Factor		40.00%	40.00%	40.00%						
Non-Coincident Demand		1,049	971	1,100	13,790		1,555			
Coincidence Factor		75.00%	75.00%	75.00%						
Coincident Demand		787	728	825	10,342			10,342	2,761	7,581
Individual Customer Load Factor		23.00%	23.00%	23.00%						
Sum of Individual Customer Demands		1,825	1,689	1,914	23,982	2,704				
General Power Service 50-500kW	L	113	112	111	110					
Energy Usage (kWh)		3,386,931	3,177,592	3,028,251	38,429,279					
Average Demand		4,552	4,271	4,070	4,287					
Diversified Load Factor		51.33%	48.51%	49.70%						
Non-Coincident Demand		8,870	8,803	8,189	99,883		9,019			
Coincidence Factor		80.00%	80.00%	80.00%						
Coincident Demand		7,096	7,043	6,551	79,906			79,906	20,293	59,614
Individual Customer Load Factor		36.33%	33.51%	34.70%						
Sum of Individual Customer Demands		12,532	12,744	11,728	140,887	12,744				
General Power Service 1000-5000kW	M	1	1	1	1					
Energy Usage (kWh)		981,027	920,359	669,859	10,498,090					
Average Demand		1,319	1,237	900	1,198					
Diversified Load Factor		96.18%	88.42%	69.46%						
Non-Coincident Demand		1,371	1,399	1,296	16,242		1,406			
Coincidence Factor		80.00%	80.00%	80.00%						
Coincident Demand		1,097	1,119	1,037	12,993			12,993	3,158	9,836
Individual Customer Load Factor		81.18%	73.42%	54.46%						
Sum of Individual Customer Demands		1,624	1,685	1,653	19,826	1,685				
General Power Service 500+kW	P	9	9	9	9					
Energy Usage (kWh)		1,298,540	1,452,200	1,260,640	14,778,980					
Average Demand		1,745.35	1,951.88	1,694.41	1,687					
Diversified Load Factor		46.16%	50.04%	46.37%						
Non-Coincident Demand		3,781	3,901	3,654	39,130		3,901			
Coincidence Factor		80.00%	80.00%	80.00%						
Coincident Demand		3,025	3,121	2,923	31,304			31,304	8,380	22,924
Individual Customer Load Factor		31.16%	35.04%	31.37%						
Sum of Individual Customer Demands		5,601	5,571	5,401	55,869	5,601				
Lighting	S,T,O	9,708	9,787	9,668	9,640					
Energy Usage (kWh)		459,315	458,105	450,424	5,806,882					
Average Demand		617	636	605	640					
Diversified Load Factor		50.00%	50.00%	50.00%						
Non-Coincident Demand		1,235	1,273	1,211	15,375		1,393			
Coincidence Factor		100.00%	100.00%	100.00%						
Coincident Demand		1,235	1,273	1,211	7,597			7,597	-	7,597
Individual Customer Load Factor		50.00%	50.00%	50.00%						
Sum of Individual Customer Demands		1,235	1,273	1,211	15,375	1,393				

CLARK ENERGY COOPERATIVE
 Summary of Billing Determinants and Demand Analysis

<u>Rate Schedule</u>	<u>Code</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>
Sales		42,722,896	50,203,387	39,362,037	32,424,770	25,766,109	29,499,166	33,482,857	38,067,186	36,482,759
Metered CP		103,845	128,651	96,385	112,863	81,733	70,882	80,905	86,379	87,545
Purchases		45,393,478	52,549,947	38,408,690	40,753,926	27,662,368	29,565,338	32,372,010	40,996,386	38,511,155
Calculated CP		103,845	128,651	96,385	112,863	81,733	70,882	80,905	86,379	87,545
Difference		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

CLARK ENERGY COOPERATIVE
 Summary of Billing Determinants and Demand Analysis

<u>Rate Schedule</u>	<u>Code</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Total</u>	<u>SIC</u> <u>Max Demand</u>	<u>Class Demand</u> <u>During</u> <u>Peak Month</u>	<u>Sum of</u> <u>Coin Demand</u>	<u>Summer</u> <u>Coin Demand</u>	<u>Winter</u> <u>Coin Demand</u>
Sales		31,496,560	32,897,757	37,156,797	429,582,281					
Metered CP		82,837	81,233	108,988	1,122,226					
Purchases		35,270,821	29,071,179	40,635,689	451,191,177	95%				
Calculated CP		82,837	81,233	108,988	1,122,226	100%				
Difference		(0)	(0)	(0)	(0)					

Case No. 2020-00104
Application Exhibit 9

Direct Testimony of
John Wolfram
Exhibit JW-7

CLARK ENERGY COOPERATIVE
Purchased Power

#	Item	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
1														
2	Billing Demand (kW)	103,845	128,651	96,385	112,863	81,733	70,862	80,905	86,379	87,545	82,837	81,233	108,988	1,122,226
3	Energy (kWh)	45,393,478	52,549,947	38,408,690	40,753,926	27,662,358	29,565,338	32,372,010	40,998,386	38,511,155	35,270,821	29,071,179	40,635,889	451,191,177
4	Demand Charge	625,147	774,481	580,236	679,434	492,034	426,589	487,048	520,001	527,022	498,679	489,022	656,110	6,755,803
5	Energy Charge	2,090,114	2,418,828	1,768,382	1,875,501	1,275,792	1,399,428	1,537,075	1,950,377	1,832,877	1,680,636	1,342,412	1,869,771	21,041,193
6	Metering Point	3,744	3,744	3,744	3,744	3,744	3,744	3,744	3,744	3,744	3,744	3,744	3,744	44,928
7	Sub/Wheeling Charge	68,870	68,870	68,870	69,425	69,425	69,425	69,425	69,425	69,425	69,425	69,425	69,425	831,435
8	Fuel Adjustment Clause	23,150	(243,304)	(102,166)	1179,467	(46,199)	(111,168)	(112,980)	(198,011)	(201,415)	(215,857)	(163,960)	(267,788)	(1,819,165)
9	Environmental Surcharge	473,094	443,718	281,996	296,290	273,348	281,972	375,830	438,741	405,270	315,474	280,941	410,302	4,274,976
10	SUBTOTAL	3,284,119	3,466,337	2,601,062	2,744,927	2,068,144	2,069,990	2,360,142	2,782,277	2,636,923	2,352,101	2,021,584	2,741,564	31,129,170
11	Direct Load Control	(1,681)	(1,681)	(1,681)	(1,681)	(1,681)	(1,684)	(1,682)	(1,682)	(1,682)	(1,682)	(1,882)	(1,682)	(20,181)
12	Direct Load Surcharge	(283)	(247)	(204)	(203)	(256)	(286)	(319)	(313)	(305)	(261)	(271)	(296)	(3,224)
13	Direct Load Total Charge	(1,964)	(1,928)	(1,885)	(1,884)	(1,937)	(1,950)	(2,001)	(1,995)	(1,987)	(1,943)	(1,953)	(1,978)	(23,405)
14	Green Power KWH	2,900	2,900	2,900	29,000	2,900	3,000	3,000	3,000	3,000	3,000	3,000	3,000	61,600
15	Green Power Charge	75	75	75	75	75	73	73	73	73	73	73	73	886
16	Panel Production Credit	(11)	(9)	(8)	(11)	(19)	(30)	(36)	(36)	(50)	(42)	(51)	(40)	(343.00)
17	TOTAL	3,282,219	3,464,475	2,599,244	2,743,107	2,066,263	2,068,083	2,358,178	2,780,319	2,634,959	2,350,189	2,019,653	2,739,619	31,106,308
18														
19														
20	SubTotal Demand \$	\$ 1,005,272	\$ 1,135,512	\$ 836,147	\$ 945,192	\$ 742,879	\$ 683,040	\$ 804,507	\$ 877,052	\$ 863,617	\$ 776,906	\$ 744,803	\$ 995,975	10,410,900
21	SubTotal Energy \$	\$ 2,278,847	\$ 2,330,825	\$ 1,764,915	\$ 1,799,736	\$ 1,325,265	\$ 1,386,950	\$ 1,555,636	\$ 1,905,225	\$ 1,773,307	\$ 1,575,195	\$ 1,276,781	\$ 1,745,589	20,718,270
22	SubTotal \$	\$ 3,284,119	\$ 3,466,337	\$ 2,601,062	\$ 2,744,927	\$ 2,068,144	\$ 2,069,990	\$ 2,360,142	\$ 2,782,277	\$ 2,636,923	\$ 2,352,101	\$ 2,021,584	\$ 2,741,564	31,129,170
23	Variance \$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
24	SubTotal Demand %	0.31	0.33	0.32	0.34	0.36	0.33	0.34	0.32	0.33	0.33	0.37	0.36	0.33
25	SubTotal Energy %	0.69	0.67	0.68	0.66	0.64	0.67	0.66	0.68	0.67	0.67	0.63	0.64	0.67
26														
27	Estimated ES Demand Share	65%	65%	65%	65%	65%	65%	65%	65%	65%	65%	65%	65%	65%
28	Estimated ES Energy Share	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%
29														
30	Reconciliation													Total (Excluding Panel Production Credit) (Line 17- Line 16)
31														Acct 555
32														Variance

CLARK ENERGY COOPERATIVE
Meter Costs

#	Rate	Rate Code	Installed Meters	Avg Meter Cost	Total Cost	Allocation Factor
1	Residential	R	24,580	\$ 63	\$ 1,548,540	89.24%
2	Resid TOU	D	161	\$ 63	\$ 10,143	0.58%
3	General Power Service < 50kW	C	1,738	\$ 79	\$ 136,433	7.86%
4	Public Facilities	E	302	\$ 63	\$ 19,026	1.10%
5	General Power Service 50-500kW	L	110	\$ 173	\$ 19,030	1.10%
6	General Power Service 1000-5000kW	M	1	\$ 206	\$ 206	0.01%
7	General Power Service 500+kW	P	9	\$ 206	\$ 1,854	0.11%
8	Lighting	S,T,O	9,640	\$ -	\$ -	0.00%
9	Total		36,541	\$ 47.49	\$ 1,735,232	100.00%

CLARK ENERGY COOPERATIVE
Service Costs

#	Rate	Rate Code	Average Number of Services	Average Service Cost	Total Cost	Allocation Factor
1	Residential	R	24,580	\$ 3,600	\$ 88,499,221	85.96%
2	Resid TOU	D	161	\$ 3,600	\$ 579,673	0.56%
3	General Power Service < 50kW	C	1,738	\$ 6,590	\$ 11,453,750	11.13%
4	Public Facilities	E	302	\$ 4,391	\$ 1,326,058	1.29%
5	General Power Service 50-500kW	L	110	\$ 9,265	\$ 1,019,105	0.99%
6	General Power Service 1000-5000kW	M	1	\$ 9,265	\$ 9,265	0.01%
7	General Power Service 500+kW	P	9	\$ 7,074	\$ 63,668	0.06%
8	Lighting	S,T,O	9,640	\$ -	\$ -	0.00%
9	Total		36,541	\$ 2,817.40	\$ 102,950,739	100.00%

Case No. 2020-00104
Application Exhibit 9

Direct Testimony of
John Wolfram
Exhibit JW-8

CLARK ENERGY COOPERATIVE
Zero Intercept & Minimum System Analyses

Account 364 - Poles, Towers & Fixtures

Description	Size	Cost	Quantity	Actual Unit Cost (\$ per Unit)	Linear Regression Inputs		
					$y^n^{*0.5}$	$n^{*0.5}$	$xn^{*0.5}$
25 FT POLE	25	\$ 516,829.10	2,905	177.91	9,589.01	53.90	1,347.45
55 FT POLE	55	\$ 542,696.84	555	977.83	23,036.19	23.56	1,295.71
60 FT & OVER POLE	60	\$ 2,309.00	5	461.80	1,032.62	2.24	134.16
30 FT POLE	30	\$ 4,393,144.06	14,672	299.42	36,268.60	121.13	3,633.84
35 FT POLE	35	\$ 1,617,893.60	7,997	202.31	18,091.99	89.43	3,129.91
40 FT POLE	40	\$ 11,578,920.66	21,536	537.65	78,901.55	146.75	5,870.06
45 FT POLE	45	\$ 3,944,139.82	7,761	508.20	44,770.64	88.10	3,964.34
50 FT	50	\$ 765,228.29	1,271	602.07	21,464.32	35.65	1,782.55
TOTAL		\$ 23,361,158.17	56,702				

Zero Intercept Linear Regression Results

Size Coefficient (\$ per MCM)	20.36578
Zero Intercept (\$ per Unit)	(341.45110)
R-Square	0.9639

LINEST Array

20.36578	(341.45110)
5.40820	202.96967
0.96385	8,124.95824

Plant Classification

Total Number of Units	56,702
Zero Intercept (\$/Unit)	\$ (341.45)
Minimum System (\$/Unit)	\$ 177.91
Use Min System (M) or Zero Intercept (Z)?	M
Zero Intercept or Min System Cost (\$)	\$ 10,087,864
Total Cost of Sample	\$ 23,361,158
Percentage of Total	0.4318
Percentage Classified as Customer-Related	43.18%
Percentage Classified as Demand-Related	56.82%

CLARK ENERGY COOPERATIVE
Zero Intercept & Minimum System Analyses

Account 365 - Overhead Conductors and Devices

Description	Size	Cost	Quantity	Actual Unit Cost (\$ per Unit)	Linear Regression Inputs		
					y^n*0.5	n^0.5	xn^0.5
WIRE 2 TPX	66.37	\$ 838,484.35	525,929	1.59	1,156.20	725.21	48,132.16
WIRE 2 HDBC	66.37	\$ 6,151.98	43,539	0.14	29.48	208.66	13,848.76
WIRE 397.5 ALUM	397.50	\$ 458,202.45	455,209	1.01	679.13	674.69	268,189.88
WIRE-2 WP	66.37	\$ 170.15	1,700	0.10	4.13	41.23	2,736.51
WIRE 1/0 QUADRUPLX	105.53	\$ 24,423.00	11,106	2.20	231.75	105.39	11,121.28
WIRE 1/0 BARE COPPER	105.53	\$ 44,649.62	297,522	0.15	81.86	545.46	57,561.95
WIRE 6 DPX	26.25	\$ 131,623.18	287,305	0.46	245.56	536.01	14,070.76
WIRE 4/0 QUADRUPLX	211.60	\$ 17,669.49	5,135	3.44	246.58	71.66	15,163.03
WIRE 6 HDBC WIRE	26.25	\$ 8,129.55	62,673	0.13	32.47	250.35	6,571.83
WIRE 1/0 ACSR	105.53	\$ 1,426,456.01	2,773,442	0.51	856.54	1,665.37	175,746.01
WIRE 8 ACWC	16.51	\$ 168,306.61	2,242,347	0.08	112.40	1,497.45	24,721.35
WIRE 6 ACWC	26.25	\$ 341,809.85	3,594,722	0.10	180.28	1,895.98	49,771.25
WIRE-2 ACSR	66.37	\$ 7,263,565.60	6,954,347	1.04	2,754.37	2,637.11	175,024.96
WIRE 1/0 TPX	105.53	\$ 1,060,352.28	741,184	1.43	1,231.64	860.93	90,853.55
WIRE 2 ACWC	66.37	\$ 17,221.70	139,774	0.12	46.06	373.86	24,813.33
WIRE 2/0 COPPER WP	133.07	\$ 174.51	390	0.45	8.84	19.75	2,627.96
WIRE 4 COPPER WP	41.74	\$ 457.15	6,565	0.07	5.64	81.02	3,381.97
WIRE 4/0 ACSR	211.60	\$ 1,127,494.78	1,173,201	0.96	1,040.95	1,083.14	229,193.28
WIRE 2 COPPER WP	66.37	\$ 169.33	1,128	0.15	5.04	33.59	2,229.08
WIRE 300 MCM COPPER	300.00	\$ 806.85	600	1.34	32.94	24.49	7,348.47
WIRE 4 ACSR	41.74	\$ 1,521,877.67	7,890,736	0.19	541.78	2,809.05	117,249.55
WIRE 4 TPX	41.74	\$ 113,346.67	117,485	0.96	330.69	342.76	14,306.84
WIRE 500 MCM COPPER	500.00	\$ 6,335.35	666	9.51	245.49	25.81	12,903.49
WIRE 4/0 TPX	211.60	\$ 42,287.92	13,179	3.21	368.36	114.80	24,291.64
750 MCM	750.00	\$ 6,620.75	1,868	3.54	153.19	43.22	32,415.27
WIRE 336 SPACER CABLE	336.00	\$ 79,338.88	6,426	12.35	989.73	80.16	26,934.54
WIRE 336.4 ACSR	336.40	\$ 1,293,281.93	1,277,951	1.01	1,144.03	1,130.46	380,288.41
WIRE 052 MESSENGER	52.00	\$ 18,201.12	6,473	2.81	226.23	80.45	4,183.66
WIRE 250 MCM	250.00	\$ 1,683.30	711	2.37	63.13	26.66	6,666.15
WIRE 350 MCM	350.00	\$ 21,524.17	2,295	9.38	449.30	47.91	16,767.16
TOTAL		\$ 16,040,816.20	28,635,618				

Zero Intercept Linear Regression Results

Size Coefficient (\$ per MCM)	0.00288
Zero Intercept (\$ per Unit)	0.33348
R-Square	0.6542

LINEST Array

0.00288	0.33348
0.00103	0.11627
0.65415	446.19504

Plant Classification

Total Number of Units	28,635,618
Zero Intercept (\$/Unit)	\$ 0.33
Minimum System (\$/Unit)	\$ 0.07
Use Min System (M) or Zero Intercept (Z)?	Z
Zero Intercept or Min System Cost (\$)	\$ 9,549,488
Total Cost of Sample	\$ 16,040,816
Percentage of Total	0.5953
Percentage Classified as Customer-Related	59.53%
Percentage Classified as Demand-Related	40.47%

CLARK ENERGY COOPERATIVE
Zero Intercept & Minimum System Analyses

Account 367 - Underground Conductors and Devices

Description	Size	Cost	Quantity	Actual Unit Cost (\$ per Unit)	Linear Regression Inputs		
					$y^n^{*0.5}$	$n^{*0.5}$	$xn^{*0.5}$
WIRE 1/0 STRANDED	105.53	\$ 3,209,651.26	684,711	4.69	3,878.86	827.47	87,323.19
2 TPX UG	66.37	\$ 37,590.75	4,551	8.26	557.22	67.46	4,477.39
WIRE 350 MCM TPX UG	350.00	\$ 60,344.40	9,292	6.49	626.01	96.40	33,738.26
WIRE 250 MCM TPX UG	250.00	\$ 9,121.22	5,084	1.79	127.92	71.30	17,825.54
WIRE 2 SOLID UG	68.37	\$ 9,054.11	17,170	0.53	69.10	131.03	8,696.75
WIRE 2/0 TPX UG	133.07	\$ 1,448.13	1,668	0.87	35.41	40.84	5,434.81
WIRE 1/0 SOLID UG	105.53	\$ 101,079.18	109,008	0.93	306.15	330.16	34,842.16
WIRE 4/0 TPX UG	211.60	\$ 86,026.54	18,138	4.74	638.76	134.68	28,497.74
TOTAL		\$ 3,514,313.59	849,622				

Zero Intercept Linear Regression Results

Size Coefficient (\$ per MCM)	0.00721
Zero Intercept (\$ per Unit)	3.34055
R-Square	0.8961

LINEST Array

0.00721	3.34055
0.01789	2.05702
0.89614	530.72233

Plant Classification

Total Number of Units	849,622
Zero Intercept (\$/Unit)	\$ 3.34
Minimum System (\$/Unit)	\$ 0.53
Use Min System (M) or Zero Intercept (Z)?	Z
Zero Intercept or Min System Cost (\$)	\$ 2,838,207
Total Cost of Sample	\$ 3,514,314
Percentage of Total	0.8076
Percentage Classified as Customer-Related	80.76%
Percentage Classified as Demand-Related	19.24%

CLARK ENERGY COOPERATIVE
Zero Intercept & Minimum System Analyses

Account 388 - Line Transformers

Description	Size	Cost	Quantity	Actual	Linear Regression Inputs			NARUC CAM	
				Unit Cost (\$ per Unit)	y^n^0.5	n^0.5	xn^0.5	Incl?	Qty
TRANS 100 CONV 7.2	100.00	\$ 120,863.45	81	1,492.14	13,429.27	9.00	900.00	0	-
TRANS 15 CONV 14.4	15.00	\$ 1,760,794.21	2,004	878.64	39,333.24	44.77	671.49	1	2,004
TRANS 1000 PAD 7.2	1,000.00	\$ 126,895.78	9	14,099.53	42,298.59	3.00	3,000.00	0	-
TRANS 75 CONV 7.2	75.00	\$ 15,787.17	7	2,255.31	5,966.99	2.65	198.43	0	-
TRANS 15 PAD 7.2	15.00	\$ 147,580.16	95	1,553.48	15,141.40	9.75	146.20	1	95
TRANS 50 CONV 14.4	50.00	\$ 156,715.79	132	1,187.24	13,640.36	11.49	574.46	1	132
TRANS 167 CONV 7.2	167.00	\$ 72,444.32	40	1,811.11	11,454.45	6.32	1,056.20	0	-
TRANS 50 PAD 7.2	50.00	\$ 86,365.43	69	1,251.67	10,397.18	8.31	415.33	1	69
TRANS 25 PAD 7.2	25.00	\$ 311,197.11	233	1,335.61	20,387.20	15.26	381.61	1	233
TRANS 15 CONV 7.2	15.00	\$ 2,083,916.03	2,817	739.76	39,263.30	53.08	796.13	1	2,817
TRANS 10 CONV 7.2	10.15	\$ 659,330.28	1,159	568.88	19,366.95	34.04	345.55	1	1,159
TRANS 15 CSP 7.2	15.00	\$ 1,028,448.64	2,517	408.60	20,499.39	50.17	752.55	1	2,517
TRANS 10 CSP 7.2	10.00	\$ 289,705.73	1,039	278.83	8,967.72	32.23	322.34	1	1,039
TRANS 25 SP 14.4	25.00	\$ 6,129.12	14	437.79	1,638.08	3.74	93.54	1	14
TRANS 10 CONV 14.4	10.00	\$ 654,729.71	1,368	478.60	17,701.86	36.89	369.86	1	1,368
TRANS 10 PAD 7.2	10.00	\$ 3,359.93	4	839.98	1,679.97	2.00	20.00	1	4
TRANS 50 CONV 7.2	50.00	\$ 356,541.86	357	998.72	18,870.20	18.89	844.72	1	357
TRANS 10 SP 14.4	10.00	\$ 3,428.15	11	311.65	1,033.63	3.32	33.17	1	11
TRANS 1500 PAD 7.2	1,500.00	\$ 15,859.07	2	7,929.54	11,214.06	1.41	2,121.32	0	-
TRANS 25 CSP 14.4	25.00	\$ 143,097.01	212	674.99	9,827.94	14.56	364.01	1	212
TRANS 15 CSP 14.4	15.00	\$ 1,052,872.71	1,788	588.85	24,899.59	42.28	634.27	1	1,788
TRANS 25 CSP 7.2	25.00	\$ 246,037.55	437	563.01	11,769.57	20.90	522.61	1	437
TRANS 10 CONV 14.4	10.00	\$ 369,335.95	390	947.02	18,702.05	19.75	197.48	1	390
TRANS 25 CONV 7.2	25.00	\$ 976,011.07	1,153	846.50	28,743.53	33.96	848.90	1	1,153
TRANS 37.5 CONV 7.2	37.50	\$ 7,287.77	14	520.56	1,947.74	3.74	140.31	1	14
TRANS 250 CONV 7.2	250.00	\$ 50,572.49	21	2,408.21	11,035.82	4.58	1,145.64	0	-
TRANS 5 CONV 14.4	5.00	\$ 13,756.71	32	429.90	2,431.87	5.66	28.28	1	32
TRANS 5 CSP 14.4	5.00	\$ 22,929.05	48	477.69	3,309.52	6.93	34.64	1	48
TRANS 100 PAD 7.2	100.00	\$ 9,356.12	5	1,871.22	4,184.18	2.24	223.61	0	-
TRANS 75 PAD 7.2	75.00	\$ 83,608.06	23	3,635.13	17,433.49	4.80	359.69	0	-
TRANS 25 CONV 14.4	25.00	\$ 744,154.40	748	994.86	27,208.98	27.35	683.74	1	748
TRANS 333 CONV 7.2	333.00	\$ 37,550.64	6	6,258.44	15,329.98	2.46	815.68	0	-
TRANS 100 CONV 14.4	100.00	\$ 62,926.08	30	2,097.54	11,488.68	5.48	547.72	0	-
TRANS 167 CONV 14.4	167.00	\$ 2,004.40	1	2,004.40	2,004.40	1.00	167.00	0	-
TRANS 250 CONV 14.4	250.00	\$ 36,278.30	10	3,627.83	11,472.21	3.16	790.57	0	-
TRANS 25 PAD 14.4	25.00	\$ 391,982.81	246	1,593.43	24,991.91	15.68	392.11	1	246
TRANS 50 PAD 14.4	50.00	\$ 306,261.29	173	1,770.30	23,284.61	13.15	657.65	1	173
TRANS 25 PAD DUAL	25.00	\$ 606,937.41	342	1,774.67	32,819.42	18.49	462.33	1	342
TRANS 50 PAD DUAL	50.00	\$ 212,580.41	111	1,915.14	20,177.24	10.54	526.78	1	111
TRANS 500 PAD	500.00	\$ 97,075.40	12	8,089.62	28,023.25	3.46	1,732.05	0	-
TRANS 15 PAD 14.4	15.00	\$ 94,727.02	56	1,691.55	12,658.43	7.48	112.25	1	56
TRANS 10 CONV DUAL	10.00	\$ 528,413.51	912	579.40	17,497.52	30.20	301.99	1	912
TRANS 15 CONV DUAL	15.00	\$ 1,203,737.68	1,683	715.23	29,342.01	41.02	615.37	1	1,683
TRANS 300 PAD	300.00	\$ 38,085.12	7	5,440.73	14,394.82	2.65	793.73	0	-
TRANS 25 CONV DUAL	25.00	\$ 221,627.61	265	836.33	13,614.48	16.28	406.97	1	265
TRANS 225 PAD 14.4	225.00	\$ 5,143.00	1	5,143.00	5,143.00	1.00	225.00	0	-
TRANS 45 PAD 7.2 3PH	45.00	\$ 4,513.00	1	4,513.00	4,513.00	1.00	45.00	1	1
TRANS 50 CONV DUAL	50.00	\$ 25,447.30	22	1,166.70	5,425.38	4.69	234.52	1	22
TRANS 100 CONV DUAL	100.00	\$ 9,717.00	5	1,943.40	4,345.57	2.24	223.61	0	-
TRANS 250 PAD 14.4	250.00	\$ 3,564.00	1	3,564.00	3,564.00	1.00	250.00	0	-

CLARK ENERGY COOPERATIVE
Zero Intercept & Minimum System Analyses

TRANS 150 PAD DUAL	150.00	\$	24,378.00	4	6,094.50	12,189.00	2.00	300.00	0	-
TRANS 2500 PAD 3-PH	2,500.00	\$	146,117.18	11	13,283.38	44,055.99	3.32	8,291.56	0	-
TRANS 750 PAD	750.00	\$	25,670.00	3	8,556.67	14,820.58	1.73	1,299.04	0	-
TRANS 1000 PAD DUAL	1,000.00	\$	8,347.00	1	8,347.00	8,347.00	1.00	1,000.00	0	-
TRANS 75 PADMOUNT DUAL	75.00	\$	16,068.00	3	5,356.00	9,276.86	1.73	129.90	0	-
TRANS 300 PAD DUAL	300.00	\$	6,374.00	1	6,374.00	6,374.00	1.00	300.00	0	-
TRANS 1.5 CONV 7.2	1.50	\$	50,519.71	75	673.60	5,833.51	8.66	12.99	1	75
TRANS 1.5 CONV 14.4	1.50	\$	37,732.62	52	725.63	5,232.57	7.21	10.82	1	52
TRANS 75 PAD 14.4	75.00	\$	55,700.30	11	5,063.66	16,794.27	3.32	248.75	0	-
TRANS 750 PAD DUAL	750.00	\$	18,621.90	1	18,621.90	18,621.90	1.00	750.00	0	-
TRANS 100 PAD DUAL	100.00	\$	5,711.80	1	5,711.80	5,711.80	1.00	100.00	0	-
TRANS 167 PADMOUNT 7200	167.00	\$	5,189.00	1	5,189.00	5,189.00	1.00	167.00	0	-
TRANS 1000 PAD 14.4	1,000.00	\$	13,975.00	1	13,975.00	13,975.00	1.00	1,000.00	0	-
TRANS 500 CON 7.2	500.00	\$	47,198.49	10	4,719.85	14,925.47	3.16	1,581.14	0	-
TRANS 100 PAD 14.4	100.00	\$	2,560.00	1	2,560.00	2,560.00	1.00	100.00	0	-
TOTAL		\$	15,971,845.81	20,889						20,579

Zero Intercept Linear Regression Results

Size Coefficient (\$ per MCM)	7.18891
Zero Intercept (\$ per Unit)	613.05942
R-Square	0.8376

LINEST Array

7.18891	613.05942
0.74126	52.70335
0.83765	7,274.72342

Plant Classification

Total Number of Units	20,579
Zero Intercept (\$/Unit)	\$ 613.06
Minimum System (\$/Unit)	\$ 278.83
Use Min System (M) or Zero Intercept (Z)?	Z
Zero Intercept or Min System Cost (\$)	\$ 12,616,150
Total Cost of Sample	\$ 15,971,846
Percentage of Total	0.7899
Percentage Classified as Customer-Related	78.99%
Percentage Classified as Demand-Related	21.01%

* Only single-phase up to 50 KVA should be included in the Customer-related component per NARUC CAM

<u>Description</u>	<u>Acct</u>	<u>Demand</u>	<u>Customer</u>	<u>Method</u>
Poles, Towers and Fixtures	364	0.5682	0.4318	M
Overhead Conductors and Devices	365	0.4047	0.5953	Z
Underground Conductors and Devices	367	0.1924	0.8076	Z
Line Transformers	368	0.2101	0.7899	Z

Case No. 2020-00104
Application Exhibit 9

Direct Testimony of
John Wolfram
Exhibit JW-9

**Clark Energy Cooperative
Present and Proposed Rates**

#	Rate Class			Rates				Revenues					
	Classification (1)	Code (2)	Billing Unit (3)	Test Year Rate (4)	Present Rate (5)	Proposed Rate (6)	Incr (Deer) Over Pres (7)	Test Year Revenue (8)	Present Revenue (9)	Proposed Revenue (10)	Increase \$ (11)	Increase % (12)	Increase Avg Bill (13)
1	Residential	R	Facility Charge (per month)	12.43	12.43	18.00	5.57	\$ 34,897,390	\$ 34,376,700	\$ 35,289,024	\$ 912,324	2.65%	\$ 3.09
			Energy Charge (per kWh)	0.08992	0.08832	0.08608	(0.00225)						
2	Time Of Use Marketing Service	D	Facility Charge (per month)	-	-	-	-	\$ 38,903	\$ 38,143	\$ 42,661	\$ 4,518	11.84%	\$ 2.34
			Energy Charge On Pk (per kWh)	-	-	-	-						
			Energy Charge Off Pk (per kWh)	0.05740	0.05634	0.06264	0.00630						
3	General Power Service < 50kW	C	Facility Charge 1Ph (per month)	25.33	25.33	25.33	-	\$ 3,717,133	\$ 3,669,003	\$ 3,669,003	\$ -	0.00%	\$ -
			Facility Charge 3Ph (per month)	50.14	50.14	50.14	-						
			Energy Charge (per kWh)	0.09634	0.09474	0.09474	-						
4	Public Facilities	E	Facility Charge (per month)	16.57	16.57	16.57	-	\$ 480,513	\$ 474,081	\$ 474,081	\$ -	0.00%	\$ -
			Energy Charge (per kWh)	0.09686	0.09526	0.09526	-						
5	General Power Service 50-500kW	L	Facility Charge (per month)	63.81	63.81	63.81	-	\$ 3,924,917	\$ 3,863,430	\$ 3,863,430	\$ -	0.00%	\$ -
			Energy Charge (per kWh)	0.06881	0.06721	0.06721	-						
			Demand Charge (per kW)	6.47	6.47	6.47	-						
6	General Power Service 1000-5000kW	M	Facility Charge (per month)	-	-	-	-	\$ 887,522	\$ 870,725	\$ 870,725	\$ -	0.00%	\$ -
			Energy Charge (per kWh)	0.06205	0.06045	0.06045	-						
			Demand Charge (per kW)	10.07	10.07	10.07	-						
7	General Power Service 500-kW	P	Facility Charge (per month)	86.88	86.88	86.88	-	\$ 1,381,128	\$ 1,357,482	\$ 1,357,482	\$ -	0.00%	\$ -
			Energy Charge (per kWh)	0.05865	0.05705	0.05705	-						
			Demand Charge (per kW)	6.21	6.21	6.21	-						
8	Lighting	S,T,O	Various Charges per Light & Pole					\$ 1,188,597	\$ 1,186,499	\$ 1,186,499	\$ -	0.00%	\$ -
9	TOTAL							\$ 46,516,104	\$ 45,836,064	\$ 46,752,906	\$ 916,842	2.00%	

Clark Energy Cooperative
Residential
R

	Test Year Rate			Present Rate		Proposed Rates		
	Billing Units	Rate	Calculated Billings	Rate	Calculated Billings	Billing Units	Rate	Calculated Billings
Facility Charge								
	<i>Customers</i>	<i>per Customer</i>		<i>per Customer</i>		<i>Customers</i>	<i>per Customer</i>	
All Members	294,958	\$ 12.43	\$ 3,666,328	\$ 12.43	\$ 3,666,328	294,958	\$ 18.00	\$ 5,309,244
Energy Charge								
	<i>kWh</i>	<i>Per kWh</i>		<i>Per kWh</i>		<i>kWh</i>	<i>Per kWh</i>	
All Hours	325,430,949	\$0.08992	\$ 29,262,751	\$0.08832	\$ 28,742,061	325,430,949	\$0.08608	\$ 28,011,469
Other								
FAC			\$ (1,269,968)		\$ (1,269,968)			\$ (1,269,968)
ES			\$ 3,236,454		\$ 3,236,454			\$ 3,236,454
Prepay Chg			\$ 1,825		\$ 1,825			\$ 1,825
Total Rate Revenue			<u>\$ 34,897,390</u>		<u>\$ 34,376,700</u>			<u>\$ 35,289,024</u>
Revenue Per Books			\$ 34,898,753					\$ 912,324
Difference			\$ (1,363)		\$ (520,690)			2.65%
Percent Difference			0.00%		-1.49%			\$ 3.09
						Avg Incr/(Decr) Per Customer Per Month		

Clark Energy Cooperative
Time Of Use Marketing Service
D

	Test Year Rate			Present Rate			Proposed Rates		
	Billing Units	Rate	Calculated Billings	Rate	Calculated Billings	Billing Units	Rate	Calculated Billings	
Customer Charge									
Test Year	<u>Customers</u> 1,932	<u>per Customer</u> \$ -	\$ -	<u>per Customer</u> \$ -	\$ -	Annual	<u>Customers</u> 1,932	<u>per Customer</u> \$ -	\$ -
Energy Charge									
On Peak	<u>kWh</u>	<u>Per kWh</u> \$0.00000	\$ -	<u>Per kWh</u> \$0.00000	\$ -	All Hours	<u>kWh</u>	<u>Per kWh</u> \$0.00000	\$ -
Off Peak	717,137	\$0.05740	\$ 41,164	\$0.05634	\$ 40,403	All Hours	717,137	\$0.06264	\$ 44,921
Other									
FAC			\$ (2,352)		\$ (2,352)	FAC			\$ (2,352)
ES			\$ 92		\$ 92	ES			\$ 92
Total Rate Revenue			<u>\$ 38,903</u>		<u>\$ 38,143</u>	Total Rate Revenue			<u>\$ 42,661</u>
Revenue Per Books			\$ 39,291			Difference from Present Rates			\$ 4,518
Difference			\$ (387)		\$ (760)	Percent Change from Present Rates			12%
Percent Difference			-0.99%		-1.93%	Avg Incr/(Decr) Per Customer Per Month			\$ 2

Clark Energy Cooperative
General Power Service < 50kW

C

	Test Year Rate			Present Rate			Proposed Rates		
	Billing Units	Rate	Calculated Billings	Rate	Calculated Billings	Billing Units	Rate	Calculated Billings	
Customer Charge									
	<i>Customers</i>	<i>per Customer</i>		<i>per Customer</i>		<i>Customers</i>	<i>per Customer</i>		
Single Phase	18,178	\$ 25.33	\$ 460,449	\$ 25.33	\$ 460,449	18,178	\$ 25.33	\$ 460,449	
Three Phase	2,677	\$ 50.14	\$ 134,225	\$ 50.14	\$ 134,225	2,677	\$ 50.14	\$ 134,225	
Energy Charge									
	<i>kWh</i>	<i>Per kWh</i>		<i>Per kWh</i>		<i>kWh</i>	<i>Per kWh</i>		
All Hours	30,081,135	\$0.09634	\$ 2,898,017	\$0.09474	\$ 2,849,887	30,081,135	\$0.09474	\$ 2,849,887	
Other									
FAC			\$ (122,233)	\$ (122,233)				\$ (122,233)	
ES			\$ 346,676	\$ 346,676				\$ 346,676	
Total Rate Revenue			<u>\$ 3,717,133</u>	<u>\$ 3,669,003</u>				<u>\$ 3,669,003</u>	
Revenue Per Books			\$ 3,717,133					\$ -	
Difference			\$ -	\$ (48,130)				0%	
Percent Difference			0.00%	-1.29%				\$ -	
						Avg Iner/(Decr) Per Customer Per Month		\$ -	

Clark Energy Cooperative
 General Power Service 50-500kW
 E

	Test Year Rate			Present Rate		Proposed Rates			
	Billing Units	Rate	Calculated Billings	Rate	Calculated Billings	Billing Units	Rate	Calculated Billings	
Customer Charge									
Test Year	<u>Customers</u> 3,622	<u>per Customer</u> \$ 16.57	\$ 60,017	<u>per Customer</u> \$ 16.57	\$ 60,017	Annual	<u>Customers</u> 3,622	<u>per Customer</u> \$ 16.57	\$ 60,017
Energy Charge									
All Hours	<u>kWh</u> 4,019,829	<u>Per kWh</u> \$0.09686	\$ 389,361	<u>Per kWh</u> \$0.09526	\$ 382,929	All Hours	<u>kWh</u> 4,019,829	<u>Per kWh</u> \$0.09526	\$ 382,929
Other									
FAC			\$ (15,941)	\$ (15,941)				\$ (15,941)	
ES			\$ 47,077	\$ 47,077				\$ 47,077	
Total Rate Revenue			<u>\$ 480,513</u>	<u>\$ 474,081</u>				<u>\$ 474,081</u>	
Revenue Per Books			\$ 480,513						
Difference			\$ -	\$ (6,432)					
Percent Difference			0.00%	-1.34%					
						Difference from Present Rates		\$ -	
						Percent Change from Present Rates		0%	
						Avg Incr/(Decr) Per Customer Per Month		\$ -	

Clark Energy Cooperative
 General Power Service 1000-5000kW
 L

	Test Year Rate			Present Rate		Proposed Rates			
	Billing Units	Rate	Calculated Billings	Rate	Calculated Billings	Billing Units	Rate	Calculated Billings	
Customer Charge									
Test Year	<u>Customers</u> 1,320	<u>per Customer</u> \$ 63.81	\$ 84,229	<u>per Customer</u> \$ 63.81	\$ 84,229	Annual	<u>Customers</u> 1,320	<u>per Customer</u> \$ 63.81	\$ 84,229
Energy Charge									
All Hours	<u>kWh</u> 38,429,279	<u>Per kWh</u> \$0.06881	\$ 2,644,319	<u>Per kWh</u> \$0.06721	\$ 2,582,832	All Hours	<u>kWh</u> 38,429,279	<u>Per kWh</u> \$0.06721	\$ 2,582,832
Demand Charge									
NCP	<u>kW</u> 140,887	<u>Per kW</u> \$6.47	\$ 911,538	<u>Per kW</u> \$6.47	\$ 911,538	NCP	<u>kW</u> 140,887	<u>Per kW</u> \$6.47	\$ 911,538
Other									
FAC			\$ (159,084)		\$ (159,084)	FAC		\$ (159,084)	
ES			\$ 377,829		\$ 377,829	ES		\$ 377,829	
Demand UpChg			\$ 66,087		\$ 66,087	Demand UpChg		\$ 66,087	
Total Rate Revenue			<u>\$ 3,924,917</u>		<u>\$ 3,863,430</u>	Total Rate Revenue		<u>\$ 3,863,430</u>	
Revenue Per Books			\$ 3,924,853			Difference from Present Rates		\$ -	
Difference			\$ 64		\$ (61,487)	Percent Change from Present Rates		0%	
Percent Difference			0.00%		-1.57%	Avg Incr/(Decr) Per Customer Per Month		\$ -	

Clark Energy Cooperative
 General Power Service 500+kW
 M

	Test Year Rate			Present Rate			Proposed Rates		
	Billing Units	Rate	Calculated Billings	Rate	Calculated Billings	Billing Units	Rate	Calculated Billings	
Customer Charge									
Test Year	<i>Customers</i> 12	<i>per Customer</i> \$ -	\$ -	<i>per Customer</i> \$ -	\$ -	<i>Customers</i> 12	<i>per Customer</i> \$ -	\$ -	
Energy Charge									
All Hours	<i>kWh</i> 10,498,090	<i>Per kWh</i> \$0.06205	\$ 651,406	<i>Per kWh</i> \$0.06045	\$ 634,610	<i>kWh</i> 10,498,090	<i>Per kWh</i> \$0.06045	\$ 634,610	
Demand Charge									
NCP	<i>kW</i> 19,826	<i>Per kW</i> \$10.07	\$ 199,653	<i>Per kW</i> \$10.07	\$ 199,653	<i>kW</i> 19,826	<i>Per kW</i> \$10.07	\$ 199,653	
Other									
FAC			\$ (44,449)		\$ (44,449)			\$ (44,449)	
ES			\$ 80,912		\$ 80,912			\$ 80,912	
Total Rate Revenue			<u>\$ 887,522</u>		<u>\$ 870,725</u>			<u>\$ 870,725</u>	
Revenue Per Books			\$ 887,522					\$ -	
Difference			\$ -		\$ (16,797)			\$ -	
Percent Difference			0.00%		-1.89%			\$ -	
Customer Charge									
Annual									
Energy Charge									
All Hours									
Demand Charge									
NCP									
Other									
FAC									
ES									
Total Rate Revenue									
Difference from Present Rates								\$ -	
Percent Change from Present Rates								0%	
Avg Incr/(Decr) Per Customer Per Month								\$ -	

Clark Energy Cooperative
 General Power Service 500+kW
 P

	Test Year Rate			Present Rate		Proposed Rates			
	Billing Units	Rate	Calculated Billings	Rate	Calculated Billings	Billing Units	Rate	Calculated Billings	
Customer Charge									
Test Year	<i>Customers</i> 108	<i>per Customer</i> \$ 86.88	\$ 9,383	<i>per Customer</i> \$ 86.88	\$ 9,383	Annual	<i>Customers</i> 108	<i>per Customer</i> \$ 86.88	\$ 9,383
Energy Charge									
All Hours	<i>kWh</i> 14,778,980	<i>Per kWh</i> \$0.05865	\$ 866,787	<i>Per kWh</i> \$0.05705	\$ 843,141	All Hours	<i>kWh</i> 14,778,980	<i>Per kWh</i> \$0.05705	\$ 843,141
Demand Charge									
NCP	<i>kW</i> 55,869	<i>Per kW</i> \$6.21	\$ 346,947	<i>Per kW</i> \$6.21	\$ 346,947	NCP	<i>kW</i> 55,869	<i>Per kW</i> \$6.21	\$ 346,947
Other									
FAC			\$ (63,331)		\$ (63,331)	FAC			\$ (63,331)
ES			\$ 145,396		\$ 145,396	ES			\$ 145,396
Demand UpChg			\$ 75,946		\$ 75,946	Demand UpChg			\$ 75,946
Total Rate Revenue			<u>\$ 1,381,128</u>		<u>\$ 1,357,482</u>	Total Rate Revenue			<u>\$ 1,357,482</u>
Revenue Per Books			\$ 1,381,128			Difference from Present Rates			\$ -
Difference			\$ -		\$ (23,646)	Percent Change from Present Rates			0%
Percent Difference			0.00%		-1.71%	Avg Incr/(Decr) Per Customer Per Month			\$ -

Clark Energy Cooperative
Lighting
S,T,O

Description	Test Year Rate			Present Rate			Proposed Rates		
	Billing Units	Rate	Calculated Billings	Rate	Calculated Billings	Billing Units	Rate	Calculated Billings	
Lights									
	<i>Annual kWh</i>	<i>Annual Lights</i>	<i>Per Light</i>		<i>Per Light</i>		<i>Annual Lights</i>	<i>Per Light</i>	
<u>Rate T - Outdoor Lights</u>									
400 W	748,132	5,036	17.28	\$ 87,022	\$ 17.28	\$ 87,022	5,036	\$ 17.28	\$ 87,022
<u>Rate S - Outdoor Lights</u>									
175 W	3,663,874	52,537	9.45	\$ 496,475	\$ 9.45	\$ 496,475	52,537	\$ 9.45	\$ 496,475
<u>Rate O - LED Outdoor Lighting Facilities</u>									
Open Bottom Light (4,800-6,800 Lumens)	887,808	52,302	9.52	\$ 497,915	\$ 9.49	\$ 496,346	52,302	\$ 9.49	\$ 496,346
Cobra Head Light (7,200 - 10,000 Lumens)	85,824	2,650	14.66	\$ 38,849	\$ 14.60	\$ 38,690	2,650	\$ 14.60	\$ 38,690
Directional Flood Light (15,00 - 18,000 Lumens)	217,764	3,034	21.93	\$ 66,536	\$ 21.81	\$ 66,172	3,034	\$ 21.81	\$ 66,172
Ornamental Light w/Pole (4,80 - 6,800 Lumens)	3,480	120	20.23	\$ 2,428	\$ 20.18	\$ 2,422	120	\$ 20.18	\$ 2,422
Additional Pole (30' Wood / if no existing pole available)	-	1,345	5.54	\$ 7,450	\$ 5.54	\$ 7,450	1,345	\$ 5.54	\$ 7,450
	5,606,882	117,024							
Other									
FAC				\$ (23,411)	\$ (23,411)				\$ (23,411)
ES				\$ 15,334	\$ 15,334				\$ 15,334
Total Rate Revenue				<u>\$ 1,188,597</u>	<u>\$ 1,186,499</u>	Total Rate Revenue			<u>\$ 1,186,499</u>
Revenue Per Books				\$ 1,187,646			Difference from Present Rates		\$ -
Difference				\$ 951	\$ (2,098)	Percent Change from Present Rates			0%
Percent Difference				0.080%	-0.18%	Avg Incr/(Deer) Per Light Per Month			\$ -

Clark Energy Cooperative
Reconciliation of Actual vs. Calculated Billings

Customer Class	Rate Code	kWh	Test Year Rate		Difference	Percentage Difference	FAC Roll-In Incr(Decr)
			Revenue Per Books	Calculated Billings			
Residential	R	325,430,949	\$ 34,898,753	\$ 34,897,390	\$ (1,363)	0.00%	\$ (520,690)
Time Of Use Marketing Service	D	717,137	\$ 39,291	\$ 38,903	\$ (387)	-0.99%	(760)
General Power Service < 50kW	C	30,081,135	\$ 3,717,133	\$ 3,717,133	\$ -	0.00%	(48,130)
Public Facilities	E	4,019,829	\$ 480,513	\$ 480,513	\$ -	0.00%	(6,432)
General Power Service 50-500kW	L	38,429,279	\$ 3,924,853	\$ 3,924,917	\$ 64	0.00%	(61,487)
General Power Service 1000-5000kW	M	10,498,090	\$ 887,522	\$ 887,522	\$ -	0.00%	\$ (16,797)
General Power Service 500+kW	P	14,778,980	\$ 1,381,128	\$ 1,381,128	\$ -	0.00%	(23,646)
Lighting	S,T,O	5,606,882	\$ 1,187,646	\$ 1,188,597	\$ 951	0.08%	(2,098)
		<u>429,562,281</u>	<u>\$ 46,516,839</u>	<u>\$ 46,516,104</u>	<u>\$ (735)</u>	<u>0.00%</u>	<u>\$ (680,040)</u>
Billing Total		429,562,281	46,516,839	46,516,104			
Reported Total		429,562,281	46,517,807	46,517,807			
Difference		-	968	1,703			
Difference		0.00%	0.00%	0.00%			

Clark Energy Cooperative

Estimated Monthly Increase by KWH - Base Rates Only *

Residential

#	Monthly kWh	Present Base Rates			Proposed Base Rates			Increase	
		Customer	Energy	SubTotal	Customer	Energy	SubTotal	\$	%
		\$ 12.43	\$ 0.08832		\$ 18.00	\$ 0.08608			
1	-	\$ 12.43	\$ -	\$ 12.43	\$ 18.00	\$ -	\$ 18.00	\$ 5.57	44.8%
2	100	\$ 12.43	\$ 8.83	\$ 21.26	\$ 18.00	\$ 8.61	\$ 26.61	\$ 5.35	25.1%
2	200	\$ 12.43	\$ 17.66	\$ 30.09	\$ 18.00	\$ 17.22	\$ 35.22	\$ 5.12	17.0%
3	300	\$ 12.43	\$ 26.50	\$ 38.93	\$ 18.00	\$ 25.82	\$ 43.82	\$ 4.90	12.6%
4	400	\$ 12.43	\$ 35.33	\$ 47.76	\$ 18.00	\$ 34.43	\$ 52.43	\$ 4.67	9.8%
2	500	\$ 12.43	\$ 44.16	\$ 56.59	\$ 18.00	\$ 43.04	\$ 61.04	\$ 4.45	7.9%
3	600	\$ 12.43	\$ 52.99	\$ 65.42	\$ 18.00	\$ 51.65	\$ 69.65	\$ 4.22	6.5%
4	700	\$ 12.43	\$ 61.82	\$ 74.25	\$ 18.00	\$ 60.25	\$ 78.25	\$ 4.00	5.4%
5	800	\$ 12.43	\$ 70.66	\$ 83.09	\$ 18.00	\$ 68.86	\$ 86.86	\$ 3.77	4.5%
6	900	\$ 12.43	\$ 79.49	\$ 91.92	\$ 18.00	\$ 77.47	\$ 95.47	\$ 3.55	3.9%
7	1,000	\$ 12.43	\$ 88.32	\$ 100.75	\$ 18.00	\$ 86.08	\$ 104.08	\$ 3.33	3.3%
8	1,100	\$ 12.43	\$ 97.15	\$ 109.58	\$ 18.00	\$ 94.68	\$ 112.68	\$ 3.10	2.8%
9	1,200	\$ 12.43	\$ 105.98	\$ 118.41	\$ 18.00	\$ 103.29	\$ 121.29	\$ 2.88	2.4%
10	1,300	\$ 12.43	\$ 114.82	\$ 127.25	\$ 18.00	\$ 111.90	\$ 129.90	\$ 2.65	2.1%
11	1,400	\$ 12.43	\$ 123.65	\$ 136.08	\$ 18.00	\$ 120.51	\$ 138.51	\$ 2.43	1.8%
12	1,500	\$ 12.43	\$ 132.48	\$ 144.91	\$ 18.00	\$ 129.11	\$ 147.11	\$ 2.20	1.5%
13	1,600	\$ 12.43	\$ 141.31	\$ 153.74	\$ 18.00	\$ 137.72	\$ 155.72	\$ 1.98	1.3%
14	1,700	\$ 12.43	\$ 150.14	\$ 162.57	\$ 18.00	\$ 146.33	\$ 164.33	\$ 1.75	1.1%
15	1,800	\$ 12.43	\$ 158.98	\$ 171.41	\$ 18.00	\$ 154.94	\$ 172.94	\$ 1.53	0.9%
16	1,900	\$ 12.43	\$ 167.81	\$ 180.24	\$ 18.00	\$ 163.54	\$ 181.54	\$ 1.30	0.7%
17	2,000	\$ 12.43	\$ 176.64	\$ 189.07	\$ 18.00	\$ 172.15	\$ 190.15	\$ 1.08	0.6%
18	2,100	\$ 12.43	\$ 185.47	\$ 197.90	\$ 18.00	\$ 180.76	\$ 198.76	\$ 0.86	0.4%
19	2,200	\$ 12.43	\$ 194.30	\$ 206.73	\$ 18.00	\$ 189.37	\$ 207.37	\$ 0.63	0.3%
20	2,300	\$ 12.43	\$ 203.14	\$ 215.57	\$ 18.00	\$ 197.97	\$ 215.97	\$ 0.41	0.2%
21	2,400	\$ 12.43	\$ 211.97	\$ 224.40	\$ 18.00	\$ 206.58	\$ 224.58	\$ 0.18	0.1%
22	2,500	\$ 12.43	\$ 220.80	\$ 233.23	\$ 18.00	\$ 215.19	\$ 233.19	\$ (0.04)	0.0%
23	2,600	\$ 12.43	\$ 229.63	\$ 242.06	\$ 18.00	\$ 223.80	\$ 241.80	\$ (0.27)	-0.1%
24	2,700	\$ 12.43	\$ 238.46	\$ 250.89	\$ 18.00	\$ 232.40	\$ 250.40	\$ (0.49)	-0.2%
25	2,800	\$ 12.43	\$ 247.30	\$ 259.73	\$ 18.00	\$ 241.01	\$ 259.01	\$ (0.72)	-0.3%
26	2,900	\$ 12.43	\$ 256.13	\$ 268.56	\$ 18.00	\$ 249.62	\$ 267.62	\$ (0.94)	-0.4%
27	3,000	\$ 12.43	\$ 264.96	\$ 277.39	\$ 18.00	\$ 258.23	\$ 276.23	\$ (1.16)	-0.4%
AVG	1,103	\$ 12.43	\$ 97.44	\$ 109.87	\$ 18.00	\$ 94.97	\$ 112.97	\$ 3.09	2.8%

* Amount varies slightly from utility total due to rate riders.

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 10

807 KAR 5:001 Sec. 16(4)(d)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

A statement estimating the effect that each new rate will have upon the revenues of the utility including, at minimum, the total amount of revenues resulting from the increase or decrease and the percentage of the increase or decrease

Response:

Please see the table below. Please also see the testimony of John Wolfram provided at Exhibit 9 and, in particular, Exhibit JW-9 thereof.

Rate Class	Increase	
	Dollars	Percent
R Residential	\$912,324	2.65%
D Time Of Use Marketing Service	\$4,518	11.84%
Total Impact to Clark Energy's Revenues	\$916,842	2.00%

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 11

807 KAR 5:001 Sec. 16(4)(e)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

If the utility provides electric, gas, water, or sewer service, the effect upon the average bill for each customer classification to which the proposed rate change will apply

Response:

Please see the table below. Please also see the testimony of John Wolfram provided at Exhibit 9 and, in particular, Exhibit JW-9 thereof.

Rate Class	Average Usage (kWh)	Increase	
		Dollars	Percent
R Residential	1,103	\$3.09	2.65%
D Time Of Use Marketing Service	371	\$2.34	11.84%
C General Power Service < 50kW	1,442	\$0.00	0%
E Public Facilities	1,110	\$0.00	0%
L General Power Service 50-500kW	29,113	\$0.00	0%
M General Power Service 1000-5000kW	874,841	\$0.00	0%
P General Power Service 500+kW	136,842	\$0.00	0%
Lighting	NA	\$0.00	0%
Total	NA	\$0.00	2.00%

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 12

807 KAR 5:001 Sec. 16(4)(g)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

A detailed analysis of customers' bills whereby revenues from the present and proposed rates can be readily determined for each customer class

Response:

Please see the testimony of John Wolfram provided at Exhibit 9 and, in particular, Exhibit JW-9 thereof.

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 13

807 KAR 5:001 Sec. 16(4)(h)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

A summary of the utility's determination of its revenue requirements based on return on net investment rate base, return on capitalization, interest coverage, debt service coverage, or operating ratio, with supporting schedules

Response:

The revenue requirement in this case is determined on the basis of achieving an Operating Times Interest Earned Ratio (“OTIER”) of 1.77. Please see the testimony of John Wolfram provided at Exhibit 9 and, in particular, Exhibit JW-2 thereof.

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 14

807 KAR 5:001 Sec. 16(4)(i)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

A reconciliation of the rate base and capital used to determine its revenue requirements

Response:

Revenue requirements were determined on the basis of achieving an OTIER of 1.77. Please see the testimony of John Wolfram provided at Exhibit 9 and, in particular, Exhibit JW-2 thereof. The rate base is calculated as part of the cost of service study (“COSS”); this is provided on pages 7 and 8 of Exhibit JW-4.

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 15

807 KAR 5:001 Sec. 16(4)(t)
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

If the utility had amounts charged or allocated to it by an affiliate or general or home office or paid monies to an affiliate or general or home office during the test period or during the previous three (3) calendar years, the utility shall file:

- 1. A detailed description of the method and amounts allocated or charged to the utility by the affiliate or general or home office for each charge allocation or payment;*
- 2. An explanation of how the allocator for the test period was determined; and*
- 3. All facts relied upon, including other regulatory approval, to demonstrate that each amount charged, allocated, or paid during the test period was reasonable.*

Response: Prior to 2017, Clark Energy owned Clark Energy Services Corporation (“Clark Energy Services”) as subsidiary. Clark Energy Services had no assets and provided no services, thus the only expenses associated with it were four quarterly Board Meetings each year. No expenses were charged to Clark Energy for these meetings. Clark Energy Services was the corporate parent of Clark Energy Propane Plus, LLC (“Clark Energy Propane”). Clark Energy Propane is engaged in the business of providing fuel to retail customers. Clark Energy Services was dissolved in 2017, making Clark Energy Propane a direct subsidiary of Clark Energy. Clark Energy charged Clark Energy Propane for rental of office space, labor and associated taxes and board meeting expenses based upon the estimated cost for such facilities and services.

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Rents

Clark Energy Propane Plus, LLC (“Clark Energy Propane”) paid Clark Energy for rental expense that was booked in Clark Energy’s other electric revenues. Clark Propane built a new building and moved out of Clark Energy’s office in July 2019.

2017	\$ 60,000.00
2018	\$ 60,000.00
2019	\$ 32,100.00

Labor and taxes charged by Clark Energy to Clark Energy Propane

2017	\$ 3,000.00	paid to Clark Energy by Clark Services as its share of an audit conducted for both entities.
2018	\$ 1,879.67	paid to Clark Energy for labor and taxes.
	\$ 1,200.00	paid to Clark director for Clark Energy Propane quarterly board meetings.
2019	\$ 2,940.94	paid to Clark Energy for labor and taxes.
	\$ 1,200.00	paid to Clark director for Clark Energy Propane quarterly board meetings.

Clark Energy Gains & Losses from Clark Energy Propane

12/31/2017	RECORD PROPANE LOSSES 2017	Dec-17	-13,087.84
12/31/2018	RECORD PROPANE GAIN 2018	Dec-18	241,727.35
12/31/2019	RECORD PROPANE GAIN 2019	Dec-19	335,975.05
			564,614.56

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Exhibit 16

807 KAR 5:001 Sec. 16(4)(u)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

If the utility provides gas, electric, water, or sewage utility service and has annual gross revenues greater than \$5,000,000, a cost of service study based on a methodology generally accepted within the industry and based on current and reliable data from a single time period

Response:

Please see the testimony of John Wolfram provided at Exhibit 9 and, in particular, Exhibits JW-3 through JW-8 thereof.

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Exhibit 17

807 KAR 5:001 Sec. 16(5)(a)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

A detailed income statement and balance sheet reflecting the impact of all proposed adjustments.

Response:

Please see the testimony of John Wolfram provided at Exhibit 9 and, in particular, Exhibit JW-2 at pages 3 and 4 thereof.

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Exhibit 18

807 KAR 5:001 Sec. 16(5)(e)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

The number of customers to be added to the test period end level of customers and the related revenue requirements impact for all pro forma adjustments with complete details and supporting work papers

Response:

Please see the testimony of John Wolfram provided at Exhibit 9 and, in particular, Exhibit JW-2 (Reference Schedule 1.04) thereof.

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Exhibit 19

Case No. 2008-00408
Order entered July 24, 2012
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

“Each electric utility shall integrate energy efficiency resources into its plans and shall adopt policies establishing cost-effective energy efficiency resources with equal priority as other resource options. In each integrated resource plan, certificate case, and rate case, the subject electric utility shall fully explain its consideration of cost-effective energy efficiency resources as defined in the Commission’s IRP regulation (807 KAR 5:058).”

Response:

In Case No. 2009-00314, Clark Energy’s last rate case, the Commission stated:

The Commission believes that conservation, energy efficiency, and DSM will become more important and cost-effective because more constraints will probably be placed upon utilities whose main source of supply is coal-based generation. The Governor's proposed energy plan, *Intelligent Energy Choices for Kentucky's Future, November 2008*, calls for an increase in DSM by 2025. In addition, the Commission stated its support for cost-effective demand-side programs in response to several recommendations included in *Electric Utility Regulation and Energy Policy in Kentucky*, the report the Commission submitted in July 2008 to the Kentucky General Assembly pursuant to Section 50 of the 2007 Energy Act. Although Clark Energy has a number of energy efficiency programs in place, the Commission believes that it is appropriate to encourage Clark Energy and all other electric energy providers to make a greater effort to offer cost-effective DSM and other energy efficiency programs.

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In coordination with East Kentucky Power Cooperative, Inc. (“EKPC”), Clark Energy offered several DSM programs in the following years. However, in Case No. 2019-00060, Clark Energy proposed to modify several of its DSM programs and to eliminate others in order to rebalance its DSM portfolio. In that docket, the Commission approved Clark Energy’s request to modify: (1) DSM-2, Touchstone Energy Home; (2) DSM-3a, Direct Load Control Program - Residential; (3) DSM-3b, Direct Load Control Program - Commercial; (4) DSM-4a, Button-Up Weatherization Program; and (5) DSM, Heat Pump Retrofit Program.¹ The Commission also approved Clark Energy’s request to eliminate the following DSM programs: (1) DSM-5, Commercial & Industrial Advanced Lighting Program; (2) DSM-6, Industrial Compressed Air Program; (3) DSM-10, Appliance Recycling Program; and (4) DSM-11 , ENERGY STAR® Appliances Program.²

Clark Energy continued to offer Demand-Side Management/Energy Efficiency programs to its members during the test year with the assistance of EKPC. In the test year, Clark Energy paid out \$ 36,484 to its members for these programs, but was reimbursed in full by EKPC, and thus, there was no impact to the test year expenses. The payments were charged to account 143, accounts receivable and offset when payment was received from EKPC.

¹ See Order, Case No. 2019-00060 (Ky. P.S.C. Nov. 26, 2019).

² See Order, Case No. 2019-00060 (Ky. P.S.C. Feb. 27, 2019).

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Exhibit 20

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Chris Brewer

Description of Filing Requirement:

A narrative statement discussing what changes have occurred for the Distribution Cooperative since the effective date of its last general rate adjustment

Response:

Since Clark Energy's last general rate increase went into effect on April 16, 2010, the cost of doing business and providing safe and reliable electric service has increased due to ordinary inflationary pressures. However, Clark Energy's load growth and customer counts have seen only modest increases. For example, Clark Energy only added 557 customers over a ten-year period, equating to a levelized growth rate of approximately 0.21% per year. Annual energy sales have also remained essentially flat. In 2009, Clark Energy had approximately 444,405.3 in total MWh purchases from East Kentucky Power Cooperative, Inc. In 2019, Clark Energy purchased approximately 451,191.8 MWh. With little growth, it is difficult to offset the normal inflationary pressures of commerce that tend to drive operating expenses up over time.

Nevertheless, Clark Energy has been diligent in looking for ways to serve customers more efficiently. In Case No. 2016-00220, the Commission granted a Certificate of Public Convenience

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and Necessity to install an advanced metering infrastructure (“AMI”) system.¹ The AMI system allows the Cooperative to be more efficient in managing customer accounts while also providing customers with expanded service offerings such as Pre-Pay accounts, which Clark Energy implemented as part of Case No. 2019-00011.²

Clark Energy has worked hard to mitigate cost increases across all areas of its business, as evidenced by the length of time between general rate adjustments. The Cooperative has also been assisted by virtue of EKPC not raising rates for several years.

Please also see generally the testimony of Mr. Brewer and Ms. Eades, provided as Exhibits 7 and 8 to the Application.

¹ See *In the Matter of the Application of Clark Energy Cooperative, Inc. or a Certificate of Public Convenience and Necessity to Install an Advanced Metering Infrastructure (AMI) System*, Order, Case No. 2016-00220 (Ky. P.S.C. Dec. 22, 2016).

² See *In the Matter of the Application of Clark Energy Cooperative, Inc. for Approval of a Prepaid Metering Tariff*, Order, Case No. 2019-00011 (Ky. P.S.C. July 10, 2019).

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Exhibit 21

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

The estimated dates for drawdowns of unadvanced loan funds at test-year-end and the proposed uses of these funds

Response:

At the conclusion of the test year, Clark Energy had \$8 million in unadvanced loan funds available. Clark Energy drew \$3 million of FFB loan funds in March, 2020 and anticipates to drawdown another \$2 million in late 2020 if required. Loan funds are drawn to cover costs of Clark Energy's construction work plan.

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Exhibit 22

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

A general statement identifying any electric property or plant held for future use

Response:

Clark Energy has no electric property or plant held for future use.

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Exhibit 23

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

The calculation of normalized depreciation expense (test-year end plant account balance multiplied by depreciation rate)

Response:

Please see the testimony of John Wolfram provided at Exhibit 9 and, in particular, Exhibit JW-2 (Reference Schedule 1.07) thereof.

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Exhibit 24

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly Eades

Description of Filing Requirement:

Any changes that occurred during the test year to the Distribution Cooperative's written policies on the compensation of its attorneys, auditors, and all other professional service providers, indicating the effective date and reason for these changes

Response:

There were no changes to any of these policies during the test year.

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Exhibit 25

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades and John Wolfram

Description of Filing Requirement:

A schedule of the Distribution Cooperative's standard directors' fees, per diems, and other compensation in effect during the test year. Include a description of any changes that occurred during the test year to the Distribution Cooperative's written policies specifying the compensation of directors, indicating the effective date and reason for any change.

Response:

A schedule of Clark Energy's directors' fees, per diems, and other compensation in effect during the test year is included in the testimony of John Wolfram provided at Exhibit 9 and, in particular, Exhibit JW-2 (Schedule 1.09) thereof. A copy of the Clark Energy Board of Directors Compensation Policy (Board Policy 106) is attached. There were no changes that occurred during the test year to Clark Energy's written policies specifying the compensation of its directors.

Clark Energy - 2019 Director Expenses

Director	Date	Description	Amount	Include	Exclude
930.40 ROBERT RUSSELL/DIRECTOR	1/15/2019	EXPENSES-CFC WORKSHOP			385.86
930.40 ROBERT RUSSELL/DIRECTOR	1/15/2019	PER DIEM-CFC WORKSHOP			600.00
930.40 ROBERT RUSSELL/DIRECTOR	1/24/2019	BOARD FEE	700.00	Include	
930.40 ROBERT RUSSELL/DIRECTOR	1/24/2019	PER DIEM-BD MTG	300.00	Include	
930.40 ROBERT RUSSELL/DIRECTOR	1/31/2019	NRECA ANNUAL MTG	725.00	Include	
930.41 JAMES M WELLS/DIRECTOR	1/15/2019	EXPENSES-CFC WORKSHOP			354.72
930.41 JAMES M WELLS/DIRECTOR	1/15/2019	PER DIEM-CFC WORKSHOP			600.00
930.41 JAMES M WELLS/DIRECTOR	1/24/2019	BOARD FEE	700.00	Include	
930.41 JAMES M WELLS/DIRECTOR	1/24/2019	PER DIEM-BD MTG	300.00	Include	
930.41 JAMES M WELLS/DIRECTOR	1/31/2019	NRECA ANNUAL MTG	725.00	Include	
930.42 STEVE HALE/DIRECTOR	1/15/2019	EXPENSES-CFC WORKSHOP			350.00
930.42 STEVE HALE/DIRECTOR	1/15/2019	PER DIEM-CFC WORKSHOP			600.00
930.42 STEVE HALE/DIRECTOR	1/24/2019	BOARD FEE	700.00	Include	
930.42 STEVE HALE/DIRECTOR	1/24/2019	PER DIEM-BD MTG	300.00	Include	
930.43 WALTER BALLARD JR/DIRECTOR	1/15/2019	EXPENSES-CFC WORKSHOP			436.61
930.43 WALTER BALLARD JR/DIRECTOR	1/15/2019	PER DIEM-CFC WORKSHOP			600.00
930.43 WALTER BALLARD JR/DIRECTOR	1/24/2019	BOARD FEE	700.00	Include	
930.43 WALTER BALLARD JR/DIRECTOR	1/24/2019	PER DIEM-BD MTG	300.00	Include	
930.45 LINVILLE GALE MEANS/DIRECTOR	1/15/2019	EXPENSES-CFC WORKSHOP			379.71
930.45 LINVILLE GALE MEANS/DIRECTOR	1/15/2019	PER DIEM-CFC WORKSHOP			600.00
930.45 LINVILLE GALE MEANS/DIRECTOR	1/24/2019	BOARD FEE	700.00	Include	
930.45 LINVILLE GALE MEANS/DIRECTOR	1/24/2019	PER DIEM-BD MTG	300.00	Include	
930.45 LINVILLE GALE MEANS/DIRECTOR	1/31/2019	NRECA ANNUAL MTG	725.00	Include	
930.46 WILLIAM P. SHEARER/DIRECTOR	1/24/2019	BOARD FEE	700.00	Include	
930.46 WILLIAM P. SHEARER/DIRECTOR	1/24/2019	PER DIEM-BD MTG	300.00	Include	
930.47 ALLEN PATRICK/DIRECTOR	1/15/2019	EXPENSES-CFC WORKSHOP			367.35
930.47 ALLEN PATRICK/DIRECTOR	1/15/2019	PER DIEM-CFC WORKSHOP			600.00
930.47 ALLEN PATRICK/DIRECTOR	1/24/2019	BOARD FEE	700.00	Include	
930.47 ALLEN PATRICK/DIRECTOR	1/24/2019	PER DIEM-BD MTG	300.00	Include	
930.49 DEWEY HOLLON/DIRECTOR	1/24/2019	BOARD FEE	700.00	Include	
930.49 DEWEY HOLLON/DIRECTOR	1/24/2019	PER DIEM-BD MTG	300.00	Include	
930.50 OH CAUDILL JR/DIRECTOR	1/15/2019	EXPENSES-CFC WORKSHOP			321.00
930.50 OH CAUDILL JR/DIRECTOR	1/15/2019	PER DIEM-CFC WORKSHOP			600.00
930.50 OH CAUDILL JR/DIRECTOR	1/24/2019	BOARD FEE	700.00	Include	
930.50 OH CAUDILL JR/DIRECTOR	1/24/2019	PER DIEM-BD MTG	300.00	Include	
			<u>11,175.00</u>		<u>6,795.25</u>
930.40 ROBERT RUSSELL/DIRECTOR	2/21/2019	BOARD FEE	700.00	Include	
930.40 ROBERT RUSSELL/DIRECTOR	2/21/2019	PER DIEM-BD MTG	300.00	Include	
930.40 ROBERT RUSSELL/DIRECTOR	2/21/2019	EXPENSES-NRECA ANNUAL MEETING			2,000.00
930.40 ROBERT RUSSELL/DIRECTOR	2/21/2019	PER DIEM-NRECA ANNUAL MEETING			1,500.00
930.40 ROBERT RUSSELL/DIRECTOR	2/28/2019	EXPENSES-MILEAGE/FRANKFORT LEGISLATIVE			61.48
930.40 ROBERT RUSSELL/DIRECTOR	2/28/2019	PER DIEM-FRANKFORT/LEGISLATIVE RECEPTION			300.00
930.40 ROBERT RUSSELL/DIRECTOR	2/28/2019	NRECA ANNUAL MTG/HOTEL DEPOSIT			322.88
930.41 JAMES M WELLS/DIRECTOR	2/21/2019	BOARD FEE	700.00	Include	
930.41 JAMES M WELLS/DIRECTOR	2/21/2019	PER DIEM-BD MTG	300.00	Include	
930.41 JAMES M WELLS/DIRECTOR	2/28/2019	NRECA ANNUAL MTG/REFUND			(650.00)
930.42 STEVE HALE/DIRECTOR	2/21/2019	BOARD FEE	700.00	Include	
930.42 STEVE HALE/DIRECTOR	2/21/2019	PER DIEM-BD MTG	300.00	Include	
930.43 WALTER BALLARD JR/DIRECTOR	2/21/2019	BOARD FEE	700.00	Include	
930.45 LINVILLE GALE MEANS/DIRECTOR	2/21/2019	BOARD FEE	700.00	Include	
930.45 LINVILLE GALE MEANS/DIRECTOR	2/21/2019	PER DIEM-BD MTG	300.00	Include	
930.45 LINVILLE GALE MEANS/DIRECTOR	2/21/2019	EXPENSES-NRECA ANNUAL MEETING			2,000.00
930.45 LINVILLE GALE MEANS/DIRECTOR	2/21/2019	PER DIEM-NRECA ANNUAL MEETING			1,500.00
930.45 LINVILLE GALE MEANS/DIRECTOR	2/28/2019	EXPENSES-FRANKFORT LEGISLATIVE RECEPTION			87.00
930.45 LINVILLE GALE MEANS/DIRECTOR	2/28/2019	PER DIEM-FRANKFORT LEGISLATIVE RECEPTION			300.00
930.45 LINVILLE GALE MEANS/DIRECTOR	2/28/2019	NRECA ANNUAL MTG/HOTEL DEPOSIT			322.88
930.46 WILLIAM P. SHEARER/DIRECTOR	2/21/2019	BOARD FEE	700.00	Include	
930.46 WILLIAM P. SHEARER/DIRECTOR	2/21/2019	PER DIEM-BD MTG	300.00	Include	

Witnesses: Holly S. Fades and John Wolfram

930.47 ALLEN PATRICK/DIRECTOR	2/21/2019	BOARD FEE	700.00	Include
930.47 ALLEN PATRICK/DIRECTOR	2/21/2019	PER DIEM-BD MTG	300.00	Include
930.49 DEWEY HOLLON/DIRECTOR	2/21/2019	BOARD FEE	700.00	Include
930.49 DEWEY HOLLON/DIRECTOR	2/21/2019	PER DIEM-BD MTG	300.00	Include
930.50 OH CAUDILL JR/DIRECTOR	2/21/2019	BOARD FEE	700.00	Include
930.50 OH CAUDILL JR/DIRECTOR	2/21/2019	PER DIEM-BD MTG	300.00	Include
			<u>8,700.00</u>	<u>7,744.24</u>
930.40 ROBERT RUSSELL/DIRECTOR	3/14/2019	BOARD FEE	700.00	Include
930.40 ROBERT RUSSELL/DIRECTOR	3/14/2019	PER DIEM-BD MTG	300.00	Include
930.40 ROBERT RUSSELL/DIRECTOR	3/28/2019	ADDITIONAL EXPENSES/NRECA ANNUAL MTG		100.82 Exclude
930.41 JAMES M WELLS/DIRECTOR	3/14/2019	BOARD FEE	700.00	Include
930.41 JAMES M WELLS/DIRECTOR	3/14/2019	PER DIEM-BD MTG	300.00	Include
930.42 STEVE HALE/DIRECTOR	3/14/2019	BOARD FEE	700.00	Include
930.42 STEVE HALE/DIRECTOR	3/14/2019	PER DIEM-BD MTG	300.00	Include
930.43 WALTER BALLARD JR/DIRECTOR	3/14/2019	BOARD FEE	700.00	Include
930.43 WALTER BALLARD JR/DIRECTOR	3/14/2019	PER DIEM-BD MTG	300.00	Include
930.45 LINVILLE GALE MEANS/DIRECTOR	3/14/2019	BOARD FEE	700.00	Include
930.45 LINVILLE GALE MEANS/DIRECTOR	3/14/2019	PER DIEM-BD MTG	300.00	Include
930.45 LINVILLE GALE MEANS/DIRECTOR	3/26/2019	ADDITIONAL EXP/NRECA ANNUAL MTG		401.17 Exclude
930.46 WILLIAM P. SHEARER/DIRECTOR	3/14/2019	BOARD FEE	700.00	Include
930.46 WILLIAM P. SHEARER/DIRECTOR	3/14/2019	PER DIEM-BD MTG	300.00	Include
930.47 ALLEN PATRICK/DIRECTOR	3/14/2019	BOARD FEE	700.00	Include
930.47 ALLEN PATRICK/DIRECTOR	3/14/2019	PER DIEM-BD MTG	300.00	Include
930.49 DEWEY HOLLON/DIRECTOR	3/14/2019	BOARD FEE	700.00	Include
930.49 DEWEY HOLLON/DIRECTOR	3/14/2019	PER DIEM-BD MTG	300.00	Include
930.50 OH CAUDILL JR/DIRECTOR	3/14/2019	BOARD FEE	700.00	Include
930.50 OH CAUDILL JR/DIRECTOR	3/14/2019	PER DIEM-BD MTG	300.00	Include
			<u>9,000.00</u>	<u>501.99</u>
930.40 ROBERT RUSSELL/DIRECTOR	4/23/2019	BOARD FEE	700.00	Include
930.40 ROBERT RUSSELL/DIRECTOR	4/23/2019	PER DIEM-BD MTG	300.00	Include
930.41 JAMES M WELLS/DIRECTOR	4/23/2019	BOARD FEE	700.00	Include
930.41 JAMES M WELLS/DIRECTOR	4/23/2019	PER DIEM-BD MTG	300.00	Include
930.42 STEVE HALE/DIRECTOR	4/23/2019	BOARD FEE	700.00	Include
930.42 STEVE HALE/DIRECTOR	4/23/2019	PER DIEM-BD MTG	300.00	Include
930.43 WALTER BALLARD JR/DIRECTOR	4/23/2019	BOARD FEE	700.00	Include
930.43 WALTER BALLARD JR/DIRECTOR	4/23/2019	PER DIEM-BD MTG	300.00	Include
930.45 LINVILLE GALE MEANS/DIRECTOR	4/23/2019	BOARD FEE	700.00	Include
930.45 LINVILLE GALE MEANS/DIRECTOR	4/23/2019	PER DIEM-BD MTG	300.00	Include
930.46 WILLIAM P. SHEARER/DIRECTOR	4/23/2019	BOARD FEE	700.00	Include
930.46 WILLIAM P. SHEARER/DIRECTOR	4/23/2019	PER DIEM-BD MTG	300.00	Include
930.47 ALLEN PATRICK/DIRECTOR	4/23/2019	BOARD FEE	700.00	Include
930.47 ALLEN PATRICK/DIRECTOR	4/23/2019	PER DIEM-BD MTG	300.00	Include
930.49 DEWEY HOLLON/DIRECTOR	4/23/2019	BOARD FEE	700.00	Include
930.49 DEWEY HOLLON/DIRECTOR	4/23/2019	PER DIEM-BD MTG	300.00	Include
930.50 OH CAUDILL JR/DIRECTOR	4/23/2019	BOARD FEE	700.00	Include
930.50 OH CAUDILL JR/DIRECTOR	4/23/2019	PER DIEM-BD MTG	300.00	Include
			<u>9,000.00</u>	
930.40 ROBERT RUSSELL/DIRECTOR	5/21/2019	BOARD FEE	700.00	Include
930.40 ROBERT RUSSELL/DIRECTOR	5/21/2019	PER DIEM-BD MTG	300.00	Include
930.41 JAMES M WELLS/DIRECTOR	5/21/2019	BOARD FEE	700.00	Include
930.41 JAMES M WELLS/DIRECTOR	5/21/2019	PER DIEM-BD MTG	300.00	Include
930.41 JAMES M WELLS/DIRECTOR	5/23/2019	EXPENSES-NRECA SUMMER SCHOOL		1,830.00 Exclude
930.41 JAMES M WELLS/DIRECTOR	5/23/2019	PER DIEM/NRECA SUMMER SCHOOL		900.00 Exclude
930.41 JAMES M WELLS/DIRECTOR	5/31/2019	NRECA SUMMER SCHOOL	1,479.00	Include
930.42 STEVE HALE/DIRECTOR	5/21/2019	BOARD FEE	700.00	Include
930.42 STEVE HALE/DIRECTOR	5/21/2019	PER DIEM-BD MTG	300.00	Include
930.43 WALTER BALLARD JR/DIRECTOR	5/21/2019	BOARD FEE	700.00	Include
930.45 LINVILLE GALE MEANS/DIRECTOR	5/21/2019	BOARD FEE	700.00	Include
930.45 LINVILLE GALE MEANS/DIRECTOR	5/21/2019	PER DIEM-BD MTG	300.00	Include
930.46 WILLIAM P. SHEARER/DIRECTOR	5/21/2019	BOARD FEE	700.00	Include

930.46	WILLIAM P. SHEARER/DIRECTOR	5/21/2019	PER DIEM-BD MTG	300.00	Include
930.47	ALLEN PATRICK/DIRECTOR	5/21/2019	BOARD FEE	700.00	Include
930.47	ALLEN PATRICK/DIRECTOR	5/21/2019	PER DIEM-BD MTG	300.00	Include
930.47	ALLEN PATRICK/DIRECTOR	5/23/2019	EXPENSES-NRECA SUMMER SCHOOL		1,630.00 Exclude
930.47	ALLEN PATRICK/DIRECTOR	5/23/2019	PER DIEM-NRECA SUMMER SCHOOL		900.00 Exclude
930.47	ALLEN PATRICK/DIRECTOR	5/31/2019	NRECA SUMMER SCHOOL	1,238.00	Include
930.49	DEWEY HOLLON/DIRECTOR	5/21/2019	BOARD FEE	700.00	Include
930.49	DEWEY HOLLON/DIRECTOR	5/21/2019	PER DIEM-BD MTG	300.00	Include
930.50	OH CAUDILL JR/DIRECTOR	5/21/2019	BOARD FEE	700.00	Include
930.50	OH CAUDILL JR/DIRECTOR	5/21/2019	PER DIEM-BD MTG	300.00	Include
				<u>11,417.00</u>	<u>5,260.00</u>
930.40	ROBERT RUSSELL/DIRECTOR	6/18/2019	BOARD FEE	700.00	Include
930.40	ROBERT RUSSELL/DIRECTOR	6/18/2019	PER DIEM-BD MTG	300.00	Include
930.41	JAMES M WELLS/DIRECTOR	6/18/2019	BOARD FEE	700.00	Include
930.41	JAMES M WELLS/DIRECTOR	6/18/2019	PER DIEM-BD MTG	300.00	Include
930.41	JAMES M WELLS/DIRECTOR	6/30/2019	EXPENSES-NRECA SUMMER SCHOOL		68.07 Exclude
930.41	JAMES M WELLS/DIRECTOR	6/30/2019	PER DIEM-EKP ANNUAL MTG	300.00	Include
930.42	STEVE HALE/DIRECTOR	6/18/2019	BOARD FEE	700.00	Include
930.42	STEVE HALE/DIRECTOR	6/18/2019	PER DIEM-BD MTG	300.00	Include
930.42	STEVE HALE/DIRECTOR	6/30/2019	KAEC MTG		22.50 Exclude
930.43	WALTER BALLARD JR/DIRECTOR	6/18/2019	BOARD FEE	700.00	Include
930.43	WALTER BALLARD JR/DIRECTOR	6/18/2019	PER DIEM-BD MTG	300.00	Include
930.43	WALTER BALLARD JR/DIRECTOR	6/30/2019	EXPENSES/MILEAGE/EKP ANNUAL MTG	42.34	Include
930.43	WALTER BALLARD JR/DIRECTOR	6/30/2019	PER DIEM-EKP ANNUAL MTG	300.00	Include
930.45	LINVILLE GALE MEANS/DIRECTOR	6/18/2019	BOARD FEE	700.00	Include
930.45	LINVILLE GALE MEANS/DIRECTOR	6/18/2019	PER DIEM-BD MTG	300.00	Include
930.46	WILLIAM P. SHEARER/DIRECTOR	6/18/2019	BOARD FEE	700.00	Include
930.46	WILLIAM P. SHEARER/DIRECTOR	6/18/2019	PER DIEM-BD MTG	300.00	Include
930.47	ALLEN PATRICK/DIRECTOR	6/18/2019	BOARD FEE	700.00	Include
930.47	ALLEN PATRICK/DIRECTOR	6/18/2019	PER DIEM-BD MTG	300.00	Include
930.49	DEWEY HOLLON/DIRECTOR	6/18/2019	BOARD FEE	700.00	Include
930.49	DEWEY HOLLON/DIRECTOR	6/18/2019	PER DIEM-BD MTG	300.00	Include
930.50	OH CAUDILL JR/DIRECTOR	6/18/2019	BOARD FEE	700.00	Include
930.50	OH CAUDILL JR/DIRECTOR	6/18/2019	PER DIEM-BD MTG	300.00	Include
				<u>9,642.34</u>	<u>90.57</u>
930.40	ROBERT RUSSELL/DIRECTOR	7/25/2019	BOARD FEE	700.00	Include
930.40	ROBERT RUSSELL/DIRECTOR	7/25/2019	PER DIEM-BD MTG	300.00	Include
930.41	JAMES M WELLS/DIRECTOR	7/25/2019	BOARD FEE	700.00	Include
930.41	JAMES M WELLS/DIRECTOR	7/25/2019	PER DIEM-BD MTG	300.00	Include
930.42	STEVE HALE/DIRECTOR	7/25/2019	BOARD FEE	700.00	Include
930.42	STEVE HALE/DIRECTOR	7/25/2019	PER DIEM-BD MTG	300.00	Include
930.43	WALTER BALLARD JR/DIRECTOR	7/25/2019	BOARD FEE	700.00	Include
930.43	WALTER BALLARD JR/DIRECTOR	7/25/2019	PER DIEM-BD MTG	300.00	Include
930.43	WALTER BALLARD JR/DIRECTOR	7/25/2019	EXPENSES-NRECA SUMMER SCHOOL		1,750.00 Exclude
930.43	WALTER BALLARD JR/DIRECTOR	7/25/2019	PER DIEM-NRECA SUMMER SCHOOL		900.00 Exclude
930.43	WALTER BALLARD JR/DIRECTOR	7/31/2019	NRECA SUMMER SCHOOL	1,238.00	Include
930.45	LINVILLE GALE MEANS/DIRECTOR	7/25/2019	BOARD FEE	700.00	Include
930.45	LINVILLE GALE MEANS/DIRECTOR	7/25/2019	PER DIEM-BD MTG	300.00	Include
930.45	LINVILLE GALE MEANS/DIRECTOR	7/31/2019	PER DIEM-EKP ANNUAL MTG	300.00	Include
930.46	WILLIAM P. SHEARER/DIRECTOR	7/25/2019	BOARD FEE	700.00	Include
930.46	WILLIAM P. SHEARER/DIRECTOR	7/25/2019	PER DIEM-BD MTG	300.00	Include
930.47	ALLEN PATRICK/DIRECTOR	7/25/2019	BOARD FEE	700.00	Include
930.47	ALLEN PATRICK/DIRECTOR	7/25/2019	PER DIEM-BD MTG	300.00	Include
930.47	ALLEN PATRICK/DIRECTOR	7/30/2019	REIMBURSE EXPENSES/SUMMER SCHOOL		(169.52) Exclude
930.49	DEWEY HOLLON/DIRECTOR	7/25/2019	BOARD FEE	700.00	Include
930.49	DEWEY HOLLON/DIRECTOR	7/25/2019	PER DIEM-BD MTG	300.00	Include
930.50	OH CAUDILL JR/DIRECTOR	7/25/2019	BOARD FEE	700.00	Include
930.50	OH CAUDILL JR/DIRECTOR	7/25/2019	PER DIEM-BD MTG	300.00	Include
				<u>10,538.00</u>	<u>2,480.48</u>
930.40	ROBERT RUSSELL/DIRECTOR	8/22/2019	BOARD FEE	700.00	Include

Witnesses: Holly S. Fades and John Wolfram

930.40	ROBERT RUSSELL/DIRECTOR	8/22/2019	PER DIEM-BD MTG	300.00	Include
930.41	JAMES M WELLS/DIRECTOR	8/22/2019	BOARD FEE	700.00	Include
930.41	JAMES M WELLS/DIRECTOR	8/22/2019	PER DIEM-BD MTG	300.00	Include
930.42	STEVE HALE/DIRECTOR	8/22/2019	BOARD FEE	700.00	Include
930.42	STEVE HALE/DIRECTOR	8/22/2019	PER DIEM-BD MTG	300.00	Include
930.42	STEVE HALE/DIRECTOR	8/31/2019	KAEC MTG		26.00 Exclude
930.43	WALTER BALLARD JR/DIRECTOR	8/22/2019	BOARD FEE	700.00	Include
930.43	WALTER BALLARD JR/DIRECTOR	8/22/2019	PER DIEM-BD MTG	300.00	Include
930.45	LINVILLE GALE MEANS/DIRECTOR	8/22/2019	BOARD FEE	700.00	Include
930.45	LINVILLE GALE MEANS/DIRECTOR	8/22/2019	PER DIEM-BD MTG	300.00	Include
930.46	WILLIAM P. SHEARER/DIRECTOR	8/22/2019	BOARD FEE	700.00	Include
930.46	WILLIAM P. SHEARER/DIRECTOR	8/22/2019	PER DIEM-BD MTG	300.00	Include
930.47	ALLEN PATRICK/DIRECTOR	8/22/2019	BOARD FEE	700.00	Include
930.47	ALLEN PATRICK/DIRECTOR	8/22/2019	PER DIEM-BD MTG	300.00	Include
930.49	DEWEY HOLLON/DIRECTOR	8/22/2019	BOARD FEE	700.00	Include
930.49	DEWEY HOLLON/DIRECTOR	8/22/2019	PER DIEM-BD MTG	300.00	Include
930.50	OH CAUDILL JR/DIRECTOR	8/22/2019	BOARD FEE	700.00	Include
930.50	OH CAUDILL JR/DIRECTOR	8/22/2019	PER DIEM-BD MTG	300.00	Include
				<hr/>	
				9,000.00	26.00

Witnesses: Holly S. Fades and John Wolfram

930.40	ROBERT RUSSELL/DIRECTOR	9/19/2019	BOARD FEE	700.00	Include
930.40	ROBERT RUSSELL/DIRECTOR	9/19/2019	PER DIEM-BD MTG	300.00	include
930.40	ROBERT RUSSELL/DIRECTOR	9/19/2019	EXPENSES-NRECA REGIONAL MEETING		520.00 Exclude
930.40	ROBERT RUSSELL/DIRECTOR	9/19/2019	PER DIEM-NRECA REGIONAL MEETING		600.00 Exclude
930.40	ROBERT RUSSELL/DIRECTOR	9/24/2019	DIRECTORS TRAINING/KAEC		50.00 Exclude
930.40	ROBERT RUSSELL/DIRECTOR	9/30/2019	NRECA REG MTG	485.00	Include
930.41	JAMES M WELLS/DIRECTOR	9/19/2019	BOARD FEE	700.00	Include
930.41	JAMES M WELLS/DIRECTOR	9/19/2019	PER DIEM-BD MTG	300.00	Include
930.41	JAMES M WELLS/DIRECTOR	9/19/2019	EXPENSES-NRECA REGIONAL MEETING		520.00 Exclude
930.41	JAMES M WELLS/DIRECTOR	9/19/2019	PER DIEM-NRECA REGIONAL MEETING		600.00 Exclude
930.41	JAMES M WELLS/DIRECTOR	9/24/2019	EXPENSES-MILEAGE KAEC TRAINING		127.50 Exclude
930.41	JAMES M WELLS/DIRECTOR	9/24/2019	PER DIEM-KAEC COMMUNICATION TRAINING		300.00 Exclude
930.41	JAMES M WELLS/DIRECTOR	9/24/2019	DIRECTORS TRAINING/KAEC		50.00 Exclude
930.41	JAMES M WELLS/DIRECTOR	9/30/2019	NRECA REG MTG	485.00	Include
930.42	STEVE HALE/DIRECTOR	9/19/2019	BOARD FEE	700.00	Include
930.42	STEVE HALE/DIRECTOR	9/19/2019	PER DIEM-BD MTG	300.00	Include
930.42	STEVE HALE/DIRECTOR	9/19/2019	EXPENSES-NRECA REGIONAL MEETING		520.00 Exclude
930.42	STEVE HALE/DIRECTOR	9/19/2019	PER DIEM-NRECA REGIONAL MEETING		600.00 Exclude
930.42	STEVE HALE/DIRECTOR	9/24/2019	DIRECTORS TRAINING/KAEC		50.00 Exclude
930.42	STEVE HALE/DIRECTOR	9/30/2019	EXPENSES-KAEC COMMUNICATION MTG		259.06 Exclude
930.42	STEVE HALE/DIRECTOR	9/30/2019	PER DIEM-KAEC COMMUNICATION MTG		300.00 Exclude
930.42	STEVE HALE/DIRECTOR	9/30/2019	NRECA REG MTG	485.00	Include
930.43	WALTER BALLARD JR/DIRECTOR	9/19/2019	BOARD FEE	700.00	Include
930.43	WALTER BALLARD JR/DIRECTOR	9/19/2019	PER DIEM-BD MTG	300.00	Include
930.43	WALTER BALLARD JR/DIRECTOR	9/19/2019	EXPENSES-NRECA REGIONAL MEETING		520.00 Exclude
930.43	WALTER BALLARD JR/DIRECTOR	9/19/2019	PER DIEM-NRECA REGIONAL MEETING		600.00 Exclude
930.43	WALTER BALLARD JR/DIRECTOR	9/24/2019	DIRECTORS TRAINING/KAEC		50.00 Exclude
930.43	WALTER BALLARD JR/DIRECTOR	9/30/2019	NRECA REG MTG	485.00	Include
930.45	LINVILLE GALE MEANS/DIRECTOR	9/19/2019	BOARD FEE	700.00	Include
930.45	LINVILLE GALE MEANS/DIRECTOR	9/19/2019	PER DIEM-BD MTG	300.00	Include
930.45	LINVILLE GALE MEANS/DIRECTOR	9/24/2019	DIRECTORS TRAINING/KAEC		50.00 Exclude
930.45	LINVILLE GALE MEANS/DIRECTOR	9/30/2019	PER DIEM-KAEC COMMUNICATION MTG		300.00 Exclude
930.46	WILLIAM P. SHEARER/DIRECTOR	9/19/2019	BOARD FEE	700.00	Include
930.46	WILLIAM P. SHEARER/DIRECTOR	9/19/2019	PER DIEM-BD MTG	300.00	Include
930.46	WILLIAM P. SHEARER/DIRECTOR	9/19/2019	EXPENSES-NRECA REGIONAL MEETING		520.00 Exclude
930.46	WILLIAM P. SHEARER/DIRECTOR	9/19/2019	PER DIEM-NRECA REGIONAL MEETING		600.00 Exclude
930.46	WILLIAM P. SHEARER/DIRECTOR	9/30/2019	LUNCH MTG		14.25 Exclude
930.46	WILLIAM P. SHEARER/DIRECTOR	9/30/2019	NRECA REG MTG	485.00	Include
930.47	ALLEN PATRICK/DIRECTOR	9/19/2019	BOARD FEE	700.00	Include
930.47	ALLEN PATRICK/DIRECTOR	9/19/2019	PER DIEM-BD MTG	300.00	Include
930.47	ALLEN PATRICK/DIRECTOR	9/19/2019	EXPENSES-NRECA REGIONAL MEETING		520.00 Exclude
930.47	ALLEN PATRICK/DIRECTOR	9/19/2019	PER DIEM-NRECA REGIONAL MEETING		600.00 Exclude

Witnesses: Holly S. Fades and John Wolfram

930.47 ALLEN PATRICK/DIRECTOR	9/30/2019	NRECA REG MTG	485.00	Include
930.49 DEWEY HOLLON/DIRECTOR	9/19/2019	BOARD FEE	700.00	Include
930.49 DEWEY HOLLON/DIRECTOR	9/19/2019	PER DIEM-BD MTG	300.00	Include
930.50 OH CAUDILL JR/DIRECTOR	9/19/2019	BOARD FEE	700.00	Include
930.50 OH CAUDILL JR/DIRECTOR	9/19/2019	PER DIEM-BD MTG	300.00	Include
930.50 OH CAUDILL JR/DIRECTOR	9/19/2019	EXPENSES-NRECA REGIONAL MEETING		520.00 Exclude
930.50 OH CAUDILL JR/DIRECTOR	9/19/2019	PER DIEM-NRECA REGIONAL MEETING		600.00 Exclude
930.50 OH CAUDILL JR/DIRECTOR	9/24/2019	DIRECTORS TRAINING/KAEC		50.00 Exclude
930.50 OH CAUDILL JR/DIRECTOR	9/30/2019	NRECA REG MTG		485.00 Exclude
			<hr/>	
			11,910.00	9,925.91

930.40 ROBERT RUSSELL/DIRECTOR	10/24/2019	BOARD FEE	700.00	Include
930.40 ROBERT RUSSELL/DIRECTOR	10/24/2019	PER DIEM-BD MTG	300.00	Include
930.40 ROBERT RUSSELL/DIRECTOR	10/31/2019	PER DIEM/COMMUNICATION TRAINING		300.00 Exclude
930.40 ROBERT RUSSELL/DIRECTOR	10/31/2019	EXPENSES-NRECA REGIONAL MTG		161.50 Exclude
930.41 JAMES M WELLS/DIRECTOR	10/24/2019	BOARD FEE	700.00	Include
930.41 JAMES M WELLS/DIRECTOR	10/24/2019	PER DIEM-BD MTG	300.00	Include
930.41 JAMES M WELLS/DIRECTOR	10/24/2019	EXPENSES-NRECA REGIONAL MTG		170.90 Exclude
930.41 JAMES M WELLS/DIRECTOR	10/31/2019	NRECA REGIONAL MTG MEAL		98.05 Exclude
930.41 JAMES M WELLS/DIRECTOR	10/31/2019	NRECA REG/GAYLORD HOTEL DEP		1,473.11 Exclude
930.42 STEVE HALE/DIRECTOR	10/16/2019	EXPENSES-NRECA REGIONAL MEETING		148.38 Exclude
930.42 STEVE HALE/DIRECTOR	10/24/2019	BOARD FEE	700.00	Include
930.42 STEVE HALE/DIRECTOR	10/24/2019	PER DIEM-BD MTG	300.00	Include
930.42 STEVE HALE/DIRECTOR	10/31/2019	NRECA REGIONAL MTG MEAL		98.05 Exclude
930.42 STEVE HALE/DIRECTOR	10/31/2019	NRECA REG/GAYLORD HOTEL DEP		1,473.11 Exclude
930.43 WALTER BALLARD JR/DIRECTOR	10/24/2019	BOARD FEE	700.00	Include
930.43 WALTER BALLARD JR/DIRECTOR	10/24/2019	PER DIEM-BD MTG	300.00	Include
930.43 WALTER BALLARD JR/DIRECTOR	10/31/2019	NRECA REGIONAL MTG MEAL		98.05 Exclude
930.43 WALTER BALLARD JR/DIRECTOR	10/31/2019	NRECA REG/GAYLORD HOTEL DEP		1,473.11 Exclude
930.43 WALTER BALLARD JR/DIRECTOR	10/31/2019	EXPENSES-NRECA REGIONAL MTG		138.90 Exclude
930.45 LINVILLE GALE MEANS/DIRECTOR	10/24/2019	BOARD FEE	700.00	Include
930.45 LINVILLE GALE MEANS/DIRECTOR	10/24/2019	PER DIEM-BD MTG	300.00	Include
930.45 LINVILLE GALE MEANS/DIRECTOR	10/31/2019	NRECA REG/GAYLORD HOTEL DEP		1,473.11 Exclude
930.46 WILLIAM P. SHEARER/DIRECTOR	10/24/2019	BOARD FEE	700.00	Include
930.46 WILLIAM P. SHEARER/DIRECTOR	10/24/2019	PER DIEM-BD MTG	300.00	Include
930.46 WILLIAM P. SHEARER/DIRECTOR	10/30/2019	EXPENSES-NRECA REGIONAL MTG		68.29 Exclude
930.46 WILLIAM P. SHEARER/DIRECTOR	10/31/2019	NRECA REGIONAL MTG MEAL		98.05 Exclude
930.47 ALLEN PATRICK/DIRECTOR	10/24/2019	BOARD FEE	700.00	Include
930.47 ALLEN PATRICK/DIRECTOR	10/24/2019	PER DIEM-BD MTG	300.00	Include
930.47 ALLEN PATRICK/DIRECTOR	10/30/2019	EXPENSES-NRECA REGIONAL MEETING		207.74 Exclude
930.47 ALLEN PATRICK/DIRECTOR	10/31/2019	NRECA REGIONAL MTG MEAL		98.05 Exclude
930.49 DEWEY HOLLON/DIRECTOR	10/24/2019	BOARD FEE	700.00	Include
930.49 DEWEY HOLLON/DIRECTOR	10/24/2019	PER DIEM-BD MTG	300.00	Include
930.50 OH CAUDILL JR/DIRECTOR	10/24/2019	BOARD FEE	700.00	Include
930.50 OH CAUDILL JR/DIRECTOR	10/24/2019	PER DIEM-BD MTG	300.00	Include
930.50 OH CAUDILL JR/DIRECTOR	10/30/2019	EXPENSES-NRECA REGIONAL MTG		132.60 Exclude
930.50 OH CAUDILL JR/DIRECTOR	10/31/2019	NRECA REGIONAL MTG MEAL		98.05 Exclude
			<hr/>	
			9,000.00	7,809.05

930.40 ROBERT RUSSELL/DIRECTOR	11/21/2019	BOARD FEE	700.00	Include
930.40 ROBERT RUSSELL/DIRECTOR	11/21/2019	PER DIEM-BD MTG	300.00	Include
930.41 JAMES M WELLS/DIRECTOR	11/7/2019	EXPENSES-KAEC ANNUAL MEETING		519.54 Exclude
930.41 JAMES M WELLS/DIRECTOR	11/7/2019	PER DIEM-KAEC ANNUAL MEETING		600.00 Exclude
930.41 JAMES M WELLS/DIRECTOR	11/21/2019	BOARD FEE	700.00	Include
930.41 JAMES M WELLS/DIRECTOR	11/21/2019	PER DIEM-BD MTG	300.00	Include
930.41 JAMES M WELLS/DIRECTOR	11/21/2019	EXPENSES-NRECA WINTER SCHOOL		1,400.00 Exclude
930.41 JAMES M WELLS/DIRECTOR	11/21/2019	PER DIEM-NRECA WINTER SCHOOL		900.00 Exclude
930.41 JAMES M WELLS/DIRECTOR	11/30/2019	KAEC/DIRECTORS DINNER		206.78 Exclude
930.42 STEVE HALE/DIRECTOR	11/7/2019	EXPENSES-KAEC ANNUAL MEETING		523.02 Exclude
930.42 STEVE HALE/DIRECTOR	11/7/2019	PER DIEM-KAEC ANNUAL MEETING		600.00 Exclude
930.42 STEVE HALE/DIRECTOR	11/21/2019	BOARD FEE	700.00	Include
930.42 STEVE HALE/DIRECTOR	11/21/2019	PER DIEM-BD MTG	300.00	Include

Witnesses: Holly S. Eades and John Wolfram

930.42	STEVE HALE/DIRECTOR	11/21/2019	EXPENSES-NRECA WINTER SCHOOL		1,400.00	Exclude
930.42	STEVE HALE/DIRECTOR	11/21/2019	PER DIEM-NRECA WINTER SCHOOL		900.00	Exclude
930.42	STEVE HALE/DIRECTOR	11/30/2019	KAEC/DIRECTORS DINNER		206.78	Exclude
930.43	WALTER BALLARD JR/DIRECTOR	11/7/2019	EXPENSES-KAEC ANNUAL MEETING		607.44	Exclude
930.43	WALTER BALLARD JR/DIRECTOR	11/7/2019	PER DIEM-KAEC ANNUAL MEETING		600.00	Exclude
930.43	WALTER BALLARD JR/DIRECTOR	11/21/2019	BOARD FEE	700.00		Include
930.43	WALTER BALLARD JR/DIRECTOR	11/21/2019	PER DIEM-BD MTG	300.00		Include
930.43	WALTER BALLARD JR/DIRECTOR	11/21/2019	EXPENSES-NRECA WINTER SCHOOL		1,400.00	Exclude
930.43	WALTER BALLARD JR/DIRECTOR	11/21/2019	PER DIEM-NRECA WINTER SCHOOL		900.00	Exclude
930.43	WALTER BALLARD JR/DIRECTOR	11/30/2019	KAEC/DIRECTORS DINNER		206.78	Exclude
930.45	LINVILLE GALE MEANS/DIRECTOR	11/7/2019	EXPENSES-KAEC ANNUAL MEETING		537.98	Exclude
930.45	LINVILLE GALE MEANS/DIRECTOR	11/7/2019	PER DIEM-KAEC ANNUAL MEETING		600.00	Exclude
930.45	LINVILLE GALE MEANS/DIRECTOR	11/21/2019	BOARD FEE	700.00		Include
930.45	LINVILLE GALE MEANS/DIRECTOR	11/21/2019	PER DIEM-BD MTG	300.00		Include
930.45	LINVILLE GALE MEANS/DIRECTOR	11/21/2019	EXPENSES-NRECA WINTER SCHOOL		1,400.00	Exclude
930.45	LINVILLE GALE MEANS/DIRECTOR	11/21/2019	PER DIEM-NRECA WINTER SCHOOL		900.00	Exclude
930.45	LINVILLE GALE MEANS/DIRECTOR	11/30/2019	KAEC/DIRECTORS DINNER		206.78	Exclude
930.46	WILLIAM P. SHEARER/DIRECTOR	11/7/2019	EXPENSES-KAEC ANNUAL MEETING		516.78	Exclude
930.46	WILLIAM P. SHEARER/DIRECTOR	11/7/2019	PER DIEM-KAEC ANNUAL MEETING		600.00	Exclude
930.46	WILLIAM P. SHEARER/DIRECTOR	11/21/2019	BOARD FEE	700.00		Include
930.46	WILLIAM P. SHEARER/DIRECTOR	11/21/2019	PER DIEM-BD MTG	300.00		Include
930.46	WILLIAM P. SHEARER/DIRECTOR	11/30/2019	KAEC/DIRECTORS DINNER		206.78	Exclude
930.47	ALLEN PATRICK/DIRECTOR	11/7/2019	EXPENSES-KAEC ANNUAL		608.38	Exclude
930.47	ALLEN PATRICK/DIRECTOR	11/7/2019	PER DIEM-KAEC ANNUAL MEETING		600.00	Exclude
930.47	ALLEN PATRICK/DIRECTOR	11/21/2019	BOARD FEE	700.00		Include
930.47	ALLEN PATRICK/DIRECTOR	11/21/2019	PER DIEM-BD MTG	300.00		Include
930.47	ALLEN PATRICK/DIRECTOR	11/30/2019	KAEC/DIRECTORS DINNER		206.78	Exclude
930.49	DEWEY HOLLON/DIRECTOR	11/21/2019	BOARD FEE	700.00		Include
930.49	DEWEY HOLLON/DIRECTOR	11/21/2019	PER DIEM-BD MTG	300.00		Include
930.50	OH CAUDILL JR/DIRECTOR	11/7/2019	EXPENSES-KAEC ANNUAL MEETING		500.00	Exclude
930.50	OH CAUDILL JR/DIRECTOR	11/7/2019	PER DIEM-KAEC ANNUAL MEETING		600.00	Exclude
930.50	OH CAUDILL JR/DIRECTOR	11/21/2019	BOARD FEE	700.00		Include
930.50	OH CAUDILL JR/DIRECTOR	11/21/2019	PER DIEM-BD MTG	300.00		Include
					<hr/>	
					9,000.00	18,453.82
930.40	ROBERT RUSSELL/DIRECTOR	12/26/2019	BOARD FEE	700.00		Include
930.40	ROBERT RUSSELL/DIRECTOR	12/26/2019	PER DIEM-BD MTG	300.00		Include
930.41	JAMES M WELLS/DIRECTOR	12/26/2019	BOARD FEE	700.00		Include
930.41	JAMES M WELLS/DIRECTOR	12/31/2019	KAEC ANNUAL MEETING MEALS		180.00	Exclude
930.41	JAMES M WELLS/DIRECTOR	12/31/2019	KAEC BFAST		19.43	Exclude
930.41	JAMES M WELLS/DIRECTOR	12/26/2019	PER DIEM-BD MTG	300.00		Include
930.41	JAMES M WELLS/DIRECTOR	12/31/2019	REIMBURSE EXP/NRECA WINTER SCHOOL		(374.94)	Exclude
930.42	STEVE HALE/DIRECTOR	12/17/2019	REIMBURSE PER DIEM/KAEC ANNUAL MEETING		(250.00)	Exclude
930.42	STEVE HALE/DIRECTOR	12/26/2019	BOARD FEE	700.00		Include
930.42	STEVE HALE/DIRECTOR	12/31/2019	KAEC ANNUAL MEETING MEALS		180.00	Exclude
930.42	STEVE HALE/DIRECTOR	12/31/2019	KAEC BFAST		19.43	Exclude
930.42	STEVE HALE/DIRECTOR	12/26/2019	PER DIEM-BD MTG	300.00		Include
930.42	STEVE HALE/DIRECTOR	12/31/2019	REIMBURSE EXP/NRECA WINTER SCHOOL		(648.49)	Exclude
930.43	WALTER BALLARD JR/DIRECTOR	12/26/2019	BOARD FEE	700.00		Include
930.43	WALTER BALLARD JR/DIRECTOR	12/31/2019	KAEC ANNUAL MEETING MEALS		180.00	Exclude
930.43	WALTER BALLARD JR/DIRECTOR	12/31/2019	KAEC BFAST		19.43	Exclude
930.43	WALTER BALLARD JR/DIRECTOR	12/26/2019	PER DIEM-BD MTG	300.00		Include
930.43	WALTER BALLARD JR/DIRECTOR	12/31/2019	REIMBURSE EXP/NRECA WINTER SCHOOL		(220.50)	Exclude
930.45	LINVILLE GALE MEANS/DIRECTOR	12/26/2019	BOARD FEE	700.00		Include
930.45	LINVILLE GALE MEANS/DIRECTOR	12/31/2019	KAEC ANNUAL MEETING MEALS		180.00	Exclude
930.45	LINVILLE GALE MEANS/DIRECTOR	12/31/2019	KAEC BFAST		19.43	Exclude
930.45	LINVILLE GALE MEANS/DIRECTOR	12/26/2019	PER DIEM-BD MTG	300.00		Include
930.45	LINVILLE GALE MEANS/DIRECTOR	12/31/2019	REIMBURSE EXP/NRECA WINTER SCHOOL		(323.68)	Exclude
930.46	WILLIAM P. SHEARER/DIRECTOR	12/26/2019	BOARD FEE	700.00		Include
930.46	WILLIAM P. SHEARER/DIRECTOR	12/31/2019	KAEC ANNUAL MEETING MEALS		180.00	Exclude
930.46	WILLIAM P. SHEARER/DIRECTOR	12/31/2019	KAEC BFAST		19.43	Exclude
930.46	WILLIAM P. SHEARER/DIRECTOR	12/26/2019	PER DIEM-BD MTG	300.00		Include

Witnesses: Holly S. Eades and John Wolfram

930.47 ALLEN PATRICK/DIRECTOR	12/26/2019	BOARD FEE	700.00		Include
930.47 ALLEN PATRICK/DIRECTOR	12/31/2019	KAEC ANNUAL MEETING MEALS		180.00	Exclude
930.47 ALLEN PATRICK/DIRECTOR	12/31/2019	KAEC BFAST		19.43	Exclude
930.47 ALLEN PATRICK/DIRECTOR	12/26/2019	PER DIEM-BD MTG	300.00		Include
930.49 DEWEY HOLLON/DIRECTOR	12/26/2019	BOARD FEE	700.00		Include
930.49 DEWEY HOLLON/DIRECTOR	12/26/2019	PER DIEM-BD MTG	300.00		Include
930.50 OH CAUDILL JR/DIRECTOR	12/26/2019	BOARD FEE	700.00		Include
930.50 OH CAUDILL JR/DIRECTOR	12/31/2019	KAEC ANNUAL MEETING MEALS		180.00	Exclude
930.50 OH CAUDILL JR/DIRECTOR	12/26/2019	PER DIEM-BD MTG	300.00		Include
			<u>9,000.00</u>	<u>(441.03)</u>	
			117,382.34	58,646.28	176,028.62

**CLARK ENERGY COOPERATIVE, INC.
WINCHESTER, KENTUCKY**

BOARD POLICY #106

SUBJECT: DIRECTORS' COMPENSATION AND REIMBURSEMENT OF EXPENSES

I. OBJECTIVE

- A. The Bylaws of Clark Energy Cooperative, Inc. provides that directors receive reasonable compensation and benefits for their service which shall be determined from time-to-time by resolution of the Board of Directors and further provides that the directors shall receive an advancement or reimbursement for any travel and out-of-pocket expenses necessarily and reasonably incurred in performing their duties.

II. CONTENT

- A. **Monthly Compensation:** Each member of the Board of Directors of Clark Energy Cooperative, Inc. shall receive a sum each month as compensation for his services which shall be set by resolution of the Board of Directors.
- B. **Per Diem Payments:** In the event a member of the Board of Directors attends more than one Board Meeting per month or attends another authorized function of the cooperative, he shall receive, in addition to the compensation provided in "A" above, a per diem payment for each such additional day. For meetings within 150 miles of the cooperative's headquarters a per diem under this section "A" shall be paid only for the day or days the director actually attends a meeting. For meetings more than 150 miles from the headquarters building an additional one day's per diem payment will be paid for travel to the meeting (but not from the meeting) unless the Board of Directors designate otherwise. The amount of the per diem payment shall be set by resolution of the Board of Directors.
- C. **Board Approval of Per Diem Payments:** That the attendance by a director of a function other than a board meeting shall be approved by the Board of Directors prior to the attendance at said meeting or within sixty (60) days thereafter for the director to be entitled to receive the per diem compensation set forth in this policy.

Board Policy #106

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- D. **Reimbursement or Advancement for Expenses:** Directors and officers of the cooperative shall be reimbursed for all legitimate expenses for attendance of meetings except that no mileage shall be paid for the attendance of meetings held at the headquarters building. Advancement may be made to a director for anticipated expenses prior to the actual attendance. Unless specifically waived by vote of the Board, receipts shall be attached for all expenses incurred over \$50.00 for which a director or officer seeks reimbursement. Whenever a director or officer receives an advancement for anticipated expenses, he shall make a settlement with the cooperative for the advancement received at the next regular Board Meeting held following the occurrence of the event when gave rise to the advancement.

- E. **Life Insurance Benefits:**, The cooperative shall maintain an accidental business travel policy in the amount of \$100,000 for certain risks while a director or officer is on official business of the cooperative or traveling to or from the cooperative's official business provided that the accident occurs outside of the cooperative's service area.

- F. Directors who use personal vehicles for official business shall be reimbursed for the most direct route but the amount paid shall not exceed the price of a coach airfare and a medium sized rental vehicle. Mileage will be paid at the rate allowed by the IRS for tax deduction and will be effective immediately upon notification that the IRS rates have changed.

II. RESPONSIBILITY

- A. The President & CEO will be responsible for administering this policy.

- B. The President and CEO or his designee shall audit all expense vouchers of directors and advise the board of any non-adherence to this policy.

- C. The Secretary/Treasurer will review all director expenses annually to verify compliance with this policy.

Adopted: 10-25-88
Revised: 01-23-90
Revised: 10-25-94
Reviewed: 01-15-98
Reviewed: 01-23-01
Revised: 08-24-04
Revised: 08-23-05
Revised: 01-23-07
Revised: 05-31-18

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 26

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

A schedule reflecting the salaries and other compensation of each executive officer for the test year and two preceding calendar years. Include the percentage of annual increase and the effective date of each increase, the job title, duty and responsibility of each officer, the number of employees who report to each executive officer, and to whom each executive officer reports. Also, for employees elected to executive officer status during the test year, provide the salaries for the test year for those persons whom they replaced

Response:

Please see attached. Clark Energy's sole executive officer is its President/Chief Executive Officer. The principal responsibility of this position is to oversee all departments and ensure all cooperative activities are completed in accordance with good business practices and consistent with the direction provided by Clark Energy's Board of Directors (to whom the President/Chief Executive Officer reports). Each of Clark Energy's employees ultimately reports to the President/Chief Executive Officer, and the employees that directly report to the President/Chief Executive Officer include the Vice President of Finance, Vice President of Engineering, Vice President of Operations and Manager of Employee and Manager Relations.

Employee		Effective		Pay Rate	Annualized	Vehicle	Total
		Date	Percentage		Salary	Compensation	Compensation
494	PRESIDENT/CEO	1/1/2019	6.00%	79.88	\$166,150	\$5,815	\$171,966
		1/1/2018	4.00%	75.36	\$156,749	\$6,462	\$163,211
		1/1/2017	4.00%	72.46	\$150,717	\$5,261	\$155,977

Direct reports to CEO:

VP, Finance

VP, Engineering

VP, Operations

Mgr/Employee & Member Relations

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 27

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades and John Wolfram

Description of Filing Requirement:

An analysis of Account No. 930, Miscellaneous General Expenses, for the test year. Include a complete breakdown of this account by the following categories: industry association dues, debt-serving expenses, institutional advertising, conservation advertising, rate department load studies, director's fees and expenses, dues and subscriptions, and miscellaneous. Include all detailed supporting workpapers. At a minimum, the workpapers should show the date, vendor, reference (e.g., voucher number), dollar amount, and a brief description of each expenditure. A detailed analysis is not required for amounts of less than \$100

Response:

Please see the Direct Testimony of John Wolfram provided at Exhibit 9 to Clark Energy's Application and, in particular, Exhibit JW-2, Reference Schedule 1.06, 1.08 and 1.09 thereof. Also, please see attached.

Clark Energy - 930.25 KY Living

Date	Vendor Name	Reference	Invoice	Amount	Include	Exclude
1/29/2019	STRATEGIC PLANNING SPECIALISTS	KY LIVING MAG	CC-CE-010119	40.00	40.00	
3/31/2019	KENTUCKY ELECTRIC COOPERATIVES	KY LIVING MAGAZINE	11614825	12,239.63	12,219.63	
2/13/2019	STRATEGIC PLANNING SPECIALISTS	KY LIVING MAG	CC-CE-020119	40.00	40.00	
2/26/2019	KENTUCKY ELECTRIC COOPERATIVES	KY LIVING MAGAZINE	11618223	8,528.35	8,528.35	
3/28/2019	KENTUCKY ELECTRIC COOPERATIVES	KY LIVING MAGAZINE	11617075	8,561.80	8,561.80	
3/28/2019	STRATEGIC PLANNING SPECIALISTS	KY LIVING MAG.	CC-CE-030119	40.00	40.00	
4/25/2019	STRATEGIC PLANNING SPECIALISTS	KY LIVING MAG.	CC-CE-040119	40.00	40.00	
4/30/2019	KENTUCKY ELECTRIC COOPERATIVES	APRIL KY LIVING MAG.	11618528	8,545.08	8,545.08	
5/9/2019	KENTUCKY ELECTRIC COOPERATIVES	KY LIVING MAGAZINE	11619990	8,535.13	8,535.13	
6/12/2019	STRATEGIC PLANNING SPECIALISTS	CO-OP CARTOON	CC-CE-060119	40.00	40.00	
6/30/2019	KENTUCKY ELECTRIC COOPERATIVES	KY LIVING MAGAZINE	11621659	10,947.40	10,947.40	
7/16/2019	STRATEGIC PLANNING SPECIALISTS	KY LIVING MAG	CC-CE-070119	40.00	40.00	
7/30/2019	KENTUCKY ELECTRIC COOPERATIVES	JULY 2019 MAGAZINE	11622871	8,550.30	8,550.30	
8/31/2019	KENTUCKY ELECTRIC COOPERATIVES	KY LIVING MAG	11625342	8,545.08	8,545.08	
9/26/2019	KENTUCKY ELECTRIC COOPERATIVES	KY LIVING MAG.	11625926	8,569.11	8,569.11	
9/30/2019	STRATEGIC PLANNING SPECIALISTS	KY LIVING	CC-CE-090119	40.00	40.00	
10/31/2019	KENTUCKY ELECTRIC COOPERATIVES	KY LIVING MAGAZINE	11628032	8,571.21	8,571.21	
11/26/2019	STRATEGIC PLANNING SPECIALISTS	KY LIVING MAG.	CC-CE-110119	40.00	40.00	
11/29/2019	KENTUCKY ELECTRIC COOPERATIVES	KY LIVING MAGAZINE	11629823	8,596.88	8,596.88	
12/31/2019	KENTUCKY ELECTRIC COOPERATIVES	KY LIVING MAG	11630691	8,577.99	8,577.99	
				109,069.95	109,069.95	0.00

Clark Energy - 930.24 Membership dues

Date	Vendor Name	Reference	Amount	Include	Exclude
1/3/2019	MT STERLING/MONTGOMERY COUNTY	MT STERLING CHAMBER/ANNUAL SPONSORSHIP	2,000.00	-	2,000.00
1/3/2019	WINCHESTER CLARK CO CHAMBER	WINCHESTER CHAMBER DUES	2,100.00	-	2,100.00
1/3/2019	KRUS	KRUS ANNUAL MEMBERSHIP DUES	150.00	-	150.00
1/31/2019	KENTUCKY ELECTRIC COOPERATIVES	2019 MANGERS ASSOCIATION DUES	300.00	-	300.00
1/31/2019		NRECA DUES (DR)	2,637.42	2,637.42	-
1/31/2019		KAEC DUES (DR)	5,449.85	5,449.85	-
2/14/2019	KY COUNCIL OF COOPERATIVES	MEMBERSHIP DUES/KY COUNCIL OF COOPS	250.00	-	250.00
2/26/2019	KENTUCKY ELECTRIC COOPERATIVES	2019 KY CHAMBER OF COMMERCE DUES	337.53	-	337.53
2/28/2019		NRECA DUES (DR)	2,637.42	2,637.42	-
2/28/2019		KAEC DUES (DR)	5,449.85	5,449.85	-
3/31/2019		NRECA DUES (DR)	2,637.42	2,637.42	-
3/31/2019		KAEC DUES (DR)	5,449.85	5,449.85	-
4/30/2019		NRECA DUES (DR)	2,637.42	2,637.42	-
4/30/2019		KAEC DUES (DR)	5,449.85	5,449.85	-
5/31/2019		NRECA DUES (DR)	2,637.42	2,637.42	-
5/31/2019		KAEC DUES (DR)	5,449.85	5,449.85	-
6/30/2019		NRECA DUES (DR)	2,637.42	2,637.42	-
6/30/2019		KAEC DUES (DR)	5,449.85	5,449.85	-
7/11/2019	FRENCHBURG/MENIFEE CO CHAMBER	FBURG/MENIFEE CHAMBER MEMBERSHIP DUES	200.00	-	200.00
7/31/2019		NRECA DUES (DR)	2,637.42	2,637.42	-
7/31/2019		KAEC DUES (DR)	5,449.85	5,449.85	-
8/31/2019		NRECA DUES (DR)	2,637.42	2,637.42	-
8/31/2019		KAEC DUES (DR)	5,449.85	5,449.85	-
9/30/2019		NRECA DUES (DR)	2,637.42	2,637.42	-
9/30/2019		KAEC DUES (DR)	5,449.85	5,449.85	-
10/31/2019		NRECA DUES (DR)	2,637.38	2,637.38	-
10/31/2019		KAEC DUES (DR)	5,449.85	5,449.85	-
11/7/2019		KAEC DUES REIMBURSEMENT	(14,115.00)	(14,115.00)	-
11/21/2019	MT STERLING/MONTGOMERY COUNTY	ANNUAL MEMBERSHIP DUES	600.00	-	600.00
11/30/2019		NRECA DUES (DR)	2,637.38	2,637.38	-
11/30/2019		KAEC DUES (DR)	5,449.85	5,449.85	-
12/31/2019		NRECA DUES (DR)	2,641.42	2,641.42	-
12/31/2019		KAEC DUES (DR)	5,449.89	5,449.89	-
			88,873.73	82,936.20	5,937.53

Clark Energy - 930.23 - Member education

Date	Vendor Name	Reference	Amount	Include	Exclude
1/8/2019	MOREHEAD STATE UNIVERSITY	SCHOLARSHIP/MARA WALKER/ID#1173411	398.25	-	398.25
1/22/2019	EASTERN KENTUCKY UNIVERSITY	SCHOLARSHIP/MARIA HOOVER/ID#901613876	400.00	-	400.00
1/31/2019	US BANK	SCHOOL DONATIONS	89.51	-	89.51
2/28/2019	US BANK	EARTH DAY/MENIFEE ELEMENTARY	183.52	-	183.52
3/7/2019	MITMESSER PROGRAMMING	CONSERVATION CLUBHOUSE/SHEARER	500.00	500.00	-
3/26/2019		EKP REIMBURSEMENT/CONSERVATION CLUBHOUSE	(250.00)	(250.00)	-
3/31/2019	US BANK	EARTH DAY/MENIFEE ELEMENTARY	27.09	-	27.09
3/31/2019	US BANK	FRANKFORT YOUTH TOUR	27.00	-	27.00
3/31/2019	US BANK	FRANKFORT YOUTH TOUR	324.23	-	324.23
3/31/2019	US BANK	FRANKFORT YOUTH TOUR/VAN RENTAL	237.46	-	237.46
4/30/2019	US BANK	GIFTS SCHOLARSHIP JUDGES	95.40	-	95.40
4/30/2019	US BANK	MENIFEE ELEMENTARY SCHOOL PROGRAM	13.00	-	13.00
5/23/2019	MITMESSER PROGRAMMING	CONSERVATION CLUBHOUSE/CONKWRIGHT ELEMEN	250.00	250.00	-
5/31/2019	US BANK	SCHOLARSHIP JUDGES MEAL	80.19	-	80.19
5/31/2019	US BANK	SCHOLARSHIP JUDGING LUNCH	44.29	-	44.29
6/6/2019	HATTON, LOIS	2019 WYT DELEGATES	300.00	-	300.00
6/13/2019		EKP/REImburse advertising	(125.00)	-	(125.00)
6/13/2019		CORRECT A/C #/EKP ADVERTISING/DRAWER 3	(125.00)	-	(125.00)
6/20/2019	BELLARMINE UNIVERSITY	SCHOLARSHIP/KATHRYN ANNE WILLIAMS DUFF	1,000.00	-	1,000.00
6/20/2019	BELLARMINE UNIVERSITY	SCHOLARSHIP/KELBY TRACE ROSE/ID#2088580	1,000.00	-	1,000.00
6/30/2019	US BANK	SUPPLIES	49.05	-	49.05
7/23/2019	WESTERN KENTUCKY UNIVERSITY	SCHOLARSHIP/QUINTON BOONE/ID#801274728	500.00	-	500.00
7/23/2019	MOREHEAD STATE UNIVERSITY	SCHOLARSHIP/SPENCER PERGEM/ID#1171601	1,000.00	-	1,000.00
7/23/2019	TRANSYLVANIA UNIVERSITY	SCHOLARSHIP/WILLIAM CLAY COCKRELL	1,000.00	-	1,000.00
7/25/2019	MOREHEAD STATE UNIVERSITY	SCHOLARSHIP/KAITLYN N BARBER/#M1186697	192.00	-	192.00
7/25/2019	MAYSVILLE COMMUNITY & TECH COLLEGE	SCHOLARSHIP/KAITLYN N BARBER/ID002619960	808.00	-	808.00
7/25/2019	UNIVERSITY OF KENTUCKY	SCHOLARSHIP/ABBY HILL/ID#12296608	1,000.00	-	1,000.00
7/25/2019	EASTERN KENTUCKY UNIVERSITY	SCHOLARSHIP/LANDAN SWARTZ/ID#901617511	1,000.00	-	1,000.00
7/31/2019	KENTUCKY ELECTRIC COOPERATIVES	WASHINGTON YOUTH TOUR	7,000.00	-	7,000.00
7/31/2019	AMERICAN EXPRESS	WALMART/MEIJERS/SCHOOL BACKPACK PROGRAM	1,131.42	-	1,131.42
8/1/2019	EASTERN KENTUCKY UNIVERSITY	SCHOLARSHIP/ALLISON KARRICK/#901706021	1,000.00	-	1,000.00
8/1/2019	MOREHEAD STATE UNIVERSITY	SCHOLARSHIP/MARA WALKER/ID#1173411	121.00	-	121.00
8/6/2019	EASTERN KENTUCKY UNIVERSITY	SCHOLARSHIP/JULIA KISER/ID#901703838	500.00	-	500.00
8/13/2019		CORRECT A/C #S/EKP	250.00	-	250.00
8/14/2019	MITMESSER PROGRAMMING	VOID/REISSUE/LOST IN MAIL	(500.00)	-	(500.00)
8/15/2019	MITMESSER PROGRAMMING	CONSERVATION CLUBHOUSE/SHEARER	500.00	500.00	-
8/22/2019	EASTERN KENTUCKY UNIVERSITY	SCHOLARSHIP/NATALIE DEDIC/ID#901646954	500.00	-	500.00
8/27/2019	POWELL CO LIONS CLUB	BOOTH RENTAL/POWELL CO FAIR	35.00	-	35.00
8/31/2019	US BANK	CLARK READINESS	37.05	-	37.05
9/5/2019	MOREHEAD STATE UNIVERSITY	SCHOLARSHIP/CHRISTOPHER STEEL HOWARD	1,000.00	-	1,000.00
9/30/2019	US BANK	MEMBER APPRECIATION DAY	34.11	-	34.11
9/30/2019	US BANK	MEMBER APPRECIATION DAY	49.52	-	49.52
9/30/2019	US BANK	CUSTOMER APPRECIATION	12.69	-	12.69
9/30/2019	US BANK	CUSTOMER APPRECIATION	26.62	-	26.62
9/30/2019	US BANK	CUSTOMER APPRECIATION/SAVALOT	677.70	-	677.70
9/30/2019	CLARK PROPANE PLUS	CUSTOMER APPRECIATION	48.34	-	48.34
9/30/2019	EAST KENTUCKY POWER COOPERATIV	BACK TO SCHOOL BANNER	50.00	-	50.00
10/31/2019	US BANK	CUSTOMER APPRECIATION/SAVE A LOT	474.12	-	474.12
10/31/2019	US BANK	SCHOOL VISITS	51.86	51.86	-
10/31/2019	POWELL COUNTY 4-H	SCHOOL PROGRAMS/POWELL CO/HALLOWEEN CANDY	835.87	-	835.87
11/26/2019	STEVENS, ANDREW	CONSERVATION CLUBHOUSE/E-CAMP/POWELL CO	250.00	250.00	-
12/19/2019	EASTERN KENTUCKY UNIVERSITY	SCHOLARSHIP/JULIA KISER/ID#9011703838	500.00	-	500.00
12/19/2019	EASTERN KENTUCKY UNIVERSITY	SCHOLARSHIP/NATALIE DEDIC/ID#901646954	500.00	-	500.00
12/19/2019	WESTERN KENTUCKY UNIVERSITY	SCHOLARSHIP/QUINTON BOONE/ID#801274728	500.00	-	500.00
12/31/2019	EASTERN KENTUCKY UNIVERSITY	SCHOLARSHIP/EMMA HACKER/ID#901680415	1,000.00	-	1,000.00
12/31/2019	US BANK	SCHOOL MEETING/LUNCH	48.20	-	48.20
			26,652.49	1,301.86	25,350.63

Clark Energy - 930.22 - Director election expenses

Date	Payable to	Reference	Amount	Include	Exclude
4/2/2019	POSTMASTER-WINCHESTER	PO BOX RENTAL #630/DIRECTORS ELECTIONS	586.00	586.00	-
4/2/2019	RANEY, LARRY	NOMINATING COMMITTEE	75.00	75.00	-
4/2/2019	WELLS, JAMES P	NOMINATING COMMITTEE	75.00	75.00	-
4/2/2019	DAVIS, BP	NOMINATING COMMITTEE	75.00	75.00	-
4/2/2019	TAYLOR, S DUDLEY	NOMINATING COMMITTEE	75.00	75.00	-
4/2/2019	TACKITT, EARNEST	NOMINATING COMMITTEE	75.00	75.00	-
4/2/2019	BROWN, TERRY	NOMINATING COMMITTEE	75.00	75.00	-
4/2/2019	NOLAN, MELINDA	NOMINATING COMMITTEE	75.00	75.00	-
4/2/2019	MEADOWS, DWAIN	NOMINATING COMMITTEE	75.00	75.00	-
5/31/2019	US BANK	NOMINATING COMMITTEE DINNER	192.10		192.10
5/31/2019	US BANK	NOMINATING COMMITTEE DINNER	106.96		106.96
5/31/2019	HEFNER, ELLIS	PROVOST SERVICES/CLARK ENERGY	300.00	300.00	-
			<u>1,785.06</u>	<u>1,486.00</u>	<u>299.06</u>

Clark Energy - 930.10 - Miscellaneous Advertising Expense

Date	Vendor Name	Reference	Invoice	Amount	Include	Exclude
1/15/2019	KY CONSERVATION OFFICERS ASSOC	DONATION/KY CONSERVATION OFFICERS ASSOC	119	100.00	-	100.00
1/31/2019	WLKS FM	RX SAVINGS AD	119	360.00	-	360.00
1/31/2019	WSKV	IMAGE ADS	119	140.00	-	140.00
2/28/2019	MOREHEAD NEWS GROUP	IMAGE ADS	219	60.00	-	60.00
3/19/2019	WMOR-FM	IMAGE ADS	219	100.00	-	100.00
3/19/2019	WLKS FM	IMAGE ADS	219	360.00	-	360.00
3/19/2019	WSKV	IMAGE ADS	219	140.00	-	140.00
3/21/2019	MT STERLING ADVOCATE	IMAGE ADS	219	58.60	-	58.60
4/18/2019	WLKS FM	COOP CONNECTION CARDS AD	319	360.00	-	360.00
4/18/2019	WSKV	RX SAVINGS ADS	319	140.00	-	140.00
4/30/2019	WLKS FM	RX SAVINGS AD	419	360.00	-	360.00
4/30/2019	MT STERLING ADVOCATE	IMAGE ADS	419	140.00	-	140.00
4/30/2019	WSKV	IMAGE ADS	419	140.00	-	140.00
5/14/2019	COMMUNITY EDUCATION	FALL 2019 COMMUNITY ED SCHEDULE	519	150.00	-	150.00
5/31/2019	MOREHEAD NEWS GROUP	IMAGE ADS	519	220.00	-	220.00
5/31/2019	WLKS FM	IMAGE ADS	519	460.00	-	460.00
6/4/2019	THE BATH CO, QUARTERBACK CLUB	BANNER RENEWAL/BATH CO QUARTERBACK CLUB	619	100.00	-	100.00
6/20/2019	KENTUCKY CONSERVATION OFFICERS ASSOC	ADVERTISING	619	100.00	-	100.00
6/20/2019	MT STERLING ADVOCATE	IMAGE ADS	519	10.00	-	10.00
6/30/2019	MOREHEAD NEWS GROUP	IMAGE ADS	619	70.00	-	70.00
6/30/2019	WLKS FM	IMAGE/RX SAVINGS	619	360.00	-	360.00
7/18/2019	POWELL COUNTY HIGH SCHOOL	BANNER RENEWAL/POWELL CO HS	719	300.00	-	300.00
8/31/2019	WLKS FM	IMAGE ADS	819	100.00	-	100.00
8/31/2019	MOREHEAD NEWS GROUP	IMAGE ADS	819	105.00	-	105.00
9/19/2019	MT STERLING ADVOCATE	IMAGE ADS	819	185.50	-	185.50
9/30/2019	KY NEWS GROUP	IMAGE ADS	16040	100.00	-	100.00
9/30/2019	MT STERLING ADVOCATE	SAFETY ADS	919	87.10	87.10	
10/31/2019	RICHMOND REGISTER	IMAGE ADS	1019	165.00	-	165.00
10/31/2019	MOREHEAD NEWS GROUP	IMAGE ADS	1019	229.00	-	229.00
11/30/2019	RICHMOND REGISTER	IMAGE ADS	1119	80.00	-	80.00
11/30/2019	MOREHEAD NEWS GROUP	IMAGE ADS	1119	105.00	-	105.00
12/19/2019	KY NEWS GROUP	IMAGE AD	1219	100.00	-	100.00
12/31/2019	RICHMOND REGISTER	IMAGE ADS	1219	40.00	-	40.00
12/31/2019	CLAY CITY TIMES	IMAGE ADS	1219	75.00	-	75.00
12/31/2019	MOREHEAD NEWS GROUP	IMAGE ADS	1219	40.00	-	40.00
12/31/2019	WKYT-TV	SOLAR ADS	37135-4	360.00	-	
12/31/2019	MT STERLING ADVOCATE	IMAGE ADS	1219	244.42	-	244.42
				6,244.62	87.10	5,797.52

Clark Energy - 930.21 Annual meeting expenses

Date	Vendor Name	Reference	Amount	Include	Exclude
5/31/2019	WESCO DISTRIBUTION INC	ANNUAL MTG/BOTTLED WATER	264.45	264.45	-
5/31/2019	LOWE'S	MISC SUPPLIES	42.04	42.04	-
6/12/2019	DERICKSON GRAPHICS, LLC	ANNUAL MEETING SHIRTS	2,062.76	-	2,062.76
6/30/2019	PAYROLL	ER FICA Tax Spread	452.79	452.79	-
6/30/2019	PAYROLL	ER FUTA Tax Spread	4.54	4.54	-
6/30/2019	PAYROLL	ER MED Tax Spread	105.91	105.91	-
6/30/2019	PAYROLL	ER SUTA Tax Spread	2.27	2.27	-
6/30/2019	PAYROLL	LABOR DISTRIBUTION	7,151.72	7,151.72	-
6/30/2019	US BANK	ANNUAL MTG PRIZE GIVEAWAYS	672.49	-	672.49
6/30/2019	US BANK	ANNUAL MTG SUPPLIES/BANNER	292.12	-	292.12
6/30/2019	AMERICAN EXPRESS	4IMPRINT/HATS	499.64	-	499.64
6/30/2019	AMERICAN EXPRESS	THOMPSON CATERING/ANNUAL MTG	1,209.46	1,209.46	-
6/30/2019	PAYROLL	PAYROLL OVERHEAD SPREAD	4,981.98	4,981.98	-
6/30/2019	TRANSPORTATION	FLEET MANAGEMENT TRANSACTION	84.94	84.94	-
7/9/2019	EADES, HOLLY S	MILEAGE	30.16	-	30.16
7/16/2019	DERICKSON GRAPHICS, LLC	SHIRTS	33.92	-	33.92
7/18/2019	RITA CARTY - PETTY CASH	ANNUAL MTG MEAL	25.24	-	25.24
7/30/2019	KENTUCKY ELECTRIC COOPERATIVES	PAIS/LED LIGHTS	2,000.00	2,000.00	-
7/31/2019	US BANK	ANNUAL MEETING SUPPLIES	132.50	132.50	-
7/31/2019	US BANK	ANNUAL MTG MISC	49.40	49.40	-
7/31/2019	US BANK	ANNUAL MTG/DRINKS/MISC SUPPLIES	621.26	621.26	-
7/31/2019	US BANK	ANNUAL MTG/SAVE A LOT FOOD	583.24	583.24	-
7/31/2019	EAST KENTUCKY POWER COOPERATIV	ANNUAL MEETING SIGN	225.00	225.00	-
8/27/2019	STRATEGIC PLANNING SPECIALISTS	KY LIVING MAG.	40.00	40.00	-
			21,567.83	17,951.50	3,616.33

Clarke Energy Cooperative
Summary of Account 930 Exclusions

<u>ACCT</u>	<u>Total</u>	<u>Include</u>	<u>Exclude</u>	
930.10	6,245	87	5,798	Advertising
930.20	38,109	24,819	13,289	Miscellaneous Expense
930.21	21,568	17,952	3,616	Annual meeting
930.22	1,785	1,486	299	Director Elections
930.23	26,652	1,302	25,351	Member Education
930.24	88,874	82,936	5,938	Membership dues
930.25	109,070	109,070	-	KY Living magazine
TOTAL	292,302	237,652	54,290	

930.20 - Clark Energy - Miscellaneous Expenses

Date	Reference	Vendor Name	Amount	Include	Exclude
1/15/2019	CHRISTMAS DECOR/WINCHESTER	BLESSINGS FLORAL DESIGN	200.00	-	200.00
1/17/2019	ANNUAL ASSESSMENT/NOTICE#109445180	KENTUCKY STATE TREASURER	10.00	10.00	-
1/29/2019	BD ROOM/SAFETY MTG/MGR OFFICE	CLARK ENERGY RECREATION FUND	37.00	-	37.00
1/31/2019	BD MEAL	US BANK	270.37	-	270.37
1/31/2019	JACKS RETIREMENT	US BANK	82.57	-	82.57
1/31/2019	MISC SUPPLIES	US BANK	59.32	-	59.32
1/31/2019	INSURANCE/FEDERATED		2,036.82	2,036.82	-
2/26/2019	MEAL/FLOAT	JUDY BUSH-WIN PETTY CASH	32.53	-	32.53
2/28/2019	BD ROOM/SAFETY MTG/MGR OFFICE	CLARK ENERGY RECREATION FUND	28.25	-	28.25
2/28/2019	BOARD MEETING LUNCH	US BANK	339.20	-	339.20
2/28/2019	INSURANCE/FEDERATED		2,036.82	2,036.82	-
2/28/2019	CRACKER BARREL/BOARD MEAL	AMERICAN EXPRESS	323.32	-	323.32
3/28/2019	BD ROOM/SAFETY MTG/MGR OFFICE	CLARK ENERGY RECREATION FUND	55.25	-	55.25
3/31/2019	INSURANCE/FEDERATED		2,036.82	2,036.82	-
4/5/2019	LINEMAN APPRECIATION BREAKFAST	SHERRI'S CAFE AT SHOPPERS MARKET	1,224.30	-	1,224.30
4/25/2019	BD ROOM/SAFETY MTG/MGR OFFICE	CLARK ENERGY RECREATION FUND	53.50	-	53.50
4/30/2019	BOARD MEETING LUNCH	US BANK	254.40	-	254.40
4/30/2019	BOARD ROOM DRINKS	US BANK	10.78	-	10.78
4/30/2019	SAMS CLUB/BD ROOM SNACKS	AMERICAN EXPRESS	13.23	-	13.23
4/30/2019	INSURANCE/FEDERATED		2,036.82	2,036.82	-
5/21/2019	FBURG/CHAMBER BANQUET TICKETS	FRENCHBURG/MENEFEE CO CHAMBER	250.00	-	250.00
5/23/2019	OFFICE TEE SHIRTS	DERICKSON GRAPHICS, LLC	313.23	-	313.23
5/30/2019	BD ROOM/SAFETY MTG/MGR OFFICE	CLARK ENERGY RECREATION FUND	45.25	-	45.25
5/31/2019	BOARD MEETING MEAL	US BANK	364.40	-	364.40
5/31/2019	OFFICE SUPPLIES	NATIONAL OFFICE SUPPLIERS INC	64.82	64.82	-
5/31/2019	GSF/SAMS/SUPPLIES	AMERICAN EXPRESS	24.86	-	24.86
5/31/2019	INSURANCE/FEDERATED		2,036.82	2,036.82	-
6/25/2019	BD ROOM/SAFETY MTG/MGR OFFICE	CLARK ENERGY RECREATION FUND	46.00	-	46.00
6/30/2019	BOARD MEAL	US BANK	370.78	-	370.78
6/30/2019	BOARD RM DRINKS	US BANK	11.42	-	11.42
6/30/2019	RETIREMENT GIFT/KEITH BROWNLEE	US BANK	250.00	-	250.00
6/30/2019	INSURANCE/FEDERATED		2,036.82	2,036.82	-
7/18/2019	FUNERAL CHIMES/R MCINTOSH	FLOWERS ON MAIN LLC	23.90	-	23.90
7/30/2019	BD ROOM/SAFETY MTG/MGR OFFICE	CLARK ENERGY RECREATION FUND	41.75	-	41.75
7/31/2019	MISC SUPPLIES	US BANK	89.95	-	89.95
7/31/2019	INSURANCE/FEDERATED		2,036.82	2,036.82	-
8/13/2019	C KIRKPATRICK/LEADERSHIP WINCHESTER	WINCHESTER CLARK CO CHAMBER	500.00	-	500.00
8/27/2019	BD ROOM/SAFETY MTG/MGR OFFICE	CLARK ENERGY RECREATION FUND	33.75	-	33.75
8/31/2019	BOARD LUNCH	US BANK	69.85	-	69.85
8/31/2019	BOARD MEETING	US BANK	491.72	-	491.72
8/31/2019	BOARD MEETING LUNCH	US BANK	119.39	-	119.39
8/31/2019	SAMS/SUPPLIES	AMERICAN EXPRESS	6.98	-	6.98
8/31/2019	INSURANCE/FEDERATED		2,036.82	2,036.82	-
9/10/2019	RURAL ELECTRIC MAGAZINES(12)	NATIONAL RURAL ELECTRIC COOP A	546.96	-	546.96
9/25/2019	BD ROOM/SAFETY MTG/MGR OFFICE	CLARK ENERGY RECREATION FUND	31.75	-	31.75
9/30/2019	BOARD MEETING	JUDY BUSH-WIN PETTY CASH	19.84	-	19.84
9/30/2019	BOARD MEETING MEAL	US BANK	466.99	-	466.99
9/30/2019	INSURANCE/FEDERATED		2,036.82	2,036.82	-
10/29/2019	BD ROOM/SAFETY MTG/MGR OFFICE	CLARK ENERGY RECREATION FUND	28.75	-	28.75
10/31/2019	BOARD MEETING	US BANK	349.80	-	349.80
10/31/2019	MISC SUPPLIES	US BANK	103.96	-	103.96
10/31/2019	MUSIC/EE MEETING	US BANK	5.48	-	5.48
10/31/2019	INSURANCE/FEDERATED		2,036.82	2,036.82	-
11/11/2019	CLARK SHIRTS	DERICKSON GRAPHICS, LLC	246.14	-	246.14
11/15/2019	CHARLIES SHIRTS	DERICKSON GRAPHICS, LLC	30.00	-	30.00
11/21/2019	BD ROOM/SAFETY MTG/MGR OFFICE	CLARK ENERGY RECREATION FUND	67.00	-	67.00
11/25/2019	TRUCK SHIRTS	DERICKSON GRAPHICS, LLC	45.90	-	45.90
11/30/2019	BOARD MEETING MEAL	US BANK	72.25	-	72.25
11/30/2019	BOARD OF DIRECTORS MEAL	US BANK	729.00	-	729.00
11/30/2019	CHRISTMAS/BOARD OF DIRECTORS	US BANK	519.40	-	519.40
11/30/2019	HALLOWEEN CANDY	US BANK	547.55	-	547.55
11/30/2019	HALLOWEEN CANDY	US BANK	98.47	-	98.47
11/30/2019	INSURANCE/FEDERATED		2,036.82	2,036.82	-
12/19/2019	EMPLOYEE CHRISTMAS BREAKFAST	SHERRI'S CAFE AT SHOPPERS MARKET	1,298.50	-	1,298.50
12/31/2019	BD ROOM/SAFETY MTG/MGR OFFICE	CLARK ENERGY RECREATION FUND	65.25	-	65.25
12/31/2019	BD LUNCH	US BANK	255.97	-	255.97
12/31/2019	BOARD MEETING MEAL	US BANK	70.50	-	70.50
12/31/2019	CHRISTMAS PARADE	US BANK	50.86	-	50.86
12/31/2019	DIRECTORS CHRISTMAS DINNER	US BANK	900.00	-	900.00
12/31/2019	EE BREAKFAST	US BANK	42.27	-	42.27
12/31/2019	FUEL	WEX BANK	302.73	302.73	-
12/31/2019	R TYREE RETIREMENT	US BANK	95.79	-	95.79
12/31/2019	CHRISTMAS FLOAT	US BANK	77.35	-	77.35
12/31/2019	DIRECTORS GIFTS	US BANK	74.20	-	74.20
12/31/2019	EE THANKSGIVING MEAL	US BANK	106.66	-	106.66
12/31/2019	RICHARD TYREE/RETIREMENT	US BANK	305.46	-	305.46
12/31/2019	INSURANCE/FEDERATED		2,036.82	2,036.82	-
			38,108.69	24,819.39	13,289.30

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 28

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades and John Wolfram

Description of Filing Requirement:

An analysis of Account No. 426, Other Income Deductions, for the test period. Include a complete breakdown of this account by the following categories: donations, civic activities, political activities, and other. Include detailed supporting workpapers. At a minimum, the workpapers should show the date, vendor, reference (e.g., voucher number), dollar amount, and a brief description of each expenditure. A detailed analysis is not required for amounts of less than \$250

Response:

Please see the Direct Testimony of John Wolfram provided at Exhibit 9 to Clark Energy's Application and, in particular, Exhibit JW-2, Reference Schedule 1.08 thereof. Also, please see attached. All of the listed amounts in Account 426.010 are donations and have been removed for ratemaking purposes.

Clark Energy - 426.10 Donations

Date	Vendor Name	Reference	Amount	Last Check/Tr Invoice
1/7/2019		MATERIAL	421.33	0
2/5/2019	LEADERSHIP LEAP	DONATION/2019 PROGRAM	250.00	53014 219
2/12/2019	GRC PROJECT GRADUATION	DONATION/GRC PROJECT GRADUATION	100.00	53081 219
3/12/2019	MIDDLE SCHOOL BASEBALL BOOSTERS	DONATION/MCNABB MIDDLE BASEBALL BOOSTERS	50.00	53306 31219
3/12/2019	GRC SOFTBALL BOOSTERS	GRC SOFTBALL BOOSTERS	450.00	53305 319
3/12/2019	FRENCHBURG/MENIFEE CO CHAMBER	ANNUAL CHAMBER DONATION/FBURG-MENIFEE	1,000.00	53287 319
3/21/2019	BCTC FOUNDATION	MOONLIGHT MOVIE NIGHTS/CLARK CO	250.00	53977 319
4/1/2019	CLARK COUNTY ANIMAL SHELTER	GREAT DANES SPONSORSHIP	200.00	53440 419
4/18/2019	MENIFEE 4-H YOUTH DEVELOPMENT	4H CAMP FULL SCHOLARSHIP/MENIFEE CO	174.00	53574 419
4/18/2019	SAINT AGATHA ACADEMY	DONATION/GOLF SCRAMBLE	50.00	53587 419
4/18/2019	MENIFEE CO PUBLIC LIBRARY	SUMMER READING PROGRAM/MENIFEE CO LIBRAR	100.00	53575 419
4/23/2019	FRENCHBURG/MENIFEE CO CHAMBER	DONATION/'19 MOUNTAIN MEMORIES FESTIVAL	300.00	53613 419
4/30/2019	GRC GIRLS GOLF TEAM	DONATION/GRC GIRLS GOLF/HOLE SPONSOR	100.00	53672 419
4/30/2019	US BANK	FBURG CHAMBER CENTERPIECE DONATION	202.29	53704 0419-YOUNG
4/30/2019	US BANK	STATON ELEMENTARY LIONESS CLUB	146.28	53704 0419-HATTON
5/2/2019	CLARK COUNTY HOMELESS COALITION	SERENDIPITY EVENT SPONSOR/CLARK CO	250.00	53687 519
5/7/2019	MENIFEE CO. HIGH SCHOOL	MENIFEE CO BOYS SOCCER CLUB/DONATION	50.00	53739 519
5/16/2019	BATH LODGE 55	DONATION/GOLF SCRAMBLE/BATH CO LODGES5	50.00	53803 519
5/30/2019	MADISON CO FAIR & HORSESHOW	LITTE MISS&MR PAGEANT/MADISON CO FAIR	500.00	53916 519
5/31/2019	US BANK	CAMARGO ELEMENTARY DONATION	100.00	53941 0519-PASLEY
5/31/2019	US BANK	FBURG CHAMBER MTG DONATION	12.62	53941 0519-HATTON
5/31/2019	US BANK	POWELL KIWANANS DONATION	84.67	53941 0519-HATTON
5/31/2019	US BANK	RAFFLE BASKET/CLARK COUNTY SERVICES	81.45	53941 0519-YOUNG
6/4/2019	DANIEL BOONE PIONEER FESTIVAL	DONATION/DANIEL BOON PIONEER FESTIVAL	100.00	53929 619
6/25/2019	BIG WOODS RECREATIONAL CORP.	THUNDER OVER BIG WOODS EVENT	100.00	54154 619
7/11/2019	CLARK COUNTY COMMUNITY SERVICES	SILVER SPONSOR/TURKEY TROT/CLARK CO	250.00	54266 TURKEY TROT
7/16/2019	GRC CHEERLEADING	GRC CHEER/HOLE SPONSORSHIP	100.00	54312 719
8/13/2019	LITTLE CARDS FOOTBALL TEAM	DONATION	50.00	54553 819
8/15/2019	NRECA INTERNATIONAL	DONATION	500.00	54585 819
8/15/2019		CORRECT EKP PYMT/BATH CO HS RACING TEAM	1,800.00	0
8/31/2019	US BANK	MENIFEE BACK TO SCHOOL	610.61	54727 0819-HATTON
8/31/2019	US BANK	MENIFEE CO BACK TO SCHOOL	29.16	54727 0819-YOUNG
8/31/2019	US BANK	MONTG CO BACK TO SCHOOL	112.23	54727 0819-YOUNG
9/10/2019	MENIFEE COUNTY PONY LEAGUE CLUB	REUNION CAR SHOW/LL SPORTS PROGRAM/MENIF	250.00	54784 919
9/10/2019	MENIFEE CO BOARD OF EDUCATION	STEM TRAINING FOR ONE TEACHER/MENIFEE CO	100.00	54770 919
9/12/2019		CFC/PATR REFUND/INTEGRITY FUND	1,200.00	0
10/1/2019	MENIFEE ANIMAL SHELTER	SUPPLIES ON THE PARK FUNDRAISER/MENIFEE	250.00	54959 1019
10/21/2019		MATERIAL	556.25	0
10/31/2019	US BANK	DONATION/COOP STRONG	10.00	55249 1019-EADES
10/31/2019	US BANK	DONATION/FESTIVAL CAMARGO&STANTON	191.10	55249 1019-YOUNG
10/31/2019	EAST KENTUCKY POWER COOPERATIV	2019 HONOR FLIGHT	1,000.00	55467 10012
11/5/2019	CHRISTIAN SOCIAL SVC CENTER INC	DONATION/ANGEL TREE PROJECT	100.00	55234 1119
11/5/2019	BATH COUNTY HS TRACK BOOSTERS	PLATINUM SPONSOR/BATH CO HS TRACK	100.00	55255 1119
11/26/2019	BCHS BASS FISHING BOOSTERS	DONATION/BCHS BASS FISHING BOOSTERS	300.00	55481 112619
11/30/2019	US BANK	DONATION/UNION CITY ROURITAN	83.74	55591 1119-HATTON
11/30/2019	US BANK	FALL FESTIVALS/BOWEN/CLAY CITY/MENIFEE	239.44	55591 1119-HATTON
12/3/2019	POWELL COUNTY FOP	DONATION/POWELL CO SHOP WITH A COP	100.00	55560 1219
12/10/2019	WINCHESTER FOP #34	SHOP WITH A COP/WINCHESTER	125.00	55626 1219
12/31/2019	US BANK	DONATION	63.51	55824 1219-HATTON
			<u>13,245.68</u>	

Clark Energy - 426.30

Date	Vendor Name	Reference	Check	Amount	Invoice
8/31/2019	KY STATE TREASURER	SALES TAX/PENALTY/ID#39039	54719	38.35	#109760169
8/31/2019	KY STATE TREASURER	SALES TAX/PENALTY/ID#39039	54721	9.30	#109760168
8/31/2019	KY STATE TREASURER	SALES TAX/PENALTY/ID#39039	54722	13.19	#109760167
8/31/2019	KY STATE TREASURER	SALES TAX/PENALTY/ID#39039	54720	8.69	#109760165
				<u>69.53</u>	

Clark Energy - 426.50

Date	Reference	Amount	Journal	Journal Desc	Module
1/31/2019	MATERIAL	21,899.61	187597	Charge	Material Inventory
2/17/2019	ABANDONED WORK ORDERS	6,516.24	188492	Direct Charge and Transfer	Work Order
2/17/2019	ABANDONED WORK ORDERS	3.11	188492	Direct Charge and Transfer	Work Order
2/17/2019	ABANDONED WORK ORDERS	127.55	188492	Direct Charge and Transfer	Work Order
2/17/2019	ABANDONED WORK ORDERS	115.47	188492	Direct Charge and Transfer	Work Order
2/17/2019	ABANDONED WORK ORDERS	10.30	188492	Direct Charge and Transfer	Work Order
2/17/2019	ABANDONED WORK ORDERS	4.51	188492	Direct Charge and Transfer	Work Order
2/17/2019	ABANDONED WORK ORDERS	29.82	188492	Direct Charge and Transfer	Work Order
2/17/2019	ABANDONED WORK ORDERS	35.46	188492	Direct Charge and Transfer	Work Order
2/17/2019	ABANDONED WORK ORDERS	2.54	188492	Direct Charge and Transfer	Work Order
2/17/2019	ABANDONED WORK ORDERS	10.61	188492	Direct Charge and Transfer	Work Order
2/17/2019	ABANDONED WORK ORDERS	0.12	188492	Direct Charge and Transfer	Work Order
3/31/2019	ABANDONED WORK ORDER	87.98	189424	Direct Charge and Transfer	Work Order
3/31/2019	ABANDONED WORK ORDER	1.49	189424	Direct Charge and Transfer	Work Order
3/31/2019	ABANDONED WORK ORDER	1.53	189424	Direct Charge and Transfer	Work Order
3/31/2019	ABANDONED WORK ORDER	0.11	189424	Direct Charge and Transfer	Work Order
3/31/2019	ABANDONED WORK ORDER	0.24	189424	Direct Charge and Transfer	Work Order
3/31/2019	ABANDONED WORK ORDER	0.76	189424	Direct Charge and Transfer	Work Order
3/31/2019	ABANDONED WORK ORDER	0.11	189424	Direct Charge and Transfer	Work Order
3/31/2019	ABANDONED WORK ORDER	0.42	189424	Direct Charge and Transfer	Work Order
3/31/2019	ABANDONED WORK ORDER	0.93	189424	Direct Charge and Transfer	Work Order
4/30/2019	ABANDONED WORK ORDERS	257.55	190276	Direct Charge and Transfer	Work Order
4/30/2019	ABANDONED WORK ORDERS	0.04	190276	Direct Charge and Transfer	Work Order
4/30/2019	ABANDONED WORK ORDERS	3.98	190276	Direct Charge and Transfer	Work Order
4/30/2019	ABANDONED WORK ORDERS	3.63	190276	Direct Charge and Transfer	Work Order
4/30/2019	ABANDONED WORK ORDERS	0.11	190276	Direct Charge and Transfer	Work Order
4/30/2019	ABANDONED WORK ORDERS	1.01	190276	Direct Charge and Transfer	Work Order
4/30/2019	ABANDONED WORK ORDERS	1.41	190276	Direct Charge and Transfer	Work Order
4/30/2019	ABANDONED WORK ORDERS	1.18	190276	Direct Charge and Transfer	Work Order
10/31/2019	ABANDONED WORK ORDERS	10,113.33	195212	Direct Charge and Transfer	Work Order
10/31/2019	ABANDONED WORK ORDERS	0.04	195212	Direct Charge and Transfer	Work Order
10/31/2019	ABANDONED WORK ORDERS	2.64	195212	Direct Charge and Transfer	Work Order
10/31/2019	ABANDONED WORK ORDERS	2.84	195212	Direct Charge and Transfer	Work Order
10/31/2019	ABANDONED WORK ORDERS	0.19	195212	Direct Charge and Transfer	Work Order
10/31/2019	ABANDONED WORK ORDERS	0.80	195212	Direct Charge and Transfer	Work Order
10/31/2019	ABANDONED WORK ORDERS	1.17	195212	Direct Charge and Transfer	Work Order
10/31/2019	ABANDONED WORK ORDERS	1.25	195212	Direct Charge and Transfer	Work Order
		<u>39,240.08</u>			

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 29

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades and John Wolfram

Description of Filing Requirement:

A statement explaining whether the depreciation rates reflected in this filing are identical to those most recently approved by the Commission. If identical, identify the case in which they were approved. If not, provide the depreciation study that supports the rates reflected in this filing

Response:

The depreciation rates reflected in Clark Energy's filing are identical to those most recently approved by the Commission in Case No. 2009-00314, *In the Matter of the Application of Clark Energy Cooperative, Inc. for an Adjustment of Rates* (Ky. P.S.C. Apr. 16, 2010). Additionally, since their implementation in approximately 2010, Clark Energy has depreciated its automated metering infrastructure and related assets at reasonable, industry-standard rates. Please see the Direct Testimony of Holly S. Eades (p. 8), provided at Exhibit 8 to Clark Energy's Application, as well as the Direct Testimony of John Wolfram provided at Exhibit 9 to Clark Energy's Application, and specifically Exhibit JW-2 (Reference Schedule 1.07) thereof.

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 30

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

A copy of all exhibits and schedules that were prepared for the rate application in Excel spreadsheet format with all formulas intact and unprotected and with all columns and rows accessible

Response:

The requested information has been uploaded via the Commission's electronic filing system.

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 31

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

The Distribution Cooperative's TIER, OTIER, and debt service coverage ratio, as calculated by the RUS, for the test year and the five most recent calendar years, including the data used to calculate each ratio

Response:

Please see attached. Clark Energy believes this request seeks information from the test year and the five (5) calendar years most recent to (or preceding) the test year and has provided same.

	2019	2018	2017	2016	2015	2014
A Interest/LTD	\$ 1,788,590	\$ 1,565,192	\$ 1,308,446	\$ 1,211,095	\$ 1,348,611	\$ 1,480,387
B Margins	\$ 2,566,392	\$ 4,292,340	\$ 1,973,783	\$ 3,322,101	\$ 2,300,867	\$ 4,799,882
C TIER (A+B)/A	2.43	3.74	2.51	3.74	2.71	4.24
** D Operating margins	\$ 962,097	\$ 2,234,224	\$ 907,906	\$ 733,953	\$ (40,325)	\$ 2,013,755
E OTIER (A+D)/A	1.54	2.43	1.69	1.61	0.97	2.36
F Depreciation	\$ 5,306,725	\$ 5,146,171	\$ 5,037,709	\$ 4,942,385	\$ 4,820,549	\$ 4,644,105
G Debt Service	\$ 4,837,274	\$ 4,891,121	\$ 4,547,579	\$ 4,612,952	\$ 4,451,802	\$ 4,472,029
H DSC (A+B+F)/G	2.00	2.25	1.83	2.05	1.90	2.44

Note: The 2019 figures above include a one-time inclusion of proceeds from a billing dispute with AT&T.
Excluding that income results in the 2019 financial metrics set forth below.

A	
B	2019
C Interest/LTD	\$ 1,788,590
 Margins	\$ 2,370,490
D TIER (A+B)/A	2.33
E	
 Operating margins	\$ 766,195
F OTIER (A+D)/A	1.43
G	
H Depreciation	\$ 5,306,725
 Debt Service	\$ 4,837,274
 DSC (A+B+F)/G	1.96

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 32

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

A trial balance as of the last day of the test year showing account number, subaccount number, account title, subaccount title, and amount. The trial balance shall include all asset, liability, capital, income, and expense accounts used by the Distribution Cooperative. All income statements accounts should show activity for 12 months. The application should show the balance in each control account and all underlying subaccounts per the company books

Response:

Please see attached.

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General Ledger
 Summary Trial Balance

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Period Ending: DEC 2019

Div	Account	Description	Balance Forward	YTD Trans	Current Month Balance		Year-To-Date Balance	
					Debit	Credit	Debit	Credit
0	100 0	VOID CHECKS	0 00	0 00	0 00	0 00	0 00	0 00
0	106 0	COMPL CONSTR NOT CLASSIFIED	0 00	0 00	0 00	0 00	0 00	0 00
0	107 2	CONSTRUCTION WIP	737,357 92	43,886 69	0 00	539,093 14	781,244 61	0 00
0	107 28	STANTON PARKING GARAGE/WIP	0 00	0 00	0 00	0 00	0 00	0 00
0	107 29	TRANSFORMER CONTAINMENT P	0 00	0 00	0 00	0 00	0 00	0 00
0	107 3	CONSTRUCTION WIP:SPECIAL EQ	0 00	0 00	0 00	0 00	0 00	0 00
0	107 31	CLARK COST/INTERNAL MODULE	0 00	0 00	0 00	0 00	0 00	0 00
0	107 32	CLARK COST/EXTERNAL MODULE	0 00	0 00	0 00	0 00	0 00	0 00
0	107 34	CLARK COST/RELAY BOARDS	0 00	0 00	0 00	0 00	0 00	0 00
0	108 6	ACCUM PROV FOR DEP DIST PLAN	-34,816,562 87	-2,154,317 22	0 00	82,319 72	0 00	36,970,880 09
0	108 7	ACCUM PRO DEP GEN PL HDQU B	-1,597,271 23	-75,030 51	0 00	6,435 06	0 00	1,672,301 74
0	108 71	ACCUM DEPRECIATION/FURNITU	-1,786,410 88	12,801 71	91,781 24	0 00	0 00	1,773,609 17
0	108 72	ACCUM PROV DEP GEN PL TRANS	-2,307,551 05	-298,686 46	0 00	25,271 12	0 00	2,606,237 51
0	108 73	ACCUM PROV DEP GEN PL ST EQU	-97,902 63	-4,611 26	0 00	410 03	0 00	102,513 89
0	108 74	ACCUM PRO DEP GEN PL SHOP EQ	-288,007 92	-10,273 58	0 00	1,090 36	0 00	298,281 50
0	108 75	ACCUM PRO DEP GEN PL LAB EQU	-117,869 41	-4,209 85	0 00	487 91	0 00	122,079 26
0	108 76	ACCUM PRO DEP GEN PL POW EQ	-147,504 89	14,262 35	0 00	510 29	0 00	133,242 54
0	108 77	ACCUM PRO DEP GEN PL COM EQ	-407,938 06	-52,274 08	0 00	5,182 38	0 00	460,212 14
0	108 78	ACCUM PRO DEP GEN PL MIS EQU	-449,695 82	-51,563 33	0 00	2,919 46	0 00	501,259 15
0	108 8	RETIREMENT WIP	111,871 66	28,517 74	0 00	32,118 87	140,389 40	0 00
0	123 1	INVESTMENTS IN ASSOCIATED C	27,974,451 67	1,139,428 39	1,235,726 76	0 00	29,113,880 06	0 00
0	123 12	INVESTMENT/SUBSIDIARY/PROPA	2,235,151 75	263,573 05	322,975 05	0 00	2,498,724 80	0 00
0	123 13	INVESTMENTS ASSOC ORG/PATR	0 00	0 00	0 00	0 00	0 00	0 00
0	123 2	INVESTMENTS/CRC EQUITY INVE	10,000 00	0 00	0 00	0 00	10,000 00	0 00
0	123 21	SUBSCRIPTION CAP TERM CERT-C	0 00	0 00	0 00	0 00	0 00	0 00
0	123 22	INVESTMENTS CAP TERM CERT-C	830,612 85	-4,823 80	0 00	0 00	825,789 05	0 00
0	123 23	INVESTMENTS/ASSOC CO MSHIP	3,600 00	1,000 00	0 00	0 00	4,600 00	0 00
0	123 68	INACTIVE ACCOUNT NUMBER	0 00	0 00	0 00	0 00	0 00	0 00
0	123 69	INACTIVE ACCOUNT NUMBER	0 00	0 00	0 00	0 00	0 00	0 00
0	124 0	OTHER INVESTMENTS	0 00	0 00	0 00	0 00	0 00	0 00
0	124 1	INVESTMENTS/ECONOMIC DEVEL	2,000,000 00	-74,076 00	0 00	18,519 00	1,925,924 00	0 00
0	128 0	SPECIAL FUNDS	160,255 30	-44,406 40	0 00	0 00	115,848 90	0 00
0	131 0	CASH-PEOPLES EXCHANGE	501,268 56	-32,379 05	137,084 85	0 00	468,889 51	0 00
0	131 11	CASH-GENERAL-WHITAKER BAN	161,967 99	-138,235 83	0 00	12,334 86	23,732 16	0 00
0	131 12	CASH-GENERAL-TRADITIONAL B	70,183 38	-60,835 22	0 00	9,048 60	9,348 16	0 00
0	131 14	FSA CAFETERIA PLAN/PEOPLES E	7,341 99	-3,232 49	27 46	0 00	4,109 50	0 00
0	131 15	CASH/PEOPLES BANK OF MADISO	11,125 82	-11,125 82	0 00	0 00	0 00	0 00
0	131 16	CASH - CAPITAL CREDIT FUND	9,530 44	-1,277 11	0 00	0 00	8,253 33	0 00
0	131 2	CASH-CONSTRUCTION FUND	0 00	0 00	0 00	0 00	0 00	0 00

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 Summary Trial Balance

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Period Ending: DEC 2019

Div	Account	Description	Balance Forward	YTD Trans	----- Current Month Balance -----		----- Year-To-Date Balance -----	
					Debit	Credit	Debit	Credit
0	131 4	TRANSFER OF CASH	0.00	0.00	0.00	0.00	0.00	0.00
0	134 0	SPECIAL DEPOSITS MEMBERSHIP	30.00	0.00	0.00	0.00	30.00	0.00
0	135 0	WORKING FUNDS	1,800.00	0.00	0.00	0.00	1,800.00	0.00
0	136 0	TEMPORARY CASH INVESTMENTS	0.00	0.00	0.00	0.00	0.00	0.00
0	142.0	CUSTOMER ACCOUNTS RECEIVA	1,800,098.45	-244,392.09	19,858.21	0.00	1,555,706.36	0.00
0	142 99	ACCOUNTS RECEIVABLE CLEARI	0.00	0.00	0.00	0.00	0.00	0.00
0	143 0	OTHER ACCOUNTS RECEIVABLE	558,126.64	72,854.02	45,805.75	0.00	630,980.66	0.00
0	143 01	FLEMING MASON/ASSISTANCE	0.00	0.00	0.00	0.00	0.00	0.00
0	143 02	EKP/DIRECT LOAD CONTROL/CUS	585.00	-240.00	0.00	0.00	345.00	0.00
0	143 05	MISCELLANEOUS IN/OUTS TO 143.	8,988.61	-8,988.61	0.00	150.41	0.00	0.00
0	143 06	CLARK ENERGY SERVICES	0.00	0.00	0.00	0.00	0.00	0.00
0	143.07	OUTAGE ASSISTANCE/RAPPAHAN	0.00	0.00	0.00	0.00	0.00	0.00
0	143 08	GEORGIA/OUTAGE ASSISTANCE L	0.00	0.00	0.00	0.00	0.00	0.00
0	143 09	IRWIN COOP/GEORGIA ASSISTAN	0.00	0.00	0.00	0.00	0.00	0.00
0	143 1	ACCTS RECEIVABLE/EMPLOYEE I	0.00	0.00	0.00	0.00	0.00	0.00
0	143 11	ACCTS RECEIVABLE/COLONIAL P	622.91	-73.20	0.00	0.00	549.71	0.00
0	143 12	ACCT RECEIVABLE/MET LIFE INS	0.00	0.00	0.00	0.00	0.00	0.00
0	143 13	EMPLOYEE ADDITIONAL LIFE/NR	0.00	0.00	0.00	0.00	0.00	0.00
0	143.14	EMPLOYEE 401K PAYMENTS	0.00	0.00	0.00	0.00	0.00	0.00
0	143 15	DENTAL INSURANCE/METLIFE	0.00	-27.16	0.00	27.16	0.00	27.16
0	143 16	EMPLOYEE MISC DEDUCTIONS	818.76	-244.42	7,548.93	0.00	574.34	0.00
0	143 17	EMPLOYEE CONTRIBUTIONS/ALL	0.00	0.00	0.00	0.00	0.00	0.00
0	143 18	EMPLOYEE CONDOLENCE FUND	-1,687.66	-460.50	514.50	0.00	0.00	2,148.16
0	143 19	EMPLOYEE PREMIUMS/EYEMED V	0.00	-11.27	0.00	11.27	0.00	11.27
0	143 2	ACCTS REC'V/SELECTRE LOANS	0.00	0.00	0.00	0.00	0.00	0.00
0	143 21	ONEAMERICA SHORT TERM DISA	0.00	403.94	0.00	0.00	403.94	0.00
0	143 25	CLARK SOCIAL COMMITTEE	14.28	202.90	0.00	80.01	217.18	0.00
0	143 3	ACCTS REC'V/KY INFORMATION	0.00	0.00	0.00	0.00	0.00	0.00
0	143 4	EMPLOYEE ACRE & SURE DONATI	0.00	-186.00	0.00	62.00	0.00	186.00
0	143 6	ACCTS REC'V/ELECTRONIC PAYM	42,848.68	2,596.51	2,948.94	0.00	45,445.19	0.00
0	143 7	ACCT. REC'V/CLARK ENERGY - PR	0.00	-200.00	0.00	0.00	0.00	200.00
0	143 72	THREE NOTCH/GEORGIA /18 OUT	0.00	0.00	0.00	0.00	0.00	0.00
0	143 74	STORM ASSISTANCE '19/WEST KY	0.00	0.00	0.00	0.00	0.00	0.00
0	143 75	EKP/SOLAR CREDITS	0.00	10.35	1.39	0.00	10.35	0.00
0	143.76	EAST KY NETWORK/ENG	0.00	0.00	0.00	0.00	0.00	0.00
0	143 8	EAST KY POWER/REIMBURSEMEN	0.00	-2,450.00	0.00	4,365.00	0.00	2,450.00
0	143 9	'18 OUTAGE ASSISTANCE/SALT RI	12,870.55	-12,870.55	0.00	0.00	0.00	0.00
0	143 91	OUTAGE ASSISTANCE'19 JACKSO	0.00	0.00	0.00	0.00	0.00	0.00
0	143 93	POWELL VALLEY MILL.WORK/RE	0.00	0.00	0.00	0.00	0.00	0.00

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Period Ending: DEC 2019

Div	Account	Description	Balance Forward	YTD Trans	Current Month Balance		Year-To-Date Balance	
					Debit	Credit	Debit	Credit
0	143.94	ADJUSTED BILLING INSTALLMEN	63,244.21	-9,220.38	0.00	4,260.14	54,023.83	0.00
0	143.99	MR CLEARING ACCOUNT	0.00	0.00	0.00	0.00	0.00	0.00
0	144.1	ACCUM PROV UNCOLLECTIBLE A	-61,615.52	-4,123.42	2,290.27	0.00	0.00	65,738.94
0	154.0	MATERIAL & SUPPLIES-ELECTRIC	628,305.13	-141,497.64	0.00	13,362.70	486,807.49	0.00
0	154.1	FUEL INVENTORY	8,678.30	1,093.84	0.00	64.16	9,772.14	0.00
0	155.0	MERCHANDISE/ETS UNITS	2,964.13	288.20	0.00	1,409.30	3,252.33	0.00
0	155.4	INVENTORY/GARAGE	1,330.49	1,753.47	0.00	348.59	3,083.96	0.00
0	163.0	STORES EXPENSE	0.00	0.00	0.00	0.00	0.00	0.00
0	165.1	PREPAYMENTS-INSURANCE/FEDE	12,226.46	180.68	0.00	12,233.43	12,407.14	0.00
0	165.12	PREPAY/NRECA R&S CONTRIBUTI	8,742.75	-8,742.75	0.00	57,011.88	0.00	0.00
0	165.14	PREPAYMENTS/WORKERS' COMP I	52,271.00	23,812.00	70,139.22	0.00	76,083.00	0.00
0	165.16	PREPAYMENTS/NRECA DUES	26,374.16	40.04	0.00	2,641.42	26,414.20	0.00
0	165.17	PREPAYMENTS/KAFC DUES	0.00	0.00	0.00	5,449.89	0.00	0.00
0	165.18	PREPAYMENTS/R/WAY	0.00	0.00	0.00	0.00	0.00	0.00
0	165.2	PREPAYMENTS/HUNT TECHNOLO	0.00	0.00	0.00	0.00	0.00	0.00
0	171.0	INTEREST/DIVIDENDS RECEIVABL	9,576.91	-263.31	3,000.00	0.00	9,313.60	0.00
0	181.0	UNAMORTIZED DEBT EXPENSE	0.00	0.00	0.00	0.00	0.00	0.00
0	182.0	EXTRAORDINARY PROPERTY LOS	0.00	0.00	0.00	0.00	0.00	0.00
0	184.1	TRANSPORTATION EXPENSE	0.00	0.00	0.00	0.00	0.00	0.00
0	186.0	DEFERRED DEBITS/PARTNERS SO	0.00	0.00	0.00	0.00	0.00	0.00
0	186.1	DEFERRED DEBIT/RADIO LEASE	11,250.00	0.00	0.00	1,250.00	11,250.00	0.00
0	186.2	DEFERRED DEBITS/BECKNERVII.	231,000.00	-16,500.00	0.00	1,375.00	214,500.00	0.00
0	186.3	DEFERRED DEBIT/RS PREPAYMEN	1,728,528.10	-183,560.40	0.00	15,296.70	1,544,967.70	0.00
0	186.4	GPS IMPLEMENTATION	662,890.84	-40,560.00	0.00	3,380.00	622,330.84	0.00
0	201.1	PATRONS CAPITAL CREDITS	-53,465,417.08	-3,032,170.43	0.00	0.00	0.00	56,497,587.51
0	201.2	PATRONAGE CAPITAL ASSIGNAB	-4,292,339.92	1,725,947.08	0.00	2,566,392.84	0.00	2,566,392.84
0	208.0	DONATED CAPITAL	-464,815.51	0.00	0.00	0.00	0.00	464,815.51
0	214.0	OTHER COMPREHENSIVE INCOME	763,558.00	950,018.00	0.00	1,058.00	1,713,576.00	0.00
0	217.0	CAPITAL CREDITS/RETIRED NO C	-9,182.79	-470.66	0.00	0.00	0.00	9,653.45
0	217.1	CAPITAL CREDITS/UNCLAIMED	-2,856,190.62	-483,710.38	0.00	0.00	0.00	3,339,901.00
0	218.0	CAPITAL GAINS AND LOSSES	-5,509.78	0.00	0.00	0.00	0.00	5,509.78
0	219.1	OPERATING MARGINS	0.00	0.00	0.00	0.00	0.00	0.00
0	219.11	PRIOR YEARS DEFICITS	0.00	0.00	0.00	0.00	0.00	0.00
0	219.2	NON-OPERATING MARGINS	0.00	0.00	0.00	0.00	0.00	0.00
0	219.4	OTHER MARGINS & EQUITIES/PRI	0.00	0.00	0.00	0.00	0.00	0.00
0	224.11	OTHER LONG TERM DEBT-SUBSC	0.00	0.00	0.00	0.00	0.00	0.00
0	224.12	OTHER LONG TERM DEBT-CFC	-9,455,143.83	1,177,299.68	47,497.86	0.00	0.00	8,277,844.15
0	224.13	CFC NOTES EXECUTED-DEBIT	0.00	0.00	0.00	0.00	0.00	0.00
0	224.29	CURRENT LIABILITY/RUS	0.00	0.00	0.00	0.00	0.00	0.00

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Period Ending: DEC 2019

Div	Account	Description	Balance Forward	YTD Trans	Current Month Balance		Year-To-Date Balance	
					Debit	Credit	Debit	Credit
0	224 3	LONG TERM DEBT/RUS	0.00	0.00	0.00	0.00	0.00	0.00
0	224 31	LONG TERM DEBT/FFB	-61,513,471.74	1,805,934.79	462,153.86	0.00	0.00	59,707,536.95
0	224 4	REDL/POWELL VALLEY MILLWOR	-2,000,000.00	55,557.00	18,519.96	0.00	0.00	1,944,443.00
0	224 41	FFB LOANS - DEBIT/UNADVANCE	11,000,000.00	-3,000,000.00	0.00	0.00	8,000,000.00	0.00
0	224 5	INTEREST ACCRUED-DEFERRED-R	0.00	0.00	0.00	0.00	0.00	0.00
0	224 6	ADVANCE PAYMENTS UNAPPLIE	0.00	0.00	0.00	0.00	0.00	0.00
0	228 3	ACCLUM PROV/PENSIONS & BENEF	-2,943,210.27	-1,045,545.97	0.00	2,300.56	0.00	3,988,756.24
0	228 31	ACCLUM PROV/RETIREMENT PENS	-88,009.95	41,649.56	46,774.13	0.00	0.00	46,360.39
0	231 0	NOTES PAYABLE	-1,700,000.00	-200,000.00	0.00	1,680,736.47	0.00	1,900,000.00
0	232 1	ACCTS/PAYABLE-GENERAL	-432,208.15	-155,653.76	314,328.39	0.00	0.00	587,861.91
0	232 11	ACCTS PAYABLE-N/N - OTHER MI	-690.91	-346.23	0.00	45.92	0.00	1,037.14
0	232 13	ACCTS PAYABLE/CAPITAL CREDI	0.00	0.00	0.00	0.00	0.00	0.00
0	232 14	ACCTS PAYABLE/ACCRUE HEALT	-49,823.63	49,823.63	46,215.11	0.00	0.00	0.00
0	235 0	CUSTOMER DEPOSITS	-1,078,190.97	28,165.32	10,819.01	0.00	0.00	1,050,025.65
0	235 1	CONSUMER DEP-ADDRESS UNKN	-5,398.08	-1,229.88	319.82	0.00	0.00	6,627.96
0	236 1	ACCRUED PROPERTY TAX	-114,987.14	-292,038.61	81,875.22	0.00	0.00	407,025.75
0	236 2	ACCRUED US UNEMPLOYMENT T	-12.64	12.64	0.00	0.00	0.00	0.00
0	236 3	ACCRUED US S S TAX FICA	0.00	0.00	0.00	0.00	0.00	0.00
0	236 4	ACCRUED STATE UNEMPLOYMEN	-21.23	20.79	0.00	0.00	0.00	0.44
0	236 5	ACCRUED ST SALES TAX-CONSU	-22,103.98	7,346.89	4,469.01	0.00	0.00	14,757.09
0	236 6	ACCRUED GROSS REVENUE SCHO	-130,445.04	15,182.51	0.00	12,436.31	0.00	115,262.53
0	236 7	PSC ASSESSMENT (TAX)	30,497.32	2,379.05	0.00	5,479.39	32,876.37	0.00
0	236 8	TAXES ACCRUED-PAYROLL COUN	-13,642.04	-127.01	0.00	4,499.16	0.00	13,769.05
0	236 83	TAX ACCRUAL-PAYROLL/STANTO	-139.79	-30.24	0.00	56.99	0.00	170.03
0	236 84	UTILITY FRANCHISE TAX	-4,093.70	462.17	0.00	148.35	0.00	3,631.53
0	236 85	RIGHT-OF-WAY FEES/FAYETTE C	-42.92	62.50	0.00	244.40	19.58	0.00
0	237 1	INTEREST ACCRUED-RUS	0.00	0.00	0.00	0.00	0.00	0.00
0	237 2	INTEREST ACCRUAL/FFB-LTD	0.00	0.00	240,960.00	0.00	0.00	0.00
0	237 3	INTEREST ACCRUED	0.00	0.00	21,541.34	0.00	0.00	0.00
0	237 4	INTEREST ACCRUED-CFC	-16,456.34	8,091.41	0.00	8,364.93	0.00	8,364.93
0	237 41	INT ACCRUAL/NOTES PAYABLE	-1,373.80	-264.56	3,000.69	0.00	0.00	1,638.36
0	238 99	CAPITAL CREDIT HOLDING/CLEA	0.00	0.00	0.00	0.00	0.00	0.00
0	241 1	TAX COLL-PAYABLE FED INC TX	0.00	0.00	0.00	0.00	0.00	0.00
0	241 2	TAX COLL-PAYABLE KY INC TAX	-6,632.26	359.92	0.00	6,272.34	0.00	6,272.34
0	241 34	DEPENDENT CARE FSA	-399.90	-1,476.00	23.70	0.00	0.00	1,875.90
0	241 35	2018 EMPLOYEE FSA	-1,125.10	779.50	0.00	0.00	0.00	345.60
0	241 36	2019 EMPLOYEE FSA	0.00	-2,391.55	0.00	461.98	0.00	2,391.55
0	241 37	2020 EMPLOYEE FSA	0.00	0.00	0.00	0.00	0.00	0.00
0	241 38	EMPLOYER HRA	0.00	19,320.54	410.82	0.00	19,320.54	0.00

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Div	Account	Description	Balance Forward	YTD Trans	Current Month Balance		Year-To-Date Balance	
					Debit	Credit	Debit	Credit
0	241 39	2017 EMPLOYEE FSA	-110 25	0 00	0 00	0 00	0 00	110 25
0	242 2	ACCRUED PAYROLL	-164,302 99	-6,938 16	0 00	21,366 70	0 00	171,241 15
0	242 21	ACCRUAL-PAYROLL/CHRISTMAS	0 00	0 00	18,755 00	0 00	0 00	0 00
0	242 3	ACCRUED LIABILITIES/VACATION	-182,419 66	-677 33	9,445 29	0 00	0 00	183,096 99
0	242 6	ACCRUED LIABILITIES-SICK LEAV	-492,328 30	4,103.35	0 00	4,833 41	0 00	488,224 95
0	242 99	PAYROLL HOLDING/CLEARING A	0 00	0 00	0 00	0 00	0 00	0 00
0	252 0	CUSTOMER ADVANCES FOR CONS	-183,283 68	-34,301 77	24,816 05	0 00	0 00	217,585 45
0	253 0	OTHER DEFERRED CREDITS	0 00	0 00	0 00	0 00	0 00	0 00
0	253 1	DEFERRED CREDIT/METER INSTA	0 00	0 00	0 00	0 00	0 00	0 00
0	301 0	ORGANIZATIONS	182 90	0 00	0 00	0 00	182 90	0 00
0	360 0	LAND & LAND RIGHTS	4,180 50	0 00	0 00	0 00	4,180 50	0 00
0	360.1	LAND & LAND RIGHTS	109,098.33	0 00	0 00	0 00	109,098 33	0 00
0	360 2	LAND/STANTON OFFICE	76,299 84	0 00	0 00	0 00	76,299 84	0 00
0	360 3	LAND/FRENCHBURG	114,429.00	0 00	0 00	0 00	114,429 00	0 00
0	362 0	STATION EQUIPMENT/AMI/TS2/SC	1,267,984 64	-160,432 62	0 00	0 00	1,107,552 02	0 00
0	364 0	POLES TOWERS FIXTURES	33,220,062 95	1,144,721 21	316,220 09	0 00	34,364,784 16	0 00
0	365 0	OVERHEAD CONDUCTORS & DEVI	37,621,096.52	1,122,424 43	402,450 84	0 00	38,743,520 95	0 00
0	366 0	UNDERGROUND CONDUIT	2,714,288 65	12,219.89	801.73	0 00	2,726,508 54	0 00
0	367 0	UNDERGROUND CONDUCTORS:D	5,874,425 73	355,174 73	58,059 62	0 00	6,229,600 46	0 00
0	368 0	LINE TRANSFORMERS	16,316,228.88	348,420 38	37,326.01	0 00	16,664,649 26	0 00
0	369 0	SERVICES	11,922,021 66	536,293 81	50,133 05	0 00	12,458,315 47	0 00
0	370 0	METERS	2,114,361 72	-366,144 00	0 00	87.33	1,748,217 72	0 00
0	370.1	AUTOMATED METER READING	1,197,816 24	-501,215 73	0 00	0 00	696,600 51	0 00
0	370 4	AMI/TS2 MODULES	476,608.56	-44,325 15	0 00	0 00	432,283.41	0 00
0	370 5	RF METERING	2,912,326.78	1,254,192 04	27,200 03	0 00	4,166,518 82	0 00
0	371 0	INSTALLATION:CONSUMER PREM	3,206,739 43	208,482 23	11,323 31	0 00	3,415,221 66	0 00
0	373 0	STREET LIGHTING: SIGNAL SYSTE	662,798 50	112,258 31	6,877 45	0 00	775,056 81	0 00
0	389 0	LAND & LAND RIGHTS	16,614 25	0 00	0 00	0 00	16,614 25	0 00
0	390 0	STRUCTURES & IMPROVEMENTS-	769,780 45	8,638 00	0 00	0 00	778,418 45	0 00
0	390 01	STRUCTURES/IMPROVEMENTS-ST	0 00	0 00	0 00	0 00	0 00	0 00
0	390 02	STRUCTURES/IMPROVEMENTS-FB	0 00	0 00	0 00	0 00	0 00	0 00
0	390 03	STRUCTURE/IMPROVEMENT-WAR	23,442 79	0 00	0 00	0 00	23,442 79	0 00
0	390 04	STRUCTURE/IMPROVEMENT-FIEL	27,789.11	0 00	0 00	0 00	27,789 11	0 00
0	390 05	STRUCTURE/IMPROVEMENT-GAR	119,261 32	0 00	0 00	0 00	119,261 32	0 00
0	390 06	METER SHOP/GARAGE	129,990 32	0 00	0 00	0 00	129,990 32	0 00
0	390 07	NEW WAREHOUSE	297,893.28	0 00	0 00	0 00	297,893 28	0 00
0	390 08	EQUIPMENT SHED	26,521 90	0 00	0 00	0 00	26,521 90	0 00
0	390 09	NEW STANTON OFFICE	743,095.67	0 00	0 00	0 00	743,095 67	0 00
0	390 1	OPERATIONS BUILDING	873,535 91	0 00	0 00	0 00	873,535.91	0 00

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Div	Account	Description	Balance Forward	YTD Trans	Current Month Balance		Year-To-Date Balance	
					Debit	Credit	Debit	Credit
0	390 11	NEW FRENCHBURG OFFICE	616,346 21	0 00	0 00	0 00	616,346 21	0 00
0	390 12	STANTON GARAGE	117,473 59	0 00	0 00	0 00	117,473 59	0 00
0	390 13	FRENCHBURG GARAGE	0 00	117,124 81	6,720 21	0 00	117,124 81	0 00
0	391 0	OFFICE FURNITURE/EQUIPMENT	364,413 88	4,727 60	1,181 90	0 00	369,141 48	0 00
0	391.01	COMPUTER/EQUIPMENT	1,063,357 32	16,302 04	0 00	80,765 05	1,079,659 36	0 00
0	391 02	COMPUTER SOFTWARE	566,810 10	20,626 22	0 00	0 00	587,436 32	0 00
0	392 0	TRANSPORTATION EQUIPMENT	3,608,450 63	19,675 10	0 00	0 00	3,628,125 73	0 00
0	393 0	STORES EQUIPMENT	126,641 92	6,041 02	1,421 68	0 00	132,682 94	0 00
0	394 0	TOOLS-SHOP-GARAGE EQUIPMEN	376,846 75	9,704 52	0 00	0 00	386,551 27	0 00
0	395 0	LABORATORY EQUIPMENT	134,381 32	38,675 55	0 00	0 00	173,056 87	0 00
0	396 0	POWER OPERATED EQUIPMENT	182,210 00	-19,544 82	0 00	0 00	162,665 18	0 00
0	397 0	COMMUNICATIONS EQUIPMENT	684,779 05	169,545 65	0 00	0 00	854,324 70	0 00
0	398 0	MISCELLANEOUS EQUIPMENT	599,994 32	40,534 82	0 00	0 00	640,529 14	0 00
0	403 6	DEPRECIATION EX-DIST PLANT	0 00	5,028,015 01	425,670 91	0 00	5,028,015 01	0 00
0	403 7	DEPRECIATION EX-GENERAL PLA	0 00	278,709 67	24,153 27	0 00	278,709 67	0 00
0	407 0	AMORTIZATION PROPERTY LOSS	0 00	0 00	0 00	0 00	0 00	0 00
0	408 5	TAXES-PSC ASSESSMENT	0 00	63,373 66	5,479 39	0 00	63,373 66	0 00
0	415 0	REVENUES/MERCHANDISING	0 00	0 00	0 00	0 00	0 00	0 00
0	416 0	EXPENSES/MERCHANDISING	0 00	0 00	0 00	0 00	0 00	0 00
0	418 1	EQUITY/EARNINGS OF SUBSIDIAR	0 00	-335,975 05	0 00	335,975 05	0 00	335,975 05
0	418 15	SUBSIDIARIES/PROPANE EXPENSE	0 00	80,672 28	13,000 00	0 00	80,672 28	0 00
0	419 0	INTEREST & DIVIDENDS INCOME	0 00	-57,924 44	0 00	3,000 23	0 00	57,924 44
0	421 0	MISCELLANEOUS NONOPERATIN	0 00	0 00	0 00	0 00	0 00	0 00
0	421 1	GAIN/LOSS ON DISPOSITION OF P	0 00	-12,289 00	0 00	0 00	0 00	12,289 00
0	423 0	GEN/TRANS COOP CAPITAL CREDI	0 00	-1,217,024 38	0 00	1,224,000 00	0 00	1,217,024 38
0	424 0	CAPITAL CREDITS/OTHER ORANIZ	0 00	-61,755 37	0 00	14,770 76	0 00	61,755 37
0	426 1	DONATIONS	0 00	13,243 68	288 51	0 00	13,243 68	0 00
0	426 3	PENALTIES	0 00	69 53	0 00	0 00	69 53	0 00
0	426 5	OTHER DEDUCTIONS	0 00	39,240 08	0 00	0 00	39,240 08	0 00
0	427 15	INTEREST-FFB CONSTRUCTION L	0 00	1,463,223 15	119,760 76	0 00	1,463,223 15	0 00
0	427 2	CFC LID/INTEREST ACCRUAL	0 00	325,366 74	26,236 00	0 00	325,366 74	0 00
0	428 0	AMORTIZATION DEBT EXPENSE	0 00	0 00	0 00	0 00	0 00	0 00
0	431 0	OTHER INTEREST EXPENSE	0 00	63,195 49	4,363 75	0 00	63,195 49	0 00
0	435 1	EXTRAORDINARY ITEMS/FAS 106	0 00	0 00	0 00	0 00	0 00	0 00
0	440.1	RESIDENTIAL SALES-RURAL	0 00	-36,397,639 01	0 00	3,148,960 56	0 00	36,397,639 01
0	442 1	COMMERCIAL/INDUSTRIAL SALE	0 00	-9,111,803 55	0 00	704,719 58	0 00	9,111,803 55
0	442 2	COMMERCIAL/IND SALES-LARGE	0 00	-887,521 96	0 00	59,331 61	0 00	887,521 96
0	444 0	PUBLIC STREET/HIGHWAY LIGHTI	0 00	-120,842 52	0 00	10,762 15	0 00	120,842 52
0	450 0	FORFEITED DISCOUNTS/LATE CH	0 00	-479,658 99	0 00	43,020 26	0 00	479,658 99

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Div	Account	Description	Balance Forward	YTD Trans	Current Month Balance		Year-To-Date Balance	
					Debit	Credit	Debit	Credit
0	451 0	MISCELLANEOUS SERVICE REVE	0 00	-112,245 00	0 00	4,625 00	0 00	112,245 00
0	454 0	RENT FROM ELECTRIC PROPERTY	0 00	-867,179 37	0 00	59,370 90	0 00	867,179 37
0	456.0	OTHER ELFCTRIC SVCS/REVENUE	0.00	-685 00	0 00	80 00	0 00	685 00
0	555 0	PURCHASED POWER	0 00	31,106,651 00	2,739,659.00	0 00	31,106,651.00	0 00
0	580.0	OPERATION: SUPERVISION: ENGIN	0 00	67,736 66	5,754 47	0 00	67,736 66	0 00
0	582 0	STATION EXPENSE	0 00	6,435 57	487 71	0 00	6,435 57	0 00
0	583 0	OVERHEAD LINE EXPENSE	0 00	797,360 79	59,995 30	0 00	797,360 79	0 00
0	583.1	LINE EXPENSE/TROUBLE CALLS	0 00	11,406 16	1,142 56	0 00	11,406 16	0 00
0	583.2	LINE PATROL/TROUBLE SHOOTIN	0 00	1,744.24	0 00	0 00	1,744.24	0 00
0	583.3	OVERHEAD EQUIP/INSPECTION	0 00	726 90	64 25	0 00	726.90	0 00
0	583.4	CONTRACT LINE PATROL INSPEC	0 00	33,340.00	2,340.00	0 00	33,340.00	0 00
0	583.5	CONTRACT TRANSFORMER INSTA	0 00	22,305 77	5,094 63	0 00	22,305 77	0 00
0	584 0	UNDERGROUND LINE EXPENSE	0 00	77,717 40	6,476 45	0 00	77,717 40	0 00
0	585 0	STREET LIGHTING/SIGNAL SYS EX	0 00	1,525 08	127 09	0 00	1,525 08	0 00
0	586 0	METER EXPENSE	0 00	138,976 80	41,343 02	0 00	138,976 80	0 00
0	586 2	ROUTINE METER CHANGES	0 00	85,010 61	1,628 90	0 00	85,010 61	0 00
0	586 3	TRAINING EXPENSE	0 00	7,957 48	0 00	0 00	7,957 48	0 00
0	586 4	AMR SOFTWARE TRAINING	0 00	3,911 44	0 00	0 00	3,911.44	0 00
0	586 41	AMR - TURTLE TROUBLE	0 00	4,114 36	0 00	0 00	4,114 36	0 00
0	587 0	CONSUMER INSTALLATION EXPE	0 00	129,970 66	10,589 21	0 00	129,970 66	0 00
0	588 0	MISCELLANEOUS DISTRIBUTION	0 00	288,411 58	22,454 34	0 00	288,411.58	0 00
0	588 1	MAPPING/DATABASE	0 00	27,918 58	1,382 39	0 00	27,918 58	0 00
0	588 11	CALL CENTER (CRC) EXPENSES	0 00	54,600 57	3,877 41	0 00	54,600.57	0 00
0	588 25	GPS EXPENSE	0 00	119,818.72	11,048 60	0 00	119,818 72	0 00
0	588 3	FIELD COUNT/POLE ATTACHMEN	0 00	36,417 99	0 00	0 00	36,417.99	0 00
0	588 4	MAPPING/TRAINING EXPENSES	0 00	2,299 42	0 00	0 00	2,299 42	0 00
0	588 9	CONTRACT LAWN CARE/CLEANIN	0 00	69,925 14	5,188 31	0 00	69,925 14	0 00
0	589 0	RENTS	0 00	17,507 00	1,250.00	0 00	17,507 00	0 00
0	590 0	MAINTENANCE: SUPERVISION: EN	0 00	175,190 88	14,249 73	0 00	175,190 88	0 00
0	592 0	MAINTENANCE/STATION EQUIPM	0 00	12,818.16	1,068 18	0 00	12,818 16	0 00
0	593 0	MAINTENANCE OVERHEAD LINES	0 00	376,027.17	30,324 72	0 00	376,027 17	0 00
0	593 1	OUTAGES/REG AND OT	0 00	626,606.25	33,098.61	0 00	626,606.25	0 00
0	593 11	MAINTENANCE EXPENSE/DAMAG	0 00	3,966 72	1,500 00	0 00	3,966 72	0 00
0	593 14	REST TIME/MANDANTORY REST	0 00	7,849.83	220.71	0 00	7,849 83	0 00
0	593 15	STANDBY COMPENSATION/NO OU	0 00	41,890.79	3,466.14	0 00	41,890 79	0 00
0	593 2	OCR REPAIRS	0 00	14,719.21	501 42	0 00	14,719 21	0 00
0	593 22	TRAINING EXPENSE	0 00	8,641.63	0 00	0 00	8,641 63	0 00
0	593 23	COPPER REPLACEMENT/THEFTS	0 00	0 00	0 00	0 00	0 00	0 00
0	593 3	CONTRACT POLE TREATING	0 00	111,402.19	0 00	0 00	111,402 19	0 00

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Div	Account	Description	Balance Forward	YTD Trans	Current Month Balance		Year-To-Date Balance	
					Debit	Credit	Debit	Credit
0	593.4	MATERIAL/EXPENSED	0.00	22,825.64	2,532.87	0.00	22,825.64	0.00
0	593.88	R/WAY CUTTING/PER TREE	0.00	0.00	0.00	0.00	0.00	0.00
0	593.89	R/WAY/ALTERNATIVE METHOD	0.00	2,442.16	0.00	0.00	2,442.16	0.00
0	593.9	MAINTENANCE/RIGHT-OF-WAY	0.00	1,220,792.45	136,974.12	0.00	1,220,792.45	0.00
0	593.91	R/WAY-SERVICE ORDERS	0.00	310,365.33	24,405.41	0.00	310,365.33	0.00
0	593.92	R/WAY-CLEARING STORMS	0.00	33,860.95	0.00	0.00	33,860.95	0.00
0	593.94	R/WAY-HERBICIDE USE	0.00	220,668.31	43,199.60	0.00	220,668.31	0.00
0	593.95	MISCELLANEOUS/R-WAY	0.00	11,004.60	20.77	0.00	11,004.60	0.00
0	593.97	R/WAY MANAGEMENT	0.00	133,290.06	11,718.49	0.00	133,290.06	0.00
0	593.99	R/WAY/CLARK EMPLOYEES	0.00	1,388.63	0.00	0.00	1,388.63	0.00
0	594.0	MAINTENANCE UNDERGROUND L	0.00	2,080.89	0.00	0.00	2,080.89	0.00
0	594.1	URD TROUBLE CALLS EXPENSE	0.00	3,051.54	0.00	0.00	3,051.54	0.00
0	594.2	URD LOCATES/811	0.00	60,886.96	3,467.66	0.00	60,886.96	0.00
0	594.94	CONTRACT URD LINE INSPECTIO	0.00	27,560.00	420.00	0.00	27,560.00	0.00
0	595.0	MAINTENANCE LINE TRANSFORM	0.00	1,884.48	0.00	0.00	1,884.48	0.00
0	595.1	TRANSFORMER/REPAIR AND DISP	0.00	16,240.20	294.00	0.00	16,240.20	0.00
0	595.2	CONTRACT/URD PAINTING & REP	0.00	5,840.00	0.00	0.00	5,840.00	0.00
0	596.0	MAINTENANCE STREET LITES/SIG	0.00	548.23	0.00	0.00	548.23	0.00
0	597.0	MAINTENANCE METERS	0.00	2,992.50	0.00	0.00	2,992.50	0.00
0	597.1	CONTRACT METER TESTING	0.00	56,178.62	4,780.41	0.00	56,178.62	0.00
0	598.0	MAINTENANCE MISC DISTRIB PLA	0.00	7,858.72	588.87	0.00	7,858.72	0.00
0	901.0	SUPERVISION CONSUMER ACCOU	0.00	86,849.07	6,948.21	0.00	86,849.07	0.00
0	902.0	METER READING EXPENSE	0.00	6,688.06	487.42	0.00	6,688.06	0.00
0	902.1	REQUIRED METER READING EXPE	0.00	0.00	0.00	0.00	0.00	0.00
0	902.11	AMR OPERATING EXPENSES	0.00	98,292.27	6,895.43	0.00	98,292.27	0.00
0	903.0	CUSTOMER RECORD/COLLECTION	0.00	735,209.21	56,243.37	0.00	735,209.21	0.00
0	903.01	POSTAGE/CUSTOMER RELATED	0.00	121,339.02	9,887.28	0.00	121,339.02	0.00
0	903.1	COLLECTION CONNECTIONS	0.00	3,229.00	261.43	0.00	3,229.00	0.00
0	903.2	CUST/REC/COLLECT EX-OVER/SH	0.00	159.45	0.00	8.68	159.45	0.00
0	903.3	NISC COMPUTING CHARGES	0.00	151,483.31	12,274.03	0.00	151,483.31	0.00
0	903.4	COLLECTION AGENCY FEES	0.00	4,903.03	406.32	0.00	4,903.03	0.00
0	903.5	ONLINE CREDIT CHECK FEE	0.00	2,081.67	176.94	0.00	2,081.67	0.00
0	903.6	TVR/E-CHECK FEES	0.00	103,356.12	8,948.00	0.00	103,356.12	0.00
0	904.0	UNCOLLECTIBLE ACCOUNTS	0.00	0.00	0.00	0.00	0.00	0.00
0	907.0	SUPERVISION/CUSTOMER SERVIC	0.00	38,276.97	3,317.61	0.00	38,276.97	0.00
0	908.0	CUSTOMER ASSISTANCE EXPENS	0.00	284,845.48	23,564.62	0.00	284,845.48	0.00
0	908.1	CUST ASSISTANCE EXP/E AUDITS/	0.00	18,883.02	729.20	0.00	18,883.02	0.00
0	908.2	EKP DSM/LOST REVENUE CREDIT	0.00	-27,296.56	0.00	870.00	0.00	27,296.56
0	908.3	CUST SERVICE EXP/EKP TRANSFL	0.00	-4,220.00	0.00	90.00	0.00	4,220.00

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Div	Account	Description	Balance Forward	YTD Trans	Current Month Balance		Year-To-Date Balance	
					Debit	Credit	Debit	Credit
0	909.0	INFORMATION/INSTRUCTION AD	0.00	6,641.92	841.25	0.00	6,641.92	0.00
0	909.1	INFORMATION EXP/SAFETY TRAI	0.00	4,374.00	751.05	0.00	4,374.00	0.00
0	910.0	MISC CUST SERV/INFORMATION E	0.00	8,779.76	2,513.45	0.00	8,779.76	0.00
0	912.0	DEMONSTRATING/SELLING EXPE	0.00	8,001.84	2,201.99	0.00	8,001.84	0.00
0	912.1	DEM/SELLING EXPENSE/ETS WAR	0.00	-344.24	0.00	35.20	0.00	344.24
0	913.0	ADVERTISING EXPENSE	0.00	0.00	0.00	0.00	0.00	0.00
0	920.0	ADMINISTRATIVE/GENERAL SAL	0.00	446,347.24	32,076.33	0.00	446,347.24	0.00
0	921.0	OFFICE SUPPLIES/EXPENSES	0.00	139,165.99	11,837.59	0.00	139,165.99	0.00
0	921.01	POSTAGE	0.00	6,193.95	0.00	2.65	6,193.95	0.00
0	921.3	NISC COMPUTING CHARGES	0.00	12,591.15	1,055.49	0.00	12,591.15	0.00
0	923.0	OUTSIDE SERVICES EMPLOYED	0.00	29,696.36	946.17	0.00	29,696.36	0.00
0	923.1	OUTSIDE SERVICES/ATTORNL	0.00	390.78	0.00	0.00	390.78	0.00
0	925.0	SAFETY/SAFETY DIRECTOR EXPE	0.00	0.00	0.00	0.00	0.00	0.00
0	926.0	EMPLOYEE PENSIONS & BENEFITS	0.00	0.00	0.00	0.00	0.00	0.00
0	928.0	REGULATORY COMM EX/RATE IN	0.00	0.00	0.00	0.00	0.00	0.00
0	929.0	DUPLICATE CHARGES-CR/COOP U	0.00	-41,918.86	0.00	3,958.61	0.00	41,918.86
0	930.1	MISC GEN EX/GENERAL AD EXPE	0.00	6,244.62	859.42	0.00	6,244.62	0.00
0	930.2	MISCELLANEOUS GENERAL EXPE	0.00	38,108.39	5,123.22	0.00	38,108.39	0.00
0	930.21	MISC GENERAL EX/ANNUAL MEE	0.00	21,567.83	0.00	0.00	21,567.83	0.00
0	930.22	MISC GENERAL EX/A.M -ELECTIO	0.00	1,785.06	0.00	0.00	1,785.06	0.00
0	930.23	MEMBER EDUCATION	0.00	26,652.49	2,548.20	0.00	26,652.49	0.00
0	930.24	COMPANY MEMBERSHIP DUES	0.00	88,873.73	8,091.31	0.00	88,873.73	0.00
0	930.25	KY LIVING MAGAZINE	0.00	109,069.96	8,537.99	0.00	109,069.96	0.00
0	930.4	ROBERT RUSSELL/DIRECTOR	0.00	20,112.54	1,000.00	0.00	20,112.54	0.00
0	930.41	JAMES M WELLS/DIRECTOR	0.00	24,882.26	824.49	0.00	24,882.26	0.00
0	930.42	STEVE HALE/DIRECTOR	0.00	19,862.84	300.94	0.00	19,862.84	0.00
0	930.43	WALTER BALLARD JR/DIRECTOR	0.00	23,725.16	978.93	0.00	23,725.16	0.00
0	930.45	LINVILLE GALE MEANS/DIRECTO	0.00	23,959.38	875.75	0.00	23,959.38	0.00
0	930.46	WILLIAM P. SHEARER/DIRECTOR	0.00	15,308.58	1,199.43	0.00	15,308.58	0.00
0	930.47	ALLEN PATRICK/DIRECTOR	0.00	20,091.21	1,199.43	0.00	20,091.21	0.00
0	930.49	DEWEY HOLLON/DIRECTOR	0.00	12,000.00	1,000.00	0.00	12,000.00	0.00
0	930.5	OH CAUDILL JR/DIRECTOR	0.00	16,086.65	1,180.00	0.00	16,086.65	0.00
0	932.0	MAINTENANCE GENERAL PLANT	0.00	278,292.28	15,292.12	0.00	278,292.28	0.00
0	932.1	MAINTENANCE AGREEMENTS	0.00	84,728.55	4,861.64	0.00	84,728.55	0.00
0	932.15	MAINTENANCE/SECURITY MONIT	0.00	3,161.84	268.70	0.00	3,161.84	0.00
0	932.16	MAINTENANCE/GP-CLEANING SU	0.00	27,866.11	1,721.95	0.00	27,866.11	0.00
0	950.0	LABOR/EXPENSES COV-19	0.00	0.00	0.00	0.00	0.00	0.00
0	998.0	998 CLEARING	0.00	325,516.21	325,516.21	0.00	325,516.21	0.00
0	998.1	PROFIT CLEARING OPERATING	0.00	0.00	0.00	0.00	0.00	0.00

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**General Ledger
 Summary Trial Balance**

Page 10

Period Ending: DEC 2019

Div	Account	Description	Balance Forward	YTD Trans	Current Month Balance		Year-To-Date Balance	
					Debit	Credit	Debit	Credit
0	998 2	PROFIT CLEARING NON-OPERATI	0 00	0 00	0 00	0 00	0 00	0 00
0	999 0	999 CLEARJNG	0 00	2,240,876 63	2,240,876 63	0 00	2,240,876 63	0 00

Balance Forward: 0 00
YTD Transactions: 0 00
Current Month Debit Balance: 10,867,651 23
Current Month Credit Balance: 10,867,651 23
Current Month Balance: 0 00
Current Year Debit Balance: 236,477,819 19
Current Year Credit Balance: 236,477,819 19
Current Year Balance: 0 00
Current Year Profit/Loss: -2,566,392 84

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 33

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

A schedule comparing balances for each balance sheet account or subaccount included in the Distribution Cooperative's chart of accounts for each month of the test year to the same month of the 12-month period immediately preceding the test year

Response:

Please see attached.

ACCOUNT	BEGINNING												ENDING BALANCE		
	BALANCE	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19		
100.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107.20	737,357.92	-26,359.03	165,301.48	84,436.17	-10,549.71	106,432.94	52,150.09	-67,844.00	-45,314.54	291,891.13	86,658.33	-53,823.03	-539,093.14	781,244.61	0.00
107.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
107.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
107.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
107.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
107.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
107.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
107.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
107.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
108.60	-34,816,562.87	20,275.61	-337,060.13	-260,453.77	-277,580.13	-189,679.32	118,293.29	-164,811.67	-270,017.89	-308,722.24	-244,089.00	-158,152.25	-82,319.72	-36,970,880.09	0.00
108.70	-1,597,271.23	-6,235.95	-6,235.95	-6,235.95	-6,235.95	-6,235.95	-6,235.95	-6,235.95	-6,235.95	-6,235.95	-6,235.95	-6,235.95	-6,235.95	-6,435.06	-1,672,301.74
108.71	-1,786,410.88	-6,340.94	-6,542.47	-7,055.52	-7,081.59	-7,618.30	-7,649.66	-7,649.67	-7,472.91	-7,364.49	-7,352.94	-6,851.04	91,781.24	-1,773,609.17	0.00
108.72	-2,307,551.05	-32,036.52	-14,231.56	-31,386.10	-1,672.05	-28,989.71	-28,630.09	-27,904.30	-27,732.28	-27,732.28	-27,600.45	-25,500.00	-25,271.12	-2,606,237.51	0.00
108.73	-97,902.63	-379.83	-379.83	-379.83	-379.83	-379.83	-379.83	-379.83	-379.83	-379.83	-379.83	-402.93	-410.03	-102,513.89	0.00
108.74	-288,007.92	-1,051.91	-1,083.42	-1,084.08	-1,084.04	-1,093.17	-1,087.38	-1,081.32	1,622.62	-1,075.08	-1,075.04	-1,090.40	-1,090.36	-298,281.50	0.00
108.75	-117,869.41	-571.85	-558.03	-268.81	-262.18	-262.2	-262.18	-262.2	-262.18	-262.2	-262.18	-487.93	-487.91	-122,079.26	0.00
108.76	-147,504.89	-829.74	-818.13	-817.79	-817.79	-817.79	-817.79	-817.79	-815.81	22,530.56	-619.88	-585.41	-510.29	-133,242.54	0.00
108.77	-407,938.06	-4,037.49	-4,037.49	-4,037.49	-4,037.49	-4,037.49	-4,037.49	-4,754.37	-4,754.37	-4,754.37	-4,754.37	-3,849.28	-5,182.38	-460,212.14	0.00
108.78	-449,695.82	-2,695.40	-2,687.84	-2,679.64	-2,695.25	-2,716.29	-2,712.64	-2,708.98	-2,708.98	-21,195.91	-2,921.47	-2,921.47	-2,919.46	-501,259.15	0.00
108.80	111,871.66	-1,547.59	30,156.81	13,564.56	11,917.96	14,074.37	9,855.89	-22,094.08	-4,474.99	14,285.98	6,353.34	-11,455.64	-32,118.87	140,389.40	0.00
123.10	27,974,451.67	0	-5,380.57	17,684.00	-6,975.62	0	-91,629.89	0	0	-9,996.29	0	0	1,235,726.76	29,113,880.06	0.00
123.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
123.12	2,235,151.75	0	0	0	0	-33,402.00	-13,000.00	0	0	-13,000.00	0	0	322,975.05	2,498,724.80	0.00
123.20	10,000.00	0	0	0	0	0	0	0	0	0	0	0	0	10,000.00	0.00
123.22	830,612.85	-4,141.89	0	-681.91	0	0	0	0	0	0	0	0	0	825,789.05	0.00
123.23	3,000.00	0	0	0	0	1,000.00	0	0	0	0	0	0	0	4,600.00	0.00
123.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
123.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
123.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
123.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
123.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
123.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
124.10	2,000,000.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
128.00	160,255.30	0	-44,406.40	0	0	0	0	0	0	-18,519.00	-18,519.00	-18,519.00	-18,519.00	1,925,924.00	0.00
131.00	501,268.56	-239,992.93	234,748.23	-114,240.60	-131,258.62	38,710.37	287,823.85	-167,974.83	-80,675.08	57,972.21	76,923.73	-131,500.23	137,084.85	468,889.51	0.00
131.11	161,967.99	-103,151.83	-129.53	30,887.33	-16,751.38	-50,881.34	68,209.72	-77,561.91	19,807.13	12,871.25	-12,623.58	3,423.17	-12,334.86	23,732.16	0.00
131.12	70,183.38	-39,679.72	-5,707.06	17,620.92	-6,303.09	-25,223.91	35,689.76	-30,714.76	6,385.14	4,072.12	-12,139.08	4,213.06	-9,048.60	9,348.16	0.00
131.14	7,341.99	-950.62	-170.18	310.72	-3,072.50	-546.98	-915.91	623.44	2,060.09	1,343.80	21.8	-1,963.61	27.46	4,109.50	0.00
131.15	11,125.82	-5,487.81	2,463.30	7,700.19	-3,162.23	-11,069.39	4,328.01	-1,057.54	2,027.48	353.15	-7,220.98	0	0	0.00	0.00
131.16	9,530.44	-636.64	-127.6	0	-558.32	170.06	-2,964.69	14,473.47	-10,707.21	-21.9	-82.62	-821.66	0	8,253.33	0.00
131.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
131.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
134.00	30.00	0	0	0	0	0	0	0	0	0	0	0	0	30.00	0.00
135.00	1,800.00	0	0	0	0	0	0	0	0	0	0	0	0	1,800.00	0.00
136.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
142.00	1,800,098.45	234,036.62	724,842.49	-728,024.71	-469,340.26	-452,398.75	282,360.16	97,352.26	86,484.71	-52,982.81	-392,856.90	406,276.89	19,858.21	1,555,706.36	0.00
142.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.00	558,126.54	-12,602.73	-433,608.46	41,995.83	46,567.78	46,296.79	49,614.11	44,736.05	41,302.83	262,780.11	-126,588.62	66,554.58	45,805.75	630,980.66	0.00
143.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.02	585.00	0	3,100.00	0	-3,190.00	0	1,685.00	1,670.00	1,675.00	1,680.00	-6,860.00	0	0	345.00	0.00
143.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.05	8,988.61	0	0	0	0	10.76	8.32	-19.08	300	-300	-9,021.89	183.69	-150.41	0.00	0.00
143.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00

ACCOUNT	BEGINNING BALANCE	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	ENDING BALANCE
143.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.10	0	-1,232.58	1,232.58	0	0	-1,075.92	-281.56	1,382.13	-24.65	0	0	0	0	0.00
143.11	622.91	0	0	0	0	0	0	0	-73.2	0	0	0	0	549.71
143.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.13	0	0	0	0	0	-19.49	-1.9	-0.1	21.49	0	0	0	0	0.00
143.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.15	0	0	0	15.14	24.04	-73.73	14.22	0	20.33	-12.02	12.02	0	-27.16	-27.16
143.16	818.76	-585.97	-195.79	-15.5	864.76	715.09	-990.29	197.11	-787.92	70.5	-17.14	-7,048.20	7,548.93	574.34
143.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.18	-1,687.66	-153	-101	-97	-94	-98	-43	-47	-148	-98	-98	2	514.5	-2,148.16
143.19	0	0	0	6.04	-6.04	-23.47	5.58	23.12	-11.27	0.81	5.23	0	-11.27	-11.27
143.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.21	0	403.94	-403.94	403.94	0	0	0	0	0	0	0	0	0	403.94
143.25	14.28	-53.71	149.62	-153.73	91.23	69.92	105.4	-5.83	-173.09	78.41	94.68	80.01	-80.01	217.18
143.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.40	0	-105	-70	-67	178	-64	-63	130	-94	155	-62	-62	-62	-186.00
143.60	42,848.68	4,487.25	128,628.15	-100,493.08	-5,806.37	-21,899.95	56,387.28	-75,028.77	33,391.65	-30,928.18	3,043.91	7,865.68	2,948.94	45,445.19
143.70	0	18	189.27	-207.27	0	54	4,551.44	-4,745.59	-41.2	245.59	-264.24	0	0	-200.00
143.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.74	0	0	0	0	0	0	8,897.22	-885.28	-8,011.94	0	0	0	0	0.00
143.75	0	0.02	-0.17	0.43	0.9	0.91	1.41	0.82	1.25	-2,998.49	1,606.07	1,395.81	1.39	10.35
143.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.80	0	0	0	0	0	0	0	0	3,370.00	1,605.00	-3,560.00	500	-4,365.00	-2,450.00
143.90	12,870.55	219.25	-13,089.80	0	0	0	0	0	0	0	0	0	0	0.00
143.91	0	0	0	0	0	0	8,909.02	-250.67	0	-8,658.35	0	0	0	0.00
143.94	63,244.21	-3,329.00	-3,329.00	-3,329.00	-3,329.00	-3,329.00	-3,329.00	-3,329.00	-3,329.00	30,192.04	-4,260.14	-4,260.14	-4,260.14	54,023.83
144.10	-61,615.52	84.99	-188.31	4,791.14	-172.52	-36,246.78	15,723.21	6,550.89	2,495.84	450.69	1,044.59	-947.43	2,290.27	-65,738.94
154.00	628,305.13	-42,947.78	-3,538.54	1,396.80	-10,425.95	-1,147.40	13,654.93	7,736.44	29,909.01	-164,015.69	18,860.91	22,382.33	-13,362.70	486,807.49
154.10	8,678.30	1,158.07	908.01	-1,581.52	-119.32	-801.03	2,178.00	813.48	-2,303.57	395.09	2,927.62	-2,416.83	-64.16	9,772.14
155.00	2,964.13	0	463.26	0	0	0	0	0	0	0	0	0	0	3,252.33
155.40	1330.49	0	-204.48	0	3,643.75	-271.41	-139.02	-59.58	-311.13	0	-337.62	-218.45	-348.59	3,083.96
163.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165.10	12226.46	24,439.33	-12,219.67	-12,219.67	24,439.33	-12,219.67	-12,219.67	24,446.33	-12,219.67	-12,219.67	24,640.57	-12,233.43	-12,233.43	12,407.14
165.12	8742.75	38,543.09	36,306.13	29,730.24	36,433.13	27,681.25	28,045.65	28,045.65	28,467.99	-68,328.00	-68,328.00	-68,328.00	-57,011.88	0.00
165.14	52271	-4,355.92	11,522.27	-5,943.73	-5,943.73	-5,943.73	-5,943.73	-5,943.73	-5,943.73	-5,943.73	-5,943.73	-5,943.73	70,139.22	76,083.00
165.16	26374.16	-2,637.42	-2,637.42	-2,637.42	-2,637.42	-2,637.42	-2,637.42	-2,637.42	-2,637.42	-2,637.42	29,055.62	-2,637.38	-2,641.42	26,414.20
165.17	0	59,948.39	-5,449.85	-5,449.85	-5,449.85	-5,449.85	-5,449.85	-5,449.85	-5,449.85	-5,449.85	-5,449.85	-5,449.85	-5,449.85	0.00
171.00	9,576.91	3,120.00	3,120.00	3,120.00	-15,500.46	3,120.00	3,120.00	3,120.00	3,120.00	3,120.00	-15,722.85	3,000.00	3,000.00	9,313.60
184.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
186.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
186.10	11,250.00	-1,250.00	-1,250.00	-1,250.00	-1,250.00	-1,250.00	-1,250.00	-1,250.00	-1,250.00	13,750.00	-1,250.00	-1,250.00	-1,250.00	11,250.00
186.20	231,000.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	214,500.00
186.30	1,728,528.10	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	1,544,967.70
186.40	662,890.84	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	622,330.84
201.10	-53,465,417.08	0	0	0	-4,292,339.92	1,260,169.49	0	0	0	0	0	0	0	-56,497,587.51
201.20	-4,292,339.92	0	0	0	4,292,339.92	0	0	0	0	0	0	0	-2,566,392.84	-2,566,392.84
208.00	-464,815.51	0	0	0	0	0	0	0	0	0	0	0	0	-464,815.51
214.00	763,558.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	995,296.00	-1,058.00	-1,058.00	-1,058.00	1,713,576.00
217.00	-9,182.79	0	0	0	0	-470.66	0	0	0	0	0	0	0	-9,653.45
217.10	-2,856,190.62	636.64	127.6	0	558.32	-462,373.84	180.98	-14,473.47	-9,292.79	21.9	82.62	821.66	0	-3,339,901.00
218.00	-5,509.78	0	0	0	0	0	0	0	0	0	0	0	0	-5,509.78
219.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
219.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00

ACCOUNT	BEGINNING BALANCE	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	ENDING BALANCE
219.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
224.12	-9,455,143.83	47,497.86	216,672.57	47,497.86	47,497.86	201,184.95	47,497.86	47,497.86	202,761.50	47,497.86	47,497.86	176,697.78	47,497.86	-8,277,844.15
224.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
224.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
224.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
224.31	-61,513,471.74	0	0	437,677.85	0	0	0	444,619.64	0	461,483.44	0	0	462,153.86	-59,707,536.95
224.40	-2,000,000.00	0	0	0	0	0	0	0	0	0	18,518.52	18,518.52	18,519.96	-1,944,443.00
224.41	11,000,000.00	0	0	0	0	0	-1,000,000.00	0	0	0	-2,000,000.00	0	0	8,000,000.00
224.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
228.30	-2,943,210.27	-4,999.67	-4,629.85	-4,629.85	-4,629.85	-4,727.06	-4,727.06	-4,727.06	-4,824.27	-999,417.72	-2,966.51	-2,966.51	-2,300.56	-3,988,756.24
228.31	-88,009.95	-465.87	-465.87	-465.87	-465.87	-465.87	-465.87	-465.87	-465.87	-465.87	-465.87	-465.87	46,774.13	-46,360.39
231.00	-1,700,000.00	200,000.00	-100,000.00	500,000.00	200,000.00	100,000.00	-100,000.00	-700,000.00	-200,000.00	-800,000.00	2,600,000.00	-219,263.53	-1,680,736.47	-1,900,000.00
232.10	-432,208.15	-112,500.06	143,911.52	-42,385.26	69,916.20	93,618.29	-258,702.61	-21,080.40	78,234.39	30,309.24	-227,023.64	-224,279.82	314,328.39	-587,861.91
232.11	-690.91	-12	-36.29	-36.44	-7.1	-38	-43	-33	-17.43	-10	-52	-15.05	-45.92	-1,037.14
232.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
232.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
232.14	-49,823.63	-848.22	-848.22	-1,884.27	-1,106.09	-36.94	-605.74	-605.74	1,394.26	1,398.00	2,398.00	4,353.48	46,215.11	0.00
235.00	-1,078,190.97	4,174.85	-7,935.23	-6,525.00	1,040.03	3,017.00	1,465.00	1,171.00	-1,310.00	6,107.66	9,426.00	6,715.00	10,819.01	-1,050,025.65
235.10	-5,398.08	-1,000.83	-185.08	-1,288.14	3,122.81	195.18	0	-1,366.88	130.97	-760.93	-396.8	0	319.82	-6,627.96
236.10	-114,987.14	-95,000.00	18,098.91	-93,809.03	-95,000.00	-94,577.84	-95,000.00	-95,000.00	-95,000.00	240,124.70	-95,000.00	126,249.43	81,875.22	-407,025.75
236.20	-12.64	-2,035.30	-97.13	-7.43	2,145.11	-54.16	-122.69	170.37	-1.39	0	15.26	0	0	0.00
236.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
236.40	-21.23	-1,257.18	-293.11	-36.33	1,604.15	-27.06	-61.36	43.18	-6.55	-4.21	59.26	0	0	-0.44
236.50	-22,103.98	4,642.29	-5,630.20	10,545.32	-5,418.70	954.95	-2,131.41	-1,186.09	-5,224.93	3,383.85	4,609.24	-1,666.44	4,469.01	-14,757.09
236.60	-130,445.04	-3,836.76	-27,851.59	41,463.57	17,727.64	18,852.67	-14,137.97	-8,114.31	-15,947.30	5,424.81	16,456.07	-2,418.01	-12,436.31	-115,262.53
236.70	30,497.32	-5,082.88	-5,082.88	-5,082.88	-5,082.88	-5,082.88	-5,082.92	60,273.32	-5,479.39	-5,479.39	-5,479.39	-5,479.39	-5,479.39	32,876.37
236.80	-13,642.04	7,152.97	-4,316.83	-4,389.78	11,241.25	-4,048.16	-4,458.26	7,662.02	-6,781.23	-4,434.74	11,617.45	-4,872.54	-4,499.16	-13,769.05
236.83	-139.79	77.75	-46.47	-53.94	108.77	-54.8	-52	104.92	-85.13	-56.21	140.69	-56.83	-56.99	-170.03
236.84	-4,093.70	-322.29	-675.97	1,283.49	567.9	443.8	-761.73	-406.12	-306.31	274.3	687.01	-173.56	-148.35	-3,631.53
236.85	-42.92	-246.75	-246.75	2,753.25	-244.4	-244.4	-246.75	-244.4	-244.4	-239.7	-244.4	-244.4	-244.4	19.58
237.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
237.20	0	-126,500.00	-126,500.00	253,000.00	-124,400.00	-124,400.00	-122,727.11	254,187.11	-117,340.00	234,680.00	-120,480.00	-120,480.00	240,960.00	0.00
237.30	0	-2,255.94	-2,211.29	-2,156.04	-2,024.11	-1,938.21	-1,941.15	-1,903.16	-1,892.71	-1,832.89	-1,604.10	-1,781.74	21,541.34	0.00
237.40	-16,456.34	-16,505.04	32,961.38	-9,612.59	-9,520.65	19,133.24	-27,726.51	-8,636.25	36,362.76	-5,413.32	-8,365.86	13,779.18	-8,364.93	-8,364.93
237.41	-1,373.80	-3,616.44	-2,831.12	-20,024.38	-1,830.14	-1,512.58	30,202.16	-3,788.96	-3,739.73	7,199.92	-3,106.85	-217.13	3,000.69	-1,638.36
238.99	0	0	0	0	0	-752,784.91	752,784.91	0	0	0	0	0	0	0.00
241.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
241.20	-6,632.26	-13,439.89	20,072.15	0	0	0	0	0	0	0	0	0	0	0.00
241.34	-399.90	-464.55	-576.3	334.7	48.7	-576.3	191.7	-576.3	-864.45	-576.3	23.7	1,535.70	23.7	-6,272.34
241.35	-1,125.10	709.18	744.48	-674.16	0	0	0	0	0	0	0	0	0	-1,875.90
241.36	0	-1,907.07	-524.36	1,228.01	1,065.86	714.92	-407.14	-831.93	-122.08	-534.89	-492.17	-118.72	-461.98	-2,391.55
241.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
241.38	0	2,613.06	3,526.36	3,800.73	1,957.94	3,408.36	1,131.35	784.79	926.44	-232.61	446.67	546.63	410.82	19,320.54
241.39	-110.25	0	0	0	0	0	0	0	0	0	0	0	0	-110.25
242.20	-164,302.99	107,460.56	201.28	-11,570.94	-25,530.44	-53,006.28	-9,099.65	-37,946.14	120,823.37	-12,973.68	-48,400.02	-15,529.52	-21,366.70	-171,241.15
242.21	0	-1,705.00	-1,705.00	-1,705.00	-1,705.00	-1,705.00	-1,705.00	-1,705.00	-1,705.00	-1,705.00	-1,705.00	-1,705.00	18,755.00	0.00
242.30	-182,419.66	-2,497.09	-5,844.91	-3,361.60	381.64	-2,095.95	-3,246.44	-948.59	-1,224.61	-3,105.89	-5,065.85	10,393.79	9,445.29	-183,096.99
242.60	-492,328.30	-5,472.73	-3,926.09	8,483.08	-3,893.06	-4,834.95	6,004.40	5,540.71	-4,394.61	-5,297.32	3,831.29	12,896.04	-4,833.41	-488,224.95
242.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
252.00	-183,283.68	0	-17,009.05	0	-559.68	-887.5	-1,416.90	-13,421.99	-2,750.21	-244	-22,697.37	-131.12	24,816.05	-217,585.45
253.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
301.00	182.90	0	0	0	0	0	0	0	0	0	0	0	0	182.90
360.00	4,180.50	0	0	0	0	0	0	0	0	0	0	0	0	4,180.50
360.10	109,098.33	0	0	0	0	0	0	0	0	0	0	0	0	109,098.33
360.20	76,299.84	0	0	0	0	0	0	0	0	0	0	0	0	76,299.84

ACCOUNT	BEGINNING	ENDING BALANCE												
	BALANCE	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	ENDING BALANCE
350.30	114,429.00	0	0	0	0	0	0	0	0	0	0	0	0	114,429.00
362.00	1,267,984.64	0	0	0	0	-150,432.62	0	0	0	0	0	0	0	1,107,552.02
364.00	33,220,062.95	48,130.18	48,099.08	67,820.32	73,612.03	70,659.97	66,479.05	94,707.16	106,169.92	61,874.23	72,502.32	118,446.86	316,220.09	34,364,784.16
365.00	37,621,096.52	41,635.44	44,073.32	52,232.09	60,449.60	36,132.62	50,410.71	58,048.69	96,513.96	32,916.14	58,749.25	188,811.77	402,450.84	38,743,520.95
366.00	2,714,288.65	885.49	201	5,027.77	500.89	745.83	511.36	569.44	291.37	838.71	860.21	886.09	801.73	2,726,508.54
367.00	5,874,425.73	11,311.48	19,452.15	3,862.46	73,526.31	13,255.54	19,402.44	17,584.21	32,270.94	36,833.76	55,983.43	13,632.39	58,059.62	6,229,600.46
368.00	16,316,228.88	15,209.00	20,849.83	23,183.23	9,895.43	24,407.74	10,503.00	59,133.00	74,248.34	20,746.85	63,176.48	-10,358.53	37,326.01	16,664,649.26
369.00	11,922,021.66	34,814.98	28,415.84	46,751.86	53,672.23	51,732.87	37,971.14	46,953.64	41,909.96	44,387.73	39,240.03	60,310.48	50,133.05	12,458,315.47
370.00	2,114,361.72	-87.33	-174.66	-47,171.25	-392.96	-87.33	-263,954.90	-174.66	0	-305.63	-174.66	-53,533.29	-87.33	1,748,217.72
370.10	1,197,816.24	-221,853.30	-127.12	-25,263.21	0	0	-155,908.97	0	0	0	-63,428.38	-34,634.75	0	696,600.51
370.40	476,608.56	0	0	-414.9	0	0	-39,138.90	0	0	-69.15	0	-4,702.20	0	432,283.41
370.50	2,912,326.78	228,398.22	189,336.09	188,953.22	41,875.58	0	289,480.88	150,981.54	61,813.96	929.54	78,125.61	-2,902.63	27,200.03	4,166,518.82
371.00	3,206,739.43	24,300.51	22,652.61	23,952.69	16,100.51	8,396.32	5,523.83	23,601.32	14,057.09	20,416.69	21,272.72	15,884.63	11,323.31	3,415,221.66
373.00	662,798.50	13,025.94	5,998.33	13,108.29	10,801.34	7,045.36	0	26,053.52	3,255.46	4,716.26	10,725.00	10,651.36	6,877.45	775,056.81
389.00	16,614.25	0	0	0	0	0	0	0	0	0	0	0	0	16,614.25
390.00	769,780.45	8,638.00	0	0	0	0	0	0	0	0	0	0	0	778,418.45
390.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
390.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
390.03	23,442.79	0	0	0	0	0	0	0	0	0	0	0	0	23,442.79
390.04	27,789.11	0	0	0	0	0	0	0	0	0	0	0	0	27,789.11
390.05	119,261.32	0	0	0	0	0	0	0	0	0	0	0	0	119,261.32
390.06	129,990.32	0	0	0	0	0	0	0	0	0	0	0	0	129,990.32
390.07	297,893.28	0	0	0	0	0	0	0	0	0	0	0	0	297,893.28
390.08	26,521.90	0	0	0	0	0	0	0	0	0	0	0	0	26,521.90
390.09	743,095.67	0	0	0	0	0	0	0	0	0	0	0	0	743,095.67
390.10	873,535.91	0	0	0	0	0	0	0	0	0	0	0	0	873,535.91
390.11	616,346.21	0	0	0	0	0	0	0	0	0	0	0	0	616,346.21
390.12	117,473.59	0	0	0	0	0	0	0	0	0	0	0	0	117,473.59
390.13	0	0	0	0	0	0	25,000.00	0	9,000.00	35,000.00	10,000.00	31,404.60	6,720.21	117,124.81
391.00	364,413.88	0	0	0	0	0	0	0	0	0	3,545.70	0	1,181.90	369,141.48
391.01	1,063,357.32	44,569.26	0	0	1,960.17	46,682.01	3,855.65	0	0	0	0	0	-80,765.05	1,079,659.36
391.02	566,810.10	3,998.00	13,409.00	0	0	0	0	0	3,219.22	0	0	0	0	587,436.32
392.00	3,608,450.63	0	-22,278.20	0	41,953.30	0	0	0	0	0	0	0	0	3,628,125.73
393.00	126,614.92	0	0	0	0	0	0	0	0	0	0	0	0	126,614.92
394.00	376,846.75	2,791.26	1,721.19	937.78	0	1,818.99	0	0	-2,703.00	2,074.49	0	4,619.34	1,421.68	386,551.27
395.00	134,381.32	0	0	0	0	0	0	0	0	0	0	0	0	134,381.32
396.00	182,210.00	15,156.94	0	0	0	0	0	0	0	0	0	0	0	197,366.94
397.00	684,779.05	0	0	0	0	0	0	0	0	-34,701.76	0	0	0	650,077.29
398.00	599,994.32	0	0	0	2,363.24	2,535.52	0	0	0	0	0	62,548.76	0	662,543.06

ACCOUNT	BEGINNING BALANCE	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	ENDING BALANCE
100.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107.20	474,549.46	-8,949.75	23,947.51	50,841.84	-41,551.21	112,430.82	-17,737.87	95,061.40	117,827.24	-34,280.53	-126,846.58	70,003.25	22,062.34	737,357.92
107.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108.60	-33,668,158.86	-80,122.57	-259.06	-287,247.20	-220,165.66	237,116.81	-74,627.93	-322,273.12	-298,944.51	-66,908.02	-115,447.78	93,940.43	-13,465.40	-34,816,562.87
108.70	-1,523,704.17	-6,092.56	-6,092.56	-6,092.56	-6,092.56	-6,092.56	-6,092.56	-6,092.56	-6,092.56	-6,191.67	-6,191.67	-6,221.62	-6,221.62	-1,597,271.23
108.71	-1,726,541.77	-7,330.02	-6,979.53	-6,722.21	-6,657.54	-6,613.39	-6,537.74	-6,448.62	-3,734.02	-6,482.65	-6,044.17	-5,762.98	9,443.76	-1,786,410.88
108.72	-2,072,071.49	34,051.04	-29,459.64	-5,838.04	-29,917.24	-30,611.01	-31,359.28	-31,359.28	-5,252.35	-31,359.28	-32,064.07	-32,608.02	-9,702.39	-2,307,551.05
108.73	-92,699.71	-460.09	-460.09	-460.09	-460.09	-460.09	-460.09	-460.09	-460.09	-382.71	-379.83	-379.83	-379.83	-97,902.63
108.74	-273,287.27	-2,043.99	-2,040.23	-1,089.57	-1,089.51	-1,089.56	-1,089.50	-995.1	-1,013.03	-1,064.20	-1,063.45	-1,071.28	-1,071.23	-288,007.92
108.75	-111,597.13	-506.08	-506.08	-506.08	-466.36	-466.37	-461.19	-460.8	-460.79	-647.71	-647.16	-571.84	-571.82	-117,869.41
108.76	-136,888.20	-1,297.99	-1,297.99	-1,297.99	-1,297.36	-678.17	-678.17	-678.17	-678.17	-678.17	-678.17	-678.17	-678.17	-147,504.89
108.77	-360,207.04	-3,959.59	-3,959.59	-3,959.59	-3,959.59	-3,959.59	-3,959.59	-3,959.59	-3,959.59	-4,019.73	-4,037.49	-4,037.49	-4,037.49	-407,938.06
108.78	-417,083.01	-2,671.65	-2,700.83	-2,719.83	-2,744.56	-2,744.56	-2,744.56	-2,744.56	-2,744.56	-2,714.69	-2,686.09	-2,698.46	-2,698.46	-449,695.82
108.80	58,760.30	-491.68	3,539.04	5,638.24	-2,341.54	12,464.77	-3,129.38	15,462.49	7,693.87	-9,746.11	3,937.54	11,498.38	8,585.74	111,871.66
123.10	26,262,324.88	0	-6,158.26	30,406.00	0	0	0	0	8,537.76	2,839.00	0	0	1,676,502.29	27,974,451.67
123.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
123.12	2,044,267.02	0	0	0	-8,479.01	0	-15,000.00	0	0	-7,500.00	-12,363.61	0	234,227.35	2,235,151.75
123.20	10,000.00	0	0	0	0	0	0	0	0	0	0	0	0	10,000.00
123.22	834,615.91	-4,003.06	0	0	0	0	0	0	0	0	0	0	0	830,612.85
123.23	3,600.00	0	0	0	0	0	0	0	0	0	0	0	0	3,600.00
123.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
123.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
123.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
123.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
123.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
123.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
124.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
128.00	193,318.38	0	-33,063.08	0	0	0	0	0	0	0	0	2,000,000.00	0	2,000,000.00
131.00	281,560.69	-23,841.73	318,005.47	-379,283.22	626,657.24	-626,934.33	156,095.25	-74,376.02	200,428.85	-193,952.43	-76,675.56	186,470.79	107,113.56	501,268.56
131.11	132,357.35	-100,754.03	129,756.58	-117,759.74	23,567.29	-34,190.28	8,406.70	58,369.74	-22,612.77	-32,728.53	-26,568.33	5,218.82	138,905.19	161,967.99
131.12	47,149.77	-31,154.18	55,073.71	-54,111.44	18,649.20	-12,904.78	-4,653.74	29,508.57	-14,322.13	-4,809.28	-9,801.82	-8,975.56	60,535.06	70,183.38
131.14	6,120.25	-424.54	-1,316.14	-492.91	-1,296.25	-391.14	-863.57	751.68	1,179.57	1,024.48	1,440.24	795.09	815.23	7,341.99
131.15	9,426.42	-8,555.72	12,200.67	-9,910.51	5,776.08	1,524.26	-3,280.09	-1,052.90	-259.03	-1,741.04	-1,969.96	992.01	7,975.63	11,125.82
131.16	4,073.20	-473.99	-985.4	-318.86	-456.16	-404,552.15	436,445.17	-23,069.26	-1,271.30	-434.06	-337.38	1,211.07	-300.44	9,530.44
131.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
131.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
134.00	30.00	0	0	0	0	0	0	0	0	0	0	0	0	30.00
135.00	1,800.00	0	0	0	0	0	0	0	0	0	0	0	0	1,800.00
136.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
142.00	1,925,002.00	863,470.23	-134,035.48	-867,123.71	200,718.53	-455,079.17	-17,096.53	247,922.12	-265,346.98	92,459.00	-455,680.25	133,422.64	531,466.05	1,800,098.45
142.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.00	578,273.92	-66,459.88	30,658.02	51,274.92	-361,931.09	51,109.36	54,612.89	57,099.45	33,472.21	37,435.02	36,202.57	26,094.65	30,284.60	558,126.64
143.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.02	770.00	0	3,120.00	0	-3,190.00	0	1,700.00	-25	1,695.00	-35	-3,450.00	0	0	585.00
143.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.05	2,068.11	-3,029.60	-120.84	-31.63	-23.36	278.97	-469.35	11,445.37	-28.44	427.96	-379.19	-1,149.39	0	8,988.61

ACCOUNT	BEGINNING BALANCE	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	ENDING BALANCE
143.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.07	0	0	0	22,279.27	6,652.19	-28,931.46	0	0	0	0	0	0	0	0.00
143.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.09	14,186.37	-14,186.37	0	0	0	0	0	0	0	0	34,284.89	-34,284.89	0	0.00
143.10	0	0	0	0	192.6	-192.6	0	0	0	0	0	0	0.01	0.00
143.11	667.36	0	0	0	0	0	-53.75	0	0	0	0	0	0	0.00
143.12	0	0	0	0	0	0	0	0	0	0	0	46.3	-37	622.91
143.13	0	0	0	0	0	-2.78	0	2.78	-1	1	0	0	0	0.00
143.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.15	0	0	0	0	12.94	-12.94	-27.16	27.16	0	0	-14.22	14.22	0	0.00
143.16	341.14	-327.84	-0.74	1,073.06	-1,061.48	226.16	263.85	-117.49	-396.66	56.81	-34.31	-8.25	804.51	818.76
143.17	0	0	4.19	-4.19	0	0	0	0	0	0	0	0	0	0.00
143.18	-1,183.66	-102	-102	-25.5	-97	-98	-99	-99	-153	-54	-104	-104	533.5	-1,687.66
143.19	17.54	-17.54	0	0	5.81	-5.81	-11.27	11.27	0	0	0	0	0	0.00
143.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.25	0	0	0	0	0	0	0	0	0	0	0	-23.88	38.16	14.28
143.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.40	-1,017.00	937	-80	-119	204	-74	-73	150	-108	-72	180	-72	144	0.00
143.60	86,088.69	-46,672.05	89,652.80	-52,283.43	-43,617.73	3,224.21	36,378.81	-38,378.08	54,847.00	41,139.08	-105,976.82	29,744.92	-11,298.72	42,848.68
143.70	85.93	195.89	-200.54	-18	80.8	1,298.24	-1,442.32	3,087.58	-1,621.94	149.66	-1,595.30	-33.5	13.5	0.00
143.72	0	0	0	0	0	0	0	0	0	0	25,826.75	4,084.55	-29,911.30	0.00
143.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143.74	4,233.25	-4,233.25	0	0	0	0	0	0	0	0	0	0	0	0.00
143.75	237.48	-0.31	379.79	-0.21	0.22	249.92	-0.14	0.42	-0.33	-629.64	-0.36	0.03	-236.87	0.00
143.90	0	0	0	0	0	0	0	0	0	0	0	12,802.16	68.39	12,870.55
143.91	0	0	0	0	0	0	2,552.25	0	-2,552.25	0	0	0	0	0.00
143.93	0	0	0	0	0	0	0	0	7,833.00	0	282	-8,115.00	0	0.00
143.94	0	0	0	0	0	0	0	0	0	0	0	0	63,244.21	63,244.21
144.10	-82,781.35	3,049.91	131.3	1,535.70	4,242.35	-31,395.34	21,572.16	9,546.29	9,369.74	4,035.67	4,104.27	901.8	-5,928.02	-61,615.52
154.00	579,550.44	-26,855.95	10,461.88	51,093.74	-30,752.43	-2,173.88	38,546.86	-24,607.96	7,670.55	25,045.90	-11,298.02	56,976.13	-45,352.13	628,305.13
154.10	12,651.07	379.56	-2,530.18	-22.79	-977.74	-817.16	-542.98	1,301.17	173.79	839.5	-2,139.01	2,089.40	-1,726.33	8,678.30
155.00	2,667.40	589.31	0	0	0	0	0	0	0	0	65.72	456.72	-815.02	2,964.13
155.40	2,993.81	0	1,146.28	-29.47	0	-232.11	-221.06	-84.74	0	-2,019.32	-33.16	-156.58	-33.16	1,330.49
163.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165.10	12,189.80	24,380.40	-12,190.60	-12,190.60	24,380.40	-12,190.60	-12,190.60	24,390.40	-12,190.60	-12,190.60	24,468.40	-12,219.67	-12,219.67	12,226.46
165.12	-14,248.68	34,026.89	35,055.87	48,618.55	34,824.75	35,263.57	32,470.20	31,785.58	32,222.02	-65,319.00	-65,319.00	-65,319.00	-65,319.00	8,742.75
165.14	89,247.00	-7,437.25	-14,828.16	-6,698.16	-6,698.16	-6,698.16	-6,698.16	-6,698.16	-6,698.16	-6,698.16	-6,698.16	-6,698.16	-6,698.16	52,271.00
165.16	25,785.00	-2,578.50	-2,578.50	-2,578.50	-2,578.50	-2,578.50	-2,578.50	-2,578.50	-2,578.50	-2,578.50	29,070.50	-2,637.42	-2,637.42	26,374.16
165.17	0	59,634.18	-5,418.27	-5,418.27	-5,418.27	-5,418.27	-5,418.27	-5,418.27	-5,418.27	-5,418.27	-5,418.27	-5,418.27	-5,418.27	0.00
171.00	9,480.22	3,120.00	3,120.00	3,120.00	-15,500.46	3,120.00	3,120.00	3,120.00	3,120.00	3,120.00	-15,602.85	3,120.00	3,120.00	9,576.91
184.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
186.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
186.10	11,250.00	-1,250.00	-1,250.00	-1,250.00	-1,250.00	-1,250.00	-1,250.00	-1,250.00	-1,250.00	13,750.00	-1,250.00	-1,250.00	-1,250.00	11,250.00
186.20	247,500.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	-1,375.00	231,000.00
186.30	1,912,088.50	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	-15,296.70	1,728,528.10
186.40	703,450.84	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	-3,380.00	662,890.84
201.10	-52,764,805.65	0	0	0	-1,973,783.46	1,273,172.03	0	0	0	0	0	0	0	-53,465,417.08
201.20	-1,973,783.46	0	0	0	1,973,783.46	0	0	0	0	0	0	0	-4,292,339.92	-4,292,339.92
208.00	-464,815.51	0	0	0	0	0	0	0	0	0	0	0	0	-464,815.51
214.00	826,714.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	-5,263.00	763,558.00
217.00	-8,035.87	0	0	0	0	-1,146.92	0	0	0	0	0	0	0	-9,182.79
217.10	-2,363,845.32	473.99	985.4	318.86	456.16	-416,953.10	-31,827.98	-6,930.74	1,271.30	434.06	337.38	-41,211.07	300.44	-2,856,190.62
218.00	-5,509.78	0	0	0	0	0	0	0	0	0	0	0	0	-5,509.78

ACCOUNT	BEGINNING BALANCE	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	ENDING BALANCE
219.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
219.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
219.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
224.12	-11,085,255.93	47,497.86	312,288.34	47,497.86	47,497.86	314,538.95	47,497.86	47,497.86	315,708.71	47,497.86	47,497.86	307,593.22	47,497.86	-9,455,143.83
224.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
224.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
224.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
224.31	-63,204,730.16	0	0	427,447.11	0	0	416,951.08	0	0	413,456.46	0	0	433,403.77	-61,513,471.74
224.40	0	0	0	0	0	0	0	0	0	0	0	-2,000,000.00	0	-2,000,000.00
224.41	14,000,000.00	0	0	0	0	0	0	-1,000,000.00	0	0	0	0	-2,000,000.00	11,000,000.00
224.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
228.30	-2,890,489.84	-4,501.40	-4,501.40	-4,501.40	-4,501.40	-4,501.40	-4,192.33	-4,192.33	-4,300.72	-4,300.72	-4,409.11	-4,409.11	-4,409.11	-2,943,210.27
228.31	-124,924.95	-678	-877	-877	-877	-877	-877	-877	-877	-877	-877	-877	46,363.00	-88,009.95
231.00	-1,700,000.00	200,000.00	-400,000.00	300,000.00	200,000.00	400,000.00	-1,100,000.00	700,000.00	-269,585.17	-630,414.83	400,000.00	-700,000.00	900,000.00	-1,700,000.00
232.10	-631,226.09	32,128.64	99,737.05	82,639.63	18,500.41	8,313.65	-327,990.81	171,715.85	57,489.80	5,218.40	101,328.11	-101,448.29	51,385.50	-432,208.15
232.11	-303.64	-69.91	-13.23	-26.2	-47	-5	-35	-37.03	-14	-55.02	-35.03	-36.04	-13.81	-690.91
232.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
232.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
232.14	-47,605.06	2,717.21	2,717.21	2,717.21	2,717.21	2,553.93	1,582.68	582.68	-1,405.14	-5,405.14	34,658.86	-5,405.14	-40,250.14	-49,823.63
235.00	-1,054,523.24	7,980.00	6,511.73	-7,930.00	-975	105	-3,304.90	-12,195.19	-2,095.00	474.26	1,010.00	-15,176.29	1,927.66	-1,078,190.97
235.10	-5,846.23	-1,288.59	158.71	-1,809.86	2,560.86	59.05	0	-1,595.28	5.75	0	-237.51	0	2,595.02	-5,398.08
236.10	-248,287.66	12,669.35	-80,000.00	-80,000.00	-80,000.00	-70,000.00	-70,000.00	-70,000.00	-70,000.00	263,161.27	-70,000.00	464,819.84	-17,349.94	-114,987.14
236.20	-60.00	-1,636.58	-421.36	-30.97	2,134.46	-39.17	-63.56	101.05	-42.07	-31.44	86.95	-2.82	-7.13	-12.64
236.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
236.40	-97.39	-1,101.71	-728.97	-144.54	2,062.98	-26.11	-46.52	39.73	-44.66	-20.95	93.54	-1.88	-4.75	-21.23
236.50	18,560.34	1,164.86	2,098.70	-3,729.48	-39,050.37	3,766.94	-4,428.70	135.08	-912.23	3,688.43	872.54	320.29	-4,590.38	-22,103.98
236.60	-126,528.61	-33,312.81	-3,502.34	51,421.08	-10,532.32	23,870.39	-4,990.40	-13,142.26	583.39	3,891.60	17,438.02	-4,774.74	-30,866.04	-130,445.04
236.70	31,165.74	31,165.74	-5,194.29	-5,194.29	-5,194.29	-5,194.29	-5,194.29	55,911.72	-5,082.88	-5,082.88	-5,082.88	-5,082.88	-5,082.88	30,497.32
236.80	-12,440.95	7,789.36	-4,216.16	-7,385.88	12,113.95	-4,154.30	-4,295.32	8,148.43	-7,461.95	-4,553.84	11,646.48	-4,448.98	-4,382.88	-13,642.04
236.83	-153.60	101.7	-52.22	-82.54	133.18	-52.57	-52.58	80.05	-64.35	-41.49	143.12	-46.39	-52.1	-139.79
236.84	-4,113.06	-1,106.02	521.21	1,180.04	-293.91	559.93	-456.43	-499.12	80.91	163.77	698.26	-100.13	-729.15	-4,093.70
236.85	-113.24	-243.36	-243.36	-245.7	-243.36	-243.36	-243.36	-243.36	-243.36	2,754.30	-243.36	-245.7	-245.7	-42.92
237.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
237.20	0.00	-85,000.00	-84,840.00	169,840.00	-93,100.00	-93,100.00	186,200.00	-99,400.00	-99,400.00	198,800.00	-122,000.00	-121,725.00	243,725.00	0.00
237.30	-426.39	-779.83	-1,130.15	-1,082.37	-1,066.68	-1,005.70	-1,013.01	-1,045.41	-918.68	-923.05	-824.45	-928.99	11,144.71	0.00
237.40	-12,214.08	-10,992.61	23,206.69	-11,234.69	-13,638.22	24,872.91	-15,555.29	-16,973.83	32,529.12	-16,950.90	-17,589.43	34,540.33	-16,456.34	-16,456.34
237.41	-700.69	-3,306.19	-2,410.94	6,210.75	-3,285.61	-1,638.37	4,667.70	-3,721.91	-3,025.85	6,559.04	-5,510.04	-5,751.53	10,539.84	-1,373.80
238.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
241.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
241.20	0	0	0	-11,603.80	11,603.80	0	0	0	0	0	0	0	0	0.00
241.34	0	-192.3	-192.3	-288.45	407.7	-192.3	-192.3	-154.4	611.55	-192.3	-192.3	407.7	-230.2	-399.90
241.35	0	512.99	1,436.90	653.49	888.55	583.44	1,055.87	-597.28	-1,791.12	-832.18	-1,247.94	-1,202.79	-585.03	-1,125.10
241.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
241.37	-243.88	243.88	0	0	0	0	0	0	0	0	0	0	0	0.00
241.38	-1,435.50	1,435.50	0	0	0	0	0	0	0	0	0	0	0	0.00
241.39	-413.51	103.85	71.54	127.87	0	0	0	0	0	0	0	0	0	-110.25
242.20	-147,033.74	-43,869.56	2,891.05	119,186.99	-13,274.70	-50,688.55	-9,201.03	-104,476.54	174,363.00	-6,474.65	-37,055.93	-28,282.61	-20,386.72	-164,302.99
242.21	0	-1,700.00	-1,710.00	-1,710.00	-1,710.00	-1,710.00	-1,710.00	-1,710.00	-1,710.00	-1,710.00	-1,710.00	-1,710.00	18,800.00	0.00
242.30	-174,372.41	-8,735.28	-6,109.08	-5,491.56	-748.85	4,653.71	-3,979.61	-4,013.95	1,761.56	144.05	-3,336.75	13,274.63	4,533.88	-182,419.66
242.60	-501,317.64	17,586.72	-2,558.64	31,789.59	-211.93	-1,425.04	-5,191.19	-3,897.84	-6,114.24	-763.68	-4,449.11	-9,059.70	-6,715.60	-492,328.30
242.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
252.00	-255,618.40	0	0	0	790	-537.14	-1,250.24	22,392.25	130.17	3,400.00	-186.84	-2,912.99	50,509.51	-183,283.68
253.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
301.00	182.90	0	0	0	0	0	0	0	0	0	0	0	0	182.90

ACCOUNT	BEGINNING BALANCE	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	ENDING BALANCE
360.00	4,180.50	0	0	0	0	0	0	0	0	0	0	0	0	4,180.50
360.10	109,098.33	0	0	0	0	0	0	0	0	0	0	0	0	109,098.33
360.20	76,299.84	0	0	0	0	0	0	0	0	0	0	0	0	76,299.84
360.30	114,429.00	0	0	0	0	0	0	0	0	0	0	0	0	114,429.00
362.00	1,374,939.72	0	0	0	0	0	0	0	0	0	0	0	-106,955.08	1,267,984.64
364.00	32,327,819.08	80,798.79	46,601.91	52,396.52	103,216.10	59,686.27	76,679.85	73,858.18	78,830.43	119,389.01	107,948.60	47,715.75	45,122.46	33,220,062.95
365.00	37,049,315.47	50,950.29	34,625.66	30,707.06	66,198.75	42,754.55	29,177.81	57,282.00	64,878.01	76,638.97	79,198.20	40,803.73	-1,433.98	37,621,096.52
366.00	2,708,669.32	215.25	152.05	552.4	1,115.49	502.93	334.16	341.39	510.98	240.36	598.47	567.15	488.7	2,714,288.65
367.00	5,627,669.72	26,876.94	7,534.63	10,385.43	6,653.49	33,135.37	15,161.86	71,736.81	2,908.81	24,887.20	8,621.97	22,176.50	16,677.00	5,874,425.73
368.00	15,992,757.66	70,523.00	-23,973.70	0	2,902.79	33,930.00	-3,009.47	55,864.00	30,175.77	48,291.87	45,845.00	27,948.00	34,973.96	16,316,228.88
369.00	11,475,616.30	15,866.77	26,102.30	38,389.87	29,042.71	31,000.51	31,777.64	28,835.23	48,863.11	42,122.81	53,365.72	44,229.95	56,808.74	11,922,021.66
370.00	3,022,866.76	-137,279.61	-208,131.48	8,321.89	9,979.48	-69,450.16	-69,148.23	-174.66	-261.99	-135,885.48	-83,395.47	-222,817.34	-261.99	2,114,361.72
370.10	1,917,612.86	-12,707.89	-11,875.27	-3,797.76	-4,158.68	-415,237.48	-43,136.82	0	-190.65	-66,282.65	-50,593.76	-111,815.66	0	1,197,816.24
370.40	600,503.23	-161.51	-553.2	-69.15	0	-14,383.20	-7,492.01	-138.3	0	-35,473.95	-15,074.70	-50,410.35	-138.3	476,608.56
370.50	1,705,225.52	2,233.54	182,094.58	0	36,079.56	19,850.92	490,722.27	157,846.79	117,725.25	98,159.84	81,459.98	-1,489.85	22,418.38	2,912,326.78
371.00	2,980,177.23	28,318.16	21,497.24	21,244.15	20,400.81	3,953.81	21,593.10	11,753.27	29,549.47	13,305.84	23,853.76	17,290.10	13,802.49	3,206,739.43
373.00	553,015.44	11,904.24	9,125.34	6,340.42	3,166.67	25,398.80	16,065.22	4,337.52	3,282.68	14,780.23	4,741.96	5,662.30	4,977.68	662,798.50
389.00	16,614.25	0	0	0	0	0	0	0	0	0	0	0	0	16,614.25
390.00	692,038.45	0	0	0	0	0	0	0	0	59,700.00	0	18,042.00	0	769,780.45
390.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
390.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
390.03	23,442.79	0	0	0	0	0	0	0	0	0	0	0	0	23,442.79
390.04	27,789.11	0	0	0	0	0	0	0	0	0	0	0	0	27,789.11
390.05	119,261.32	0	0	0	0	0	0	0	0	0	0	0	0	119,261.32
390.06	129,990.32	0	0	0	0	0	0	0	0	0	0	0	0	129,990.32
390.07	297,893.28	0	0	0	0	0	0	0	0	0	0	0	0	297,893.28
390.08	26,521.90	0	0	0	0	0	0	0	0	0	0	0	0	26,521.90
390.09	743,095.67	0	0	0	0	0	0	0	0	0	0	0	0	743,095.67
390.10	873,535.91	0	0	0	0	0	0	0	0	0	0	0	0	873,535.91
390.11	616,346.21	0	0	0	0	0	0	0	0	0	0	0	0	616,346.21
390.12	117,473.59	0	0	0	0	0	0	0	0	0	0	0	0	117,473.59
390.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
391.00	364,413.88	0	0	0	0	0	0	0	0	0	0	0	0	364,413.88
391.01	1,067,463.91	2,412.76	3,429.94	2,931.38	0	0	0	0	-848.11	3,499.78	0	0	-15,532.34	1,063,357.32
391.02	522,614.08	3,998.00	0	4,097.43	0	0	0	0	0	0	0	0	36,100.59	566,810.10
392.00	3,486,172.02	-26,725.47	2,861.89	-11,879.06	0	53,366.70	57,558.85	0	-26,106.93	0	54,214.70	44,477.93	-25,490.00	3,608,450.63
393.00	126,614.92	0	0	0	0	0	0	0	0	0	0	0	0	126,614.92
394.00	360,369.09	0	0	9,718.81	0	0	0	0	1,114.96	4,085.45	0	1,558.44	0	376,846.75
395.00	134,381.32	0	0	0	0	0	0	0	0	0	0	0	0	134,381.32
396.00	182,210.00	0	0	0	0	0	0	0	0	0	0	0	0	182,210.00
397.00	673,154.05	0	0	0	0	0	0	0	0	0	8,975.00	2,650.00	0	684,779.05
398.00	589,719.29	0	3,515.12	2,289.60	2,979.73	0	0	0	0	0	681.42	809.16	0	599,994.32

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 34

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

A schedule comparing each income statement account or subaccount included in the Distribution Cooperative's chart of accounts for each month of the of the test year to the same month of the 12-month period immediately preceding the test year. The amounts should reflect the income or expense activity of each month, rather than the cumulative balances at the end of the particular month

Response:

Please see attached.

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GENERAL LEDGER
TRAILING 12 MONTH INCOME STATEMENT

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AS OF DEC 2019

Div Account	Description	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	JUL 2019	AUG 2019	SEP 2019	OCT 2019	NOV 2019	DEC 2019	Total
Line: 1	Operating Revenue and Patronage Capital													
0 440 1	RESIDENTIAL SALES-RURAL	3,730,259	4,583,494	3,365,144	2,731,703	2,106,983	2,528,486	2,779,575	3,197,159	2,999,475	2,546,061	2,680,340	3,148,961	36,397,639
0 442 1	COMMERCIAL/INDUSTRIAL SALES/S	740,810	822,586	663,143	696,148	679,395	767,656	749,478	877,066	885,238	791,403	734,161	704,720	9,111,804
0 442 2	COMMERCIAL/IND SALES-LARGE	79,333	83,772	62,539	71,377	78,073	46,666	81,184	86,904	84,514	79,329	74,500	59,332	887,522
0 444 0	PUBLIC STREET/HIGHWAY LIGHTIN	8,903	10,084	9,020	9,190	9,010	10,609	10,358	10,653	10,876	10,543	10,835	10,762	120,843
0 450 0	FORFEITED DISCOUNTS/LATE CHGS	52,005	62,624	51,515	38,254	29,680	29,873	31,821	41,965	35,903	40,055	22,944	43,020	479,659
0 451 0	MISCELLANEOUS SERVICE REVENU	8,550	11,475	11,320	10,185	11,560	10,460	6,400	9,460	7,830	11,170	9,210	4,625	112,245
0 454 0	RENT FROM ELECTRIC PROPERTY	53,247	52,121	51,971	51,971	51,971	51,971	47,471	47,471	261,348	69,133	69,133	59,371	867,179
0 456 0	OTHER ELECTRIC SVCS/REVENUES	50	50	80	50	75	50	50	50	50	50	50	80	685
	Total 1. Operating Revenue and Patronage Capital:	4,673,156	5,626,206	4,214,733	3,608,878	2,966,747	3,445,771	3,706,337	4,270,728	4,285,233	3,547,743	3,601,172	4,030,870	47,977,575
Line: 3	Cost of Purchased Power													
0 555 0	PURCHASED POWER	3,282,230	3,464,484	2,599,252	2,743,118	2,066,282	2,068,113	2,358,214	2,780,355	2,635,009	2,350,231	2,019,704	2,739,659	31,106,651
	Total 3. Cost of Purchased Power:	3,282,230	3,464,484	2,599,252	2,743,118	2,066,282	2,068,113	2,358,214	2,780,355	2,635,009	2,350,231	2,019,704	2,739,659	31,106,651
Line: 6	Distribution Expense - Operation													
0 580 0	OPERATION: SUPERVISION: ENGINEE	6,017	5,676	5,652	5,187	5,600	5,711	5,356	5,316	6,494	5,627	5,147	5,754	67,737
0 582 0	STATION EXPENSE	556	518	536	539	568	516	520	579	544	555	517	488	6,436
0 583 0	OVERHEAD LINE EXPENSE	74,232	68,913	65,730	66,826	67,286	68,574	62,115	60,116	69,986	63,113	70,474	59,905	797,361
0 583 1	LINE EXPENSE/TROUBLE CALLS	2,213	164	877	565	1,244	887	572	1,487	803	249	1,202	1,143	11,406
0 583 2	LINE PATROL/TROUBLE SHOOTING	1,024	553	167	0	0	0	0	0	0	0	0	0	1,744
0 583 3	OVERHEAD EQUIP/INSPECTION	0	0	87	0	0	0	0	123	0	0	453	64	727
0 583 4	CONTRACT LINE PATROL INSPECTIO	4,550	2,850	2,900	0	4,150	0	5,150	6,750	0	0	4,650	2,340	33,340
0 583 5	CONTRACT TRANSFORMER INSTALL	93	4,027	887	2,841	0	1,961	2,369	0	858	2,165	2,010	5,095	22,306
0 584 0	UNDERGROUND LINE EXPENSE	6,476	6,476	6,476	6,476	6,476	6,476	6,476	6,476	6,476	6,476	6,476	6,476	77,717
0 585 0	STREET LIGHTING/SIGNAL SYS EX	127	127	127	127	127	127	127	127	127	127	127	127	1,525
0 586 0	METER EXPENSE	-16,595	-30,487	-24,088	24,428	43,899	-64,488	-3,742	26,949	50,276	48,446	43,034	41,343	138,977
0 586 2	ROUTINE METER CHANGES	3,920	19,217	17,676	22,655	13,176	0	379	0	0	2,541	3,817	1,629	85,011
0 586 3	TRAINING EXPENSE	426	1,529	2,555	1,136	1,035	0	0	118	1,159	0	0	0	7,957
0 586 4	AMR SOFTWARE TRAINING	0	0	0	0	0	0	0	0	0	3,001	910	0	3,911
0 586 41	AMR - TURTLE TROUBLE	1,534	1,411	606	0	0	81	0	99	0	383	0	0	4,114
0 587 0	CONSUMER INSTALLATION EXPENS	11,514	10,634	11,463	10,934	10,779	10,798	10,897	10,589	10,634	10,595	10,544	10,589	129,971
0 588 0	MISCELLANEOUS DISTRIBUTION EX	26,909	23,713	24,091	23,402	24,624	21,992	25,000	24,163	23,064	24,503	24,497	22,454	288,412

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GENERAL LEDGER
TRAILING 12 MONTH INCOME STATEMENT

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AS OF DEC 2019

Div Account	Description	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	JUL 2019	AUG 2019	SEP 2019	OCT 2019	NOV 2019	DEC 2019	Total
0 588 1	MAPPING/DATABASE	3,806	3,327	3,086	1,384	379	3,795	2,437	1,947	1,398	1,286	3,690	1,382	27,919
0 588 11	CALL CENTER (CRC) EXPENSES	4,696	4,259	4,402	4,573	4,702	5,173	4,565	4,413	4,399	4,351	5,190	3,877	54,601
0 588 25	GPS EXPENSE	11,245	10,435	10,365	9,565	10,545	8,342	8,381	10,060	11,034	8,921	9,877	11,049	119,819
0 588 3	FIELD COUNT/POLE ATTACHMENT/	3,654	11,361	13,610	3,902	0	0	0	2,194	0	1,697	0	0	36,418
0 588 4	MAPPING/TRAINING EXPENSES	0	0	0	0	0	0	2,299	0	0	0	0	0	2,299
0 588 9	CONTRACT LAWN CARE/CLEANING	5,899	5,711	5,779	5,711	5,779	6,236	5,899	5,711	6,217	5,827	5,947	5,188	69,925
0 589 0	RENTS	3,757	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	17,507
Total 6. Distribution Expense - Operation:		156,056	151,666	154,234	191,501	201,620	77,451	140,052	168,668	194,719	191,114	199,813	180,245	2,007,139
Line: 7	Distribution Expense - Maintenance													
0 590 0	MAINTENANCE/SUPERVISION/ENG	15,730	13,947	14,048	13,785	14,068	13,883	15,906	15,252	14,623	15,406	14,292	14,250	175,191
0 592 0	MAINTENANCE/STATION EQUIPMEN	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	12,818
0 593 0	MAINTENANCE OVERHEAD LINES	37,447	38,024	33,664	32,716	27,300	26,827	30,352	33,631	32,022	32,584	21,135	30,325	376,027
0 593 1	OUTAGES/REG AND OT	45,539	47,867	44,717	49,901	47,788	96,790	64,951	54,589	33,503	47,286	60,576	33,099	626,606
0 593 11	MAINTENANCE EXPENSE/DAMAGES	0	0	0	0	2,600	500	0	0	0	0	-33	1,500	3,967
0 593 14	REST TIME/MANDANTORY REST	469	495	789	628	132	3,891	759	465	0	0	0	221	7,850
0 595 15	STANDBY COMPENSATION/NO OLT	3,624	3,166	3,560	3,893	3,465	3,369	3,488	3,608	3,386	3,471	3,393	3,466	41,891
0 593 2	OCR REPAIRS	5,297	4,358	0	0	0	0	3,795	221	0	548	0	501	14,719
0 593 22	TRAINING EXPENSE	0	4,514	1,195	0	328	2,598	6	0	0	0	0	0	8,642
0 593 3	CONTRACT POLE TREATING	25,762	15,796	26,523	23,816	16,584	2,922	0	0	0	0	0	0	111,402
0 593 4	MATERIAL/EXPENSED	479	24	1,809	4,429	2,210	2,269	2,121	3,269	1,823	1,317	544	2,533	22,826
0 593 89	R/WAY/ALTERNATIVE METHOD	0	0	0	0	1,692	750	0	0	0	0	0	0	2,442
0 593 9	MAINTENANCE/RIGHT-OF-WAY	81,906	63,256	52,559	74,146	80,025	37,546	133,270	165,618	97,744	191,095	106,654	136,974	1,220,792
0 593 91	R/WAY-SERVICE ORDERS	42,088	15,605	20,805	18,115	15,675	76,631	11,174	36,261	19,570	11,945	18,092	24,405	310,365
0 593 92	R/WAY-CLEARING STORMS	0	408	0	0	0	29,630	1,358	415	0	0	2,050	0	33,861
0 593 94	R/WAY-HERBICIDE USE	0	0	0	0	0	38,058	12,550	14,828	4,254	23,093	84,684	43,200	220,668
0 593 95	MISCELLANEOUS/R-WAY	90	3,136	-2,750	1,852	3,726	63	1,586	365	161	910	1,843	21	11,005
0 593 97	R/WAY MANAGEMENT	7,273	9,935	11,825	12,647	11,193	10,024	13,176	12,275	8,457	12,679	12,090	11,718	133,290
0 593 99	R/WAY/CLARK EMPLOYEES	0	0	503	0	0	0	154	114	390	228	0	0	1,389
0 594 0	MAINTENANCE UNDERGROUND LIN	0	198	177	125	0	296	699	0	120	342	123	0	2,081
0 594 1	URD TROUBLE CALLS EXPENSE	338	1,479	0	210	0	0	0	0	0	1,025	0	0	3,052
0 594 2	URD LOCATES/811	4,799	3,384	5,209	5,996	4,672	4,454	6,839	5,673	5,928	5,898	4,566	3,468	60,887

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GENERAL LEDGER
TRAILING 12 MONTH INCOME STATEMENT

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Div Account	Description	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	JUL 2019	AUG 2019	SEP 2019	OCT 2019	NOV 2019	DEC 2019	Total
0 594 94	CONTRACT URD LINE INSPECTIONS	3,900	3,360	12,510	0	1,140	0	720	1,680	0	200	3,630	420	27,560
0 595 0	MAINTENANCE LINE TRANSFORMER	627	0	418	0	0	71	0	0	0	769	0	0	1,884
0 595 1	TRANSFORMER/REPAIR AND DISPOS	0	1,493	6,262	136	1,030	1,129	3,313	554	200	406	1,424	294	16,240
0 595 2	CONTRACT URD PAINTING & REPAI	0	0	0	0	0	5,840	0	0	0	0	0	0	5,840
0 596 0	MAINTENANCE STREET LITES/SIG	0	0	0	173	0	0	0	0	0	0	375	0	548
0 597 0	MAINTENANCE METERS	0	0	1,800	0	0	0	0	0	0	0	1,192	0	2,992
0 597 1	CONTRACT METER TESTING	1,578	0	0	15,190	5,310	8,368	0	0	4,710	10,565	5,678	4,780	56,179
0 598 0	MAINTENANCE MISC DISTRIB PLAN	1,908	0	0	150	1,908	0	0	0	0	2,925	378	589	7,859
Total 7. Distribution Expense - Maintenance:		279,923	231,513	236,690	258,974	241,315	366,980	307,286	349,885	227,958	765,762	343,755	312,832	3,520,873
Line: 8	Customer Accounts Expense													
0 901 0	SUPERVISION CONSUMER ACCOUNT	8,007	6,956	6,615	6,740	7,480	6,641	8,208	7,426	7,286	7,296	7,245	6,948	86,849
0 902 0	METER READING EXPENSE	1,082	580	424	855	915	442	669	747	203	284	0	487	6,688
0 902 11	AMR OPERATING EXPENSES	6,898	6,504	7,567	9,027	8,022	8,663	7,048	7,385	7,852	10,760	11,673	6,895	98,292
0 903 0	CUSTOMER RECORD/COLLECTION E	64,984	57,850	59,460	62,257	61,555	57,264	71,103	63,028	61,786	61,924	57,755	56,243	735,209
0 903 01	POSTAGE/CUSTOMER RELATED	10,075	9,786	10,422	9,873	9,877	12,599	9,865	9,884	9,468	10,316	9,286	9,887	121,339
0 903 1	COLLECTION CONNECTIONS	0	376	626	0	271	85	72	203	219	560	555	261	3,229
0 903 2	CUST/REC:COLLECT EX:OVER/SHOR	-49	105	144	-39	-2	-26	-4	27	19	-20	13	-9	159
0 903 3	MISC COMPUTING CHARGES	12,088	12,449	12,734	12,625	5,084	21,785	12,132	12,097	11,936	12,796	13,483	12,274	151,483
0 903 4	COLLECTION AGENCY FEES	600	378	509	693	410	282	233	288	345	319	440	406	4,903
0 903 5	ONLINE CREDIT CHECK FEE	214	182	131	170	198	176	215	180	173	139	126	177	2,082
0 903 6	IVR/E-CHECK FEES	8,163	7,622	8,500	9,396	8,406	8,455	8,356	8,585	9,120	8,284	9,520	8,948	103,356
Total 8. Customer Accounts Expense:		112,062	102,788	107,133	111,597	102,217	116,367	117,897	109,850	108,407	112,657	110,095	102,520	1,313,590
Line: 9	Customer Service and Informational Expense													
0 907 0	SUPERVISION/CUSTOMER SERVICE	3,082	3,089	3,077	3,466	3,451	2,682	3,420	2,878	3,290	3,246	3,277	3,318	38,277
0 908 0	CUSTOMER ASSISTANCE EXPENSE	22,404	19,851	22,285	25,590	28,308	18,717	23,796	26,823	23,557	27,631	22,319	23,565	284,845
0 908 1	CUST ASSISTANCE EXP/E AUDITS/CO	1,800	1,394	2,132	2,639	899	1,159	3,397	1,296	1,021	498	1,918	729	18,883
0 908 2	EKP DSM/LOST REVENUE CREDIT'S	-6,322	-3,740	-3,045	-2,485	-1,905	-1,275	-1,235	-2,605	-300	-2,210	-1,105	-870	-27,297
0 908 3	CUST SERVICE EXP/EKP TRANSFER P	-620	-530	-400	-600	-420	-200	-200	-690	-200	-180	-90	-90	-4,220
0 909 0	INFORMATION/INSTRUCTION AD EX	241	225	241	482	0	748	938	666	636	1,021	601	841	6,642
0 909 1	INFORMATION EXP/SAFETY TRAIL E	1,332	0	214	0	466	436	0	604	0	0	571	751	4,374
0 910 0	MISC CUST SERV/INFORMATION EX	27	42	70	70	207	70	3,274	826	1,610	70	0	2,513	8,780

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Div Account	Description	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	JUL 2019	AUG 2019	SEP 2019	OCT 2019	NOV 2019	DEC 2019	Total
Total 9. Customer Service and Informational Expense:		21,945	20,331	24,574	29,162	31,007	22,337	33,389	29,799	29,415	30,076	27,491	30,757	330,285
Line:	10 Sales Expense													
0 912 0	DEMONSTRATING/SELLING EXPENS	809	250	434	436	377	399	769	536	525	1,059	208	2,202	8,002
0 912 1	DEM/SELLING EXPENSE/ETS WARRA	-40	-40	85	-40	-40	-40	-40	-40	-40	-35	-35	-35	-344
Total 10. Sales Expense:		769	210	519	395	336	358	728	495	484	1,024	172	2,167	7,658
Line:	11 Administrative and General Expense													
0 920 0	ADMINISTRATIVE/GENERAL SALAR	38,626	77,549	37,212	31,533	34,467	14,705	37,017	35,256	36,008	35,135	36,763	32,076	446,347
0 921 0	OFFICE SUPPLIES/EXPENSES	13,837	12,253	11,014	8,705	9,358	13,200	10,675	11,427	12,299	12,479	12,082	11,838	139,166
0 921 01	POSTAGE	998	-6	994	-7	148	1,499	0	1,494	-3	-4	1,084	-3	6,194
0 921 3	MISC COMPUTING CHARGES	1,073	1,034	1,034	1,034	0	2,069	1,036	1,104	1,040	1,055	1,055	1,055	12,591
0 923 0	OUTSIDE SERVICES EMPLOYED	1,318	700	700	2,735	700	700	14,507	700	700	5,084	907	946	29,696
0 923 1	OUTSIDE SERVICES/ATTORNEY	0	0	0	0	0	0	0	0	0	0	391	0	391
0 929 0	DUPLICATE CHARGES-CR/COOP USE	-4,981	-4,508	-4,612	-2,542	-2,681	-2,821	-3,414	-3,073	-3,155	-2,536	-3,637	-3,959	-41,919
0 930 1	MISC GEN EX/GENERAL AD EXPENS	600	60	659	1,140	830	640	300	205	373	394	185	859	6,245
0 930 2	MISCELLANEOUS GENERAL EXPENS	2,696	2,760	2,092	3,593	3,099	2,715	2,192	3,259	3,102	2,525	4,952	5,123	38,108
0 930 21	MISC GENERAL EX/ANNUAL MEETIN	0	0	0	0	306	17,521	3,701	40	0	0	0	0	21,568
0 930 22	MISC GENERAL EX/A M-ELECTION	0	0	0	1,186	599	0	0	0	0	0	0	0	1,785
0 930 23	MEMBER EDUCATION	888	184	866	108	374	2,099	13,631	2,443	1,899	1,362	250	2,548	26,652
0 930 24	COMPANY MEMBERSHIP DUES	12,637	8,675	8,087	8,087	8,087	8,087	8,287	8,087	8,087	8,087	-5,428	8,091	88,874
0 930 25	KY LIVING MAGAZINE	12,260	8,568	8,602	8,585	8,575	10,987	8,590	8,545	8,609	8,571	8,639	8,538	109,070
0 930 4	ROBERT RUSSELL/DIRECTOR	2,711	5,184	1,101	1,000	1,000	1,000	1,000	1,000	2,655	1,462	1,000	1,000	20,113
0 930 41	JAMES M WELLS/DIRECTOR	2,680	350	1,000	1,000	5,209	1,368	1,000	1,000	3,083	2,742	4,626	824	24,882
0 930 42	STEVE HALE/DIRECTOR	1,950	1,000	1,000	1,000	1,000	1,022	1,000	1,026	3,214	2,720	4,630	301	19,863
0 930 43	WALTER BALLARD JR/DIRECTOR	2,037	700	1,000	1,000	700	1,342	4,888	1,000	2,655	2,710	4,714	979	23,725
0 930 45	LINVILLE GALE MEANS/DIRECTOR	2,705	5,210	1,401	1,000	1,000	1,000	1,300	1,000	1,350	2,473	4,645	876	23,959
0 930 46	WILLIAM P SHEARER/DIRECTOR	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2,619	1,166	2,324	1,199	15,309
0 930 47	ALLEN PATRICK/DIRECTOR	1,967	1,000	1,000	1,000	4,768	1,000	830	1,000	2,605	1,306	2,415	1,199	20,091
0 930 49	DEWEY HOLLON/DIRECTOR	1,060	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000
0 930 5	OH CAUDILL JR/DIRECTOR	1,921	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2,655	1,231	2,100	1,180	16,087
0 932 0	MAINTENANCE GENERAL PLANT	28,043	17,036	16,887	15,158	20,682	29,707	20,176	28,058	21,227	39,228	26,797	15,292	278,292
0 932 1	MAINTENANCE AGREEMENTS	4,243	12,813	7,359	10,383	4,051	3,984	4,936	3,964	13,754	6,061	8,318	4,862	84,729

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Div Account	Description	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	JUL 2019	AUG 2019	SEP 2019	OCT 2019	NOV 2019	DEC 2019	Total
0 932 15	MAINTENANCE/SECURITY MONITOR	261	261	261	261	261	261	261	261	269	269	269	269	3,162
0 932 16	MAINTENANCE/GP-CLEANING SUPP	2,513	2,085	2,597	2,149	3,132	1,769	2,176	3,099	1,932	2,065	2,626	1,722	27,866
Total 11. Administrative and General Expense:		132,982	155,908	163,254	161,110	168,668	116,855	137,091	113,895	127,977	136,583	122,706	97,818	1,454,846
Line:	12. Total Operation & Maintenance Expense (2 thru 11)	3,985,965	4,126,900	3,225,656	3,435,858	2,751,446	2,768,461	3,094,657	3,552,949	3,323,969	3,185,446	2,823,736	3,465,997	39,741,042
Line:	13. Depreciation & Amortization Expense													
0 403 6	DEPRECIATION EX-DIST PLANT	412,013	413,959	415,378	417,238	417,629	416,535	418,845	420,777	422,305	423,441	424,224	425,671	5,028,015
0 403 7	DEPRECIATION EX-GENERAL PLANT	22,143	22,343	22,559	22,594	23,161	23,183	23,890	23,710	23,613	23,602	23,758	24,153	278,710
Total 13. Depreciation & Amortization Expense:		434,156	436,302	437,937	439,832	440,790	439,718	442,736	444,488	445,918	447,043	447,981	449,824	5,306,725
Line:	15. Tax Expense - Other													
0 408 5	TAXES-PSC ASSESSMENT	5,083	5,083	5,083	5,083	5,083	5,083	5,479	5,479	5,479	5,479	5,479	5,479	63,374
Total 15. Tax Expense - Other:		5,083	5,083	5,083	5,083	5,083	5,083	5,479	5,479	5,479	5,479	5,479	5,479	63,374
Line:	16. Interest on Long-Term Debt													
0 427 15	INTEREST-FFB CONSTRUCTION LOA	126,500	126,500	125,711	124,400	124,400	122,727	117,340	117,340	117,584	120,480	120,480	119,761	1,463,223
0 427 2	CFC LTD/INTEREST ACCRUAL	35,900	16,269	28,730	28,500	28,512	46,429	27,200	8,589	23,700	26,514	28,787	26,236	325,367
Total 16. Interest on Long-Term Debt:		162,400	142,769	154,441	152,900	152,912	169,156	144,540	125,929	141,284	146,994	149,267	145,997	1,788,590
Line:	18. Interest Expense - Other													
0 431 0	OTHER INTEREST EXPENSE	6,402	5,617	31,530	4,646	4,323	-22,669	6,605	6,541	6,941	5,893	3,003	4,364	63,195
Total 18. Interest Expense - Other:		6,402	5,617	31,530	4,646	4,323	-22,669	6,605	6,541	6,941	5,893	3,003	4,364	63,195
Line:	19. Other Deductions													
0 426 1	DONATIONS	421	350	1,750	1,273	1,129	200	350	3,102	1,550	2,007	823	289	13,244
0 426 3	PENALTIES	0	0	0	0	0	0	0	70	0	0	0	0	70
0 426 5	OTHER DEDUCTIONS	21,900	6,856	94	269	0	0	0	0	0	10,122	0	0	39,240
Total 19. Other Deductions:		22,321	7,206	1,844	1,541	1,129	200	350	3,172	1,550	12,130	823	289	52,553
Line:	20. Total Cost of Electric Service (12 thru 19)	4,616,327	4,723,876	3,856,491	4,029,861	3,355,684	3,359,949	3,694,367	4,138,558	3,925,143	3,802,985	3,430,290	4,071,950	47,015,479
Line:	21. Patronage Capital & Operating Margins (1 minus 20)	56,829	902,329	358,242	-430,982	-388,937	85,822	11,971	132,170	360,091	-255,241	170,883	-41,079	962,097
Line:	22. Non Operating Margins - Interest													
0 419 0	INTEREST & DIVIDENDS INCOME	3,520	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	23,057	3,386	3,000	57,924
Total 22. Non Operating Margins - Interest:		3,520	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	23,057	3,386	3,000	57,924
Line:	24. Income (Loss) from Equity Investments													
0 418 1	EQUITY/EARNINGS OF SUBSIDIARY	0	0	0	0	0	0	0	0	0	0	0	335,975	335,975
0 418 15	SUBSIDIARIES/PROPANE EXPENSES	-629	0	-688	-14,000	-20,941	-13,000	-3,462	-844	-13,000	-461	-649	-13,000	-80,672

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Div Account	Description	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	JUL 2019	AUG 2019	SEP 2019	OCT 2019	NOV 2019	DEC 2019	Total
Total 24. Income (Loss) from Equity Investments:		-629	0	-688	-14,000	-20,941	-13,000	-3,462	-844	-13,000	-461	-649	322,975	255,303
Line: 25	Non Operating Margins - Other													
0 421 1	GAIN/LOSS ON DISPOSITION OF PRO	0	-5,000	4,464	7,825	0	0	0	0	5,000	0	0	0	12,289
Total 25. Non Operating Margins - Other:		0	-5,000	4,464	7,825	0	0	0	0	5,000	0	0	0	12,289
Line: 26	Generation and Transmission Capital Credits													
0 423 0	GEN/TRANS COOP CAPITAL CREDITS	0	0	0	-6,976	0	0	0	0	0	0	0	1,224,000	1,217,024
Total 26. Generation and Transmission Capital Credits:		0	0	0	-6,976	0	0	0	0	0	0	0	1,224,000	1,217,024
Line: 27	Other Capital Credits and Patronage Dividends													
0 424 0	CAPITAL CREDITS/OTHER ORANIZA	236	0	23,769	0	519	0	0	0	22,460	0	0	14,771	61,755
Total 27. Other Capital Credits and Patronage Dividends:		236	0	23,769	0	519	0	0	0	22,460	0	0	14,771	61,755
Line: 29.	Patronage Capital or Margins (21 thru 28)	59,957	900,449	388,907	-441,013	-106,239	75,942	11,629	134,447	377,671	-232,645	173,621	1,523,667	2,566,393
Line:	Operating - Margin	57,065	902,329	382,011	-437,938	-388,418	85,822	11,971	132,170	382,551	-255,241	170,883	1,197,691	2,240,877
Line:	Non Operating - Margin	2,891	-1,880	6,896	-3,055	-17,821	-9,880	-341	2,276	-4,880	22,596	2,738	325,975	325,516

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Div Account	Description	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	OCT 2018	NOV 2018	DEC 2018	Total
Line: 1	Operating Revenue and Patronage Capital													
0 440 1	RESIDENTIAL SALES-RURAL	4,549,632.56	4,597,150.12	3,014,781.52	3,286,273.25	2,542,461.91	2,641,050.08	3,061,190.32	3,013,652.51	2,924,070.02	2,589,662.99	2,558,316.54	3,545,857.52	38,124,099.34
0 442 1	COMMERCIAL/INDUSTRIAL SALES/S	772,024.98	866,258.20	707,990.42	783,584.19	725,718.62	792,854.75	823,728.15	859,964.16	812,824.97	759,713.70	749,864.51	800,878.30	9,455,404.95
0 442 2	COMMERCIAL/IND SALES-LARGE	84,678.26	87,509.50	70,141.13	86,368.89	84,794.64	84,347.78	83,808.10	87,466.76	80,638.25	78,765.10	80,876.53	77,377.13	986,772.07
0 444 0	PUBLIC STREET/HIGHWAY LIGHTING	8,341.40	8,324.25	8,609.65	8,288.66	8,358.03	8,009.93	7,782.34	8,092.81	9,021.86	7,948.01	8,201.20	8,626.42	99,604.56
0 450 0	FORFEITED DISCOUNTS-LATE CHGS	61,087.77	72,860.19	46,430.21	55,845.98	46,261.70	34,287.28	36,642.80	39,987.27	39,477.46	34,479.38	31,514.70	43,498.22	542,372.96
0 451 0	MISCELLANEOUS SERVICE REVENUE	9,990.00	11,425.48	10,875.00	9,780.00	12,440.00	11,405.00	4,935.00	9,500.00	10,253.00	8,610.00	3,925.00	9,525.00	112,685.48
0 454 0	RENT FROM ELECTRIC PROPERTY	55,148.00	55,148.00	55,148.00	55,148.00	55,148.00	55,148.00	55,148.00	34,598.00	34,598.00	34,598.00	34,598.00	46,540.36	570,968.36
0 456 0	OTHER ELECTRIC SVCS/REVENUES	80.00	50.00	50.00	0.00	50.00	50.00	50.00	80.00	50.00	50.00	50.00	50.00	610.00
	Total 1. Operating Revenue and Patronage Capital:	5,540,982.97	5,698,725.74	3,914,025.93	4,285,288.97	3,475,232.90	3,627,152.82	4,073,304.71	4,053,341.51	3,910,935.56	3,313,827.18	3,467,346.48	4,532,352.95	49,892,517.72
Line: 3	Cost of Purchased Power													
0 555 0	PURCHASED POWER	3,525,278.00	4,143,480.00	2,857,992.00	2,624,269.00	2,303,954.00	2,316,587.00	2,577,578.00	2,554,654.00	2,435,605.00	2,265,571.00	2,177,494.00	2,770,766.00	32,553,228.00
	Total 3. Cost of Purchased Power:	3,525,278.00	4,143,480.00	2,857,992.00	2,624,269.00	2,303,954.00	2,316,587.00	2,577,578.00	2,554,654.00	2,435,605.00	2,265,571.00	2,177,494.00	2,770,766.00	32,553,228.00
Line: 6	Distribution Expense - Operation													
0 580 0	OPERATION-SUPERVISION-ENGINEER	5,494.01	5,541.09	5,345.74	5,101.53	5,479.31	5,329.35	5,180.92	4,341.85	4,593.14	6,058.17	5,712.01	5,479.41	63,856.53
0 582 0	STATION EXPENSE	556.64	512.73	526.01	1,038.61	886.82	1,232.04	514.33	563.34	512.75	587.25	603.88	499.38	8,033.78
0 583 0	OVERHEAD LINE EXPENSE	52,126.89	56,784.24	58,959.72	57,356.79	52,059.62	52,829.91	49,263.49	47,990.81	49,067.20	50,495.71	52,408.68	50,948.69	630,291.75
0 583 1	LINE EXPENSE/TROUBLE CALLS	6,059.26	743.79	1,045.88	216.89	1,759.59	3,961.18	812.17	933.82	2,532.03	159.78	0.00	0.00	18,224.39
0 583 2	LINE PATROL/TROUBLE SHOOTING	68.38	156.36	188.05	137.05	289.50	0.00	0.00	0.00	0.00	77.95	616.73	191.27	1,725.29
0 583 3	OVERHEAD EQUIP/INSPECTION	438.55	0.00	359.04	0.00	2,200.45	3,806.25	0.00	599.95	0.00	0.00	0.00	0.00	7,404.24
0 583 4	CONTRACT LINE PATROL/INSPECTIO	5,350.00	5,100.00	6,200.00	5,350.00	3,750.00	4,150.00	5,400.00	4,200.00	0.00	3,100.00	0.00	750.00	43,550.00
0 583 5	CONTRACT TRANSFORMER INSTALL	1,471.15	2,421.59	1,688.54	383.65	5,118.45	3,631.08	0.00	868.37	0.00	8,667.20	290.83	387.78	24,928.64
0 584 0	UNDERGROUND LINE EXPENSE	5,403.27	5,576.82	5,403.27	5,403.27	4,316.01	4,316.01	4,992.14	4,737.89	4,316.01	4,316.01	4,316.01	4,316.01	57,412.72
0 585 0	STREET LIGHTING/SIGNAL SYS EX	191.79	191.79	191.79	191.79	112.32	112.32	112.32	112.32	112.32	112.32	112.32	112.32	1,665.72
0 586 0	METER EXPENSE	41,666.57	-17,779.92	39,298.96	34,956.64	26,005.02	-133,548.90	-6,606.29	1,747.37	-3,837.51	13,300.87	41,372.97	41,461.91	78,018.29
0 586 2	ROUTINE METER CHANGES	24,520.63	17,655.03	2,621.38	7,905.14	3,321.18	6,332.37	8,939.19	25,497.03	25,282.47	31,197.26	7,558.56	9,671.06	170,501.30
0 586 3	TRAINING EXPENSE	395.00	0.00	2,195.90	485.98	2,908.35	44.88	0.00	0.00	1,033.80	3,203.63	845.94	574.15	11,687.63
0 586 4	AMR SOFTWARE TRAINING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,072.57	0.00	2,072.57
0 586 41	AMR - TURTLE TROUBLE	211.80	240.11	437.88	0.00	233.15	2,445.49	1,249.33	398.07	124.32	297.97	546.53	530.63	6,715.28
0 587 0	CONSUMER INSTALLATION EXPENS	10,293.37	8,786.93	9,100.51	8,986.32	8,266.07	8,009.97	8,184.98	8,009.79	7,956.08	8,443.28	8,058.03	7,726.11	101,821.44
0 588 0	MISCELLANEOUS DISTRIBUTION EX	28,943.65	22,446.00	25,270.12	25,258.51	24,916.57	22,663.66	26,288.63	23,096.97	22,399.94	25,349.77	25,105.50	26,436.37	298,175.69

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Div Account	Description	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	OCT 2018	NOV 2018	DEC 2018	Total
0 588 1	MAPPING/DATABASE	1,448.44	1,378.39	1,599.12	1,422.86	2,787.43	1,456.79	3,267.67	2,501.72	2,049.74	1,567.10	5,096.35	4,657.37	29,232.98
0 588 11	CALI. CENTER (CRC) EXPENSES	5,162.45	4,038.52	5,560.47	4,241.26	4,603.22	4,546.21	6,146.74	4,503.52	5,136.30	4,826.96	4,970.39	4,183.49	57,919.53
0 588 25	GPS EXPENSE	10,579.84	9,152.07	8,356.63	9,147.15	9,818.39	9,310.51	6,893.48	8,186.40	6,968.29	10,254.37	10,370.59	9,564.70	108,602.42
0 588 4	MAPPING/TRAINING EXPENSES	0.00	0.00	0.00	8,685.19	1,051.66	0.00	2,347.02	1,316.08	2,114.87	795.00	0.00	0.00	16,309.82
0 588 9	CONTRACT LAWN CARE/CLEANING	5,617.74	4,987.74	5,982.74	5,432.74	5,532.24	5,982.24	5,692.51	5,779.41	5,779.41	5,779.41	5,641.61	5,779.41	67,987.20
0 589 0	RENTS	3,956.00	1,250.00	1,250.00	1,250.00	1,250.00	1,250.00	1,250.00	1,250.00	1,250.00	1,250.00	1,250.00	1,250.00	17,706.00
Total 6. Distribution Expense - Operation:		210,155.43	129,183.28	181,581.75	182,931.37	166,665.35	8,061.96	129,928.63	146,634.71	157,391.16	179,840.01	176,949.50	174,520.06	1,823,843.21
Line: 7	Distribution Expense - Maintenance													
0 590 0	MAINTENANCE/SUPERVISION/ENG	13,911.61	14,117.48	13,932.14	14,158.89	14,043.04	13,046.43	12,748.79	15,061.29	13,286.54	14,148.31	15,048.06	13,775.59	167,278.17
0 592 0	MAINTENANCE/STATION EQUIPMEN	538.14	538.14	538.14	538.14	89.44	89.44	89.44	89.44	89.44	89.44	89.44	89.44	2,868.08
0 593 0	MAINTENANCE OVERHEAD LINES	31,106.90	27,553.50	39,384.02	28,420.03	25,558.50	22,264.01	19,806.64	37,101.52	27,398.97	31,938.88	21,451.31	32,814.95	344,799.23
0 593 1	OUTAGES/REG AND OT	49,451.95	41,441.10	193,085.01	87,293.77	57,745.96	70,178.86	205,419.51	64,887.32	100,677.04	63,288.34	63,321.27	48,874.67	1,045,664.80
0 593 11	MAINTENANCE EXPENSE/DAMAGES	213.02	0.00	0.00	0.00	0.00	500.00	0.00	0.00	615.00	0.00	0.00	2,510.00	3,838.02
0 593 14	REST TIME/MANDATORY REST	1,408.67	872.41	0.00	1,133.36	643.87	868.14	3,290.32	478.54	1,202.60	227.00	415.84	1,302.03	11,842.78
0 593 15	STANDBY COMPENSATION/NO OUT	3,554.63	3,188.80	3,509.66	3,386.12	3,466.93	3,311.88	3,327.76	3,673.50	3,385.54	3,490.19	3,390.96	3,469.31	41,155.28
0 593 2	OCR REPAIRS	0.00	0.00	0.00	0.00	8,685.98	3,821.45	0.00	971.04	0.00	933.35	0.00	2,669.65	17,081.47
0 593 22	TRAINING EXPENSE	1,700.00	2,298.38	3,575.35	0.00	0.00	1,835.92	2,234.10	0.00	-10.70	0.00	0.00	0.00	11,633.05
0 593 23	COPPER REPLACEMENT/THEFTS	-50.00	0.00	0.00	-100.00	0.00	-150.00	-100.00	-95.24	0.00	-100.00	-679.52	0.00	-1,274.76
0 593 3	CONTRACT POLE TREATING	26,452.80	30,227.42	27,742.75	16,871.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101,294.95
0 593 4	MATERIAL/EXPENSED	1,979.41	1,219.53	9,299.38	3,994.85	22.26	2,728.45	3,418.76	2,466.36	54.06	1,461.74	1,693.60	3,163.04	31,501.44
0 593 89	R/WAY/ALTERNATIVE METHOD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,342.70	0.00	0.00	0.00	0.00	19,342.70
0 593 9	MAINTENANCE/RIGHT-OF-WAY	55,946.63	61,756.27	64,552.04	77,856.47	71,093.16	86,562.66	68,341.06	100,081.88	75,789.00	123,339.10	98,861.17	86,867.59	971,047.03
0 593 91	R/WAY-SERVICE ORDERS	4,153.30	7,032.80	9,420.73	13,142.47	11,758.93	23,276.91	17,854.93	13,407.33	18,980.41	21,926.19	5,556.78	13,084.20	159,594.98
0 593 92	R/WAY-CLEARING STORMS	0.00	305.65	32,249.82	0.00	434.88	0.00	22,813.45	7,589.84	0.00	0.00	0.00	0.00	63,393.64
0 593 94	R/WAY-HERBICIDE USE	0.00	0.00	119.44	0.00	0.00	0.00	13,601.84	17,120.00	23,861.00	18,695.44	0.00	0.00	73,397.72
0 593 97	R/WAY MANAGEMENT	13,430.10	10,174.49	14,950.93	10,144.50	12,207.14	9,626.13	11,195.09	12,592.43	8,926.86	14,257.24	13,029.05	13,091.30	143,625.26
0 593 99	R/WAY/CLARK EMPLOYEES	0.00	0.00	0.00	0.00	0.00	720.58	271.50	0.00	347.57	430.54	223.60	646.98	2,640.77
0 594 0	MAINTENANCE UNDERGROUND LIN	30.18	37.44	1,151.11	32.32	0.00	0.00	1,617.60	321.94	0.00	1,237.57	237.83	0.00	4,665.99
0 594 1	URD TROUBLE CALLS EXPENSE	0.00	0.00	512.28	321.27	0.00	301.80	0.00	0.00	0.00	1,209.74	0.00	0.00	2,345.09
0 594 2	URD LOCATES/RII	7,403.01	6,476.05	6,240.98	5,945.63	7,408.50	6,542.30	4,593.61	5,954.92	4,570.43	5,317.02	3,484.26	3,675.29	67,612.00
0 594 94	CONTRACT URD LINE INSPECTIONS	1,770.00	2,700.00	6,720.00	1,140.00	480.00	1,050.00	1,920.00	1,590.00	500.00	3,240.00	0.00	450.00	21,560.00

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Div Account	Description	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	OCT 2018	NOV 2018	DEC 2018	Total
0 595 0	MAINTENANCE LINE TRANSFORMER	0 00	405 09	438 50	0 00	0 00	528 60	951 00	2,179 39	0 00	1,141 46	300 69	593 51	6,538 24
0 595 1	TRANSFORMER/REPAIR AND DISPOS	0 00	285 00	11,010 58	1,576 26	0 00	5,886 15	2,304 41	1,887 71	1,129 20	338 50	1,154 05	9,686 45	35,258 31
0 595 2	CONTRACT/URD PAINTING & REPAI	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	900 00	900 00
0 596 0	MAINTENANCE STREET LITES/SIG	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	160 30	0 00	160 30
0 597 0	MAINTENANCE METERS	609 50	1,913 27	1,778 32	6,205 52	334 83	0 00	0 00	0 00	0 00	0 00	0 00	0 00	10,841 44
0 597 1	CONTRACT METER TESTING	0 00	12,526 61	856 57	2,189 39	2,276 20	4,264 88	1,894 36	0 00	7,529 43	12,508 64	0 00	16,785 75	60,831 83
0 598 0	MAINTENANCE MISC DISTRIB PLAN	0 00	52 29	0 00	340 78	1,038 32	2,022 45	0 00	421 67	0 00	1,908 00	0 00	1,666 49	7,450 00
Total 7. Distribution Expense - Maintenance:		213,609.85	225,121.72	441,067.75	274,591.75	217,287.94	259,277.04	397,594.17	307,123.58	288,332.39	321,026.69	227,738.69	256,116.24	3,428,887.81
Line:	8 Customer Accounts Expense													
0 901 0	SUPERVISION CONSUMER ACCOUNT	7,355 86	7,258 78	6,278 69	7,107 74	6,908 20	6,655 37	6,684 53	7,097 75	5,886 48	7,316 06	8,260 21	7,345 85	84,155 52
0 902 0	METER READING EXPENSE	2,399 68	1,043 70	1,404 91	1,189 73	1,019 83	949 52	296 54	1,640 12	1,297 09	799 42	1,237 97	502 59	13,781 10
0 902 1	REQUIRED METER READING EXPENS	219 27	0 00	0 00	404 95	0 00	0 00	0 00	0 00	0 00	0 00	0 00	510 05	1,134 27
0 902 11	AMR OPERATING EXPENSES	8,118 12	9,203 84	7,935 39	7,657 44	10,210 80	6,441 95	11,854 67	10,751 59	6,237 68	9,173 54	4,873 68	6,248 96	98,707 66
0 903 0	CUSTOMER RECORD/COLLECTION E	68,437 38	62,966 67	62,980 77	65,803 08	63,490 47	55,257 08	57,550 48	64,619 62	59,919 70	60,534 74	43,160 49	60,678 82	725,399 30
0 903 01	POSTAGE/CUSTOMER RELATED	10,192 29	9,844 21	10,600 40	9,585 00	13,457 64	10,067 69	10,055 59	10,219 54	10,178 99	10,485 86	10,016 51	10,100 79	124,804 51
0 903 1	COLLECTION CONNECTIONS	275 40	1,029 82	685 09	549 12	812 09	533 26	0 00	0 00	980 31	0 00	0 00	307 04	5,172 13
0 903 2	CUST/RAC/COLLECT EX-OVER/SHOR	-32 89	279 54	0 04	-75 03	108 54	147 67	6 71	-20 05	6 48	28 98	98 30	17 80	566 09
0 903 3	NISC COMPUTING CHARGES	12,268 61	12,104 84	12,458 55	11,992 44	16,684 99	12,208 33	12,185 23	11,869 57	12,086 93	12,027 81	12,055 18	12,234 14	150,176 62
0 903 4	COLLECTION AGENCY FEES	726 43	195 90	172 66	506 87	546 38	313 60	454 96	166 74	216 07	309 63	863 66	108 32	4,581 22
0 903 5	ONLINE CREDIT CHECK FEE	99 81	115 80	205 11	139 20	168 45	168 45	180 15	257 76	155 97	180 51	178 17	160 26	2,009 64
0 903 6	IVR/E-CHECK FEES	7,744 48	8,449 73	9,662 63	9,953 60	7,953 95	7,774 92	8,667 81	8,727 41	8,677 86	8,608 98	7,371 33	8,192 49	101,785 19
0 904 0	UNCOLLECTIBLE ACCOUNTS	0 00	0 00	0 00	4,000 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	5,000 00	9,000 00
Total 8. Customer Accounts Expense:		117,804.44	112,492.83	112,384.24	118,814.14	121,361.34	100,517.84	107,936.67	115,330.05	105,643.56	109,465.53	88,115.50	111,407.11	1,321,273.25
Line:	9 Customer Service and Informational Expense													
0 907 0	SUPERVISION/CUSTOMER SERVICE	3,398 36	3,162 20	3,210 61	3,142 31	3,205 40	2,752 88	3,057 67	2,981 60	2,327 46	3,181 12	4,028 87	3,390 45	37,839 13
0 908 0	CUSTOMER ASSISTANCE EXPENSE	19,098 42	18,506 05	26,673 41	21,500 81	25,364 80	18,060 04	20,738 46	25,457 20	21,552 26	26,274 20	23,843 72	21,399 29	268,468 66
0 908 1	CUST ASSISTANCE EXP/E AUDITS/CO	1,902 00	3,640 56	1,348 75	2,435 41	1,295 41	2,026 39	1,659 71	2,360 05	816 71	1,312 40	2,432 67	2,472 26	23,702 32
0 908 2	EKP DSM/LOST REVENUE CREDITS	-6,350 62	-7,553 94	-10,575 96	-4,650 00	-4,103 16	-511 28	-7,945 00	-1,911 00	-7,044 52	-3,095 00	-10,842 47	-5,843 68	-70,426 63
0 908 3	CUST SERVICE EXP/EKP TRANSFER P	-1,200 00	-730 00	-330 00	-200 00	-460 00	-130 00	-200 00	-490 00	-200 00	0 00	-820 00	-1,220 00	-5,980 00
0 909 0	INFORMATION/INSTRUCTION AD EX	401 25	606 25	826 25	236 25	741 25	261 81	766 37	1,736 43	261 42	360 00	447 50	982 50	7,627 28
0 909 1	INFORMATION EXP/SAFETY TRAILER	0 00	0 00	0 00	322 89	814 64	0 00	471 39	1,239 95	0 00	0 00	0 00	0 00	2,848 87

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0 910 0	MISC CUST SERV/INFORMATION EX	389.25	0.00	656.57	2,062.85	0.00	587.52	597.50	0.00	1,030.00	3,110.96	3,900.15	39.00	12,373.80
Total 9. Customer Service and Informational Expense:		17,638.66	17,631.12	21,809.63	24,850.72	26,858.34	23,047.36	19,146.10	31,374.23	18,743.33	31,143.68	22,990.44	21,219.82	276,453.43
Line: 10 Sales Expense														
0 912 0	DEMONSTRATING/SELLING EXPENS	657.01	665.19	750.00	419.52	451.77	426.49	535.19	517.84	389.74	2,164.70	627.24	1,063.06	8,667.75
0 912 1	DEM/SELLING EXPENSE/ETS WARRA	542.16	-40.45	-40.45	-40.45	-40.45	-40.45	-40.45	-40.45	-40.45	-40.45	-40.45	108.33	245.99
0 913 0	ADVERTISING EXPENSE	0.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00
Total 10. Sales Expense:		1,199.17	624.74	709.55	879.07	411.32	386.04	494.74	477.39	349.29	2,124.25	586.79	1,171.39	9,413.74
Line: 11 Administrative and General Expense														
0 920 0	ADMINISTRATIVE/GENERAL SALAR	36,660.75	66,940.80	31,615.65	35,717.90	33,573.16	34,209.28	30,764.00	34,033.78	31,990.14	34,376.72	41,112.93	33,225.68	444,310.79
0 921 0	OFFICE SUPPLIES/EXPENSES	12,820.20	8,856.08	11,136.12	9,953.65	9,637.71	9,833.62	7,057.75	8,758.23	10,380.73	9,912.17	7,027.20	11,135.23	116,508.69
0 921 01	POSTAGE	0.00	-1.41	-5.20	-4.23	2,002.63	1,997.91	-1.36	-0.89	-2.56	994.62	-2.82	995.09	5,971.78
0 921 3	MISC COMPUTING CHARGES	1,023.85	1,023.85	971.38	1,023.85	1,408.52	1,023.85	1,024.40	1,024.40	1,062.82	1,024.40	1,062.82	1,024.40	12,698.54
0 923 0	OUTSIDE SERVICES EMPLOYED	7,567.08	6,695.21	6,899.46	6,275.62	7,734.85	3,542.86	13,906.52	735.78	898.16	1,667.53	700.00	955.46	57,578.53
0 923 1	OUTSIDE SERVICES/ATTORNEY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	392.78	0.00	392.78
0 926 0	EMPLOYEE PENSIONS & BENEFITS	0.00	0.00	160.10	8.28	-168.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0 929 0	DUPLICATE CHARGES-CR/COOP USE	-5,303.14	-3,765.60	-4,402.55	-3,005.11	-2,764.63	-2,765.34	-3,101.21	-3,107.17	-2,725.82	-2,722.45	-3,402.03	-3,402.03	-40,467.08
0 930 1	MISC GEN EX/GENERAL AD EXPENS	619.38	120.00	390.00	55.00	440.00	306.00	220.00	275.65	246.10	315.00	950.00	961.99	4,899.12
0 930 2	MISCELLANEOUS GENERAL EXPENS	2,825.83	2,701.61	2,757.32	4,214.51	2,530.09	2,994.18	2,191.52	2,916.91	3,254.87	3,852.57	4,909.27	5,115.54	40,264.22
0 930 21	MISC GENERAL EX/ANNUAL MEETIN	0.00	0.00	0.00	0.00	0.00	18,132.16	3,591.63	0.00	-1,030.00	0.00	0.00	-31.50	20,662.29
0 930 22	MISC GENERAL EX/A M-ELECTION	0.00	0.00	1,176.03	675.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,851.03
0 930 23	MEMBER EDUCATION	1,374.17	100.00	97.85	942.37	4,250.00	5,254.35	15,917.12	658.50	238.64	951.50	1,530.90	300.88	31,616.28
0 930 24	COMPANY MEMBERSHIP DUES	12,013.54	8,546.77	7,996.77	7,996.77	8,330.09	8,196.77	8,246.77	7,996.77	7,996.77	7,996.77	8,655.69	-3,069.10	90,904.38
0 930 25	KY LIVING MAGAZINE	12,376.24	8,899.02	9,359.08	8,502.51	8,515.04	11,384.70	8,756.53	8,746.98	8,569.92	8,568.88	8,591.34	8,606.50	110,876.74
0 930 4	ROBERT RUSSELL/DIRECTOR	1,583.31	1,052.32	2,880.12	948.11	971.03	428.97	700.00	700.00	700.00	1,000.00	1,000.00	1,000.00	12,963.86
0 930 41	JAMES M WELLS/DIRECTOR	1,951.68	3,370.00	402.59	700.00	4,378.00	875.67	3,220.26	700.00	700.00	2,218.00	4,364.21	977.95	23,858.36
0 930 42	STEVE HALE/DIRECTOR	1,897.07	700.00	700.00	2,553.50	700.00	700.00	3,700.00	1,151.19	825.03	1,125.82	2,127.72	1,036.14	17,216.47
0 930 43	WALTER BALLARD JR/DIRECTOR	1,624.81	3,751.31	497.81	700.00	4,378.00	1,024.19	3,200.00	700.00	700.00	1,229.35	5,045.12	1,826.59	24,677.18
0 930 45	LINVILLE GALE MEANS/DIRECTOR	2,570.88	1,222.56	2,800.00	788.10	700.00	700.00	700.00	700.00	700.00	1,000.00	5,833.93	1,200.88	18,916.35
0 930 46	WILLIAM P SHEARER/DIRECTOR	700.00	715.74	700.00	748.00	700.00	700.00	700.00	1,201.25	2,800.00	1,000.00	2,114.29	1,159.38	13,238.66
0 930 47	ALLEN PATRICK/DIRECTOR	2,726.16	1,031.61	2,800.00	610.18	3,160.00	700.00	658.45	1,185.00	2,800.00	985.70	2,155.93	1,159.38	19,972.41
0 930 49	DEWEY HOLLON/DIRECTOR	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	1,000.00	1,000.00	1,000.00	9,300.00

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0 930 5	OH CAUDILL JR/DIRECTOR	1,599 00	700 00	700 00	700 00	2,430 03	3,199 00	1,088 00	700 00	700 00	1,000 00	2,128 00	1,159 38	16,103 41
0 932 0	MAINTENANCE GENERAL PLANT	19,861 57	19,074 57	14,589 64	15,011 80	21,977 11	15,533 62	22,314 67	21,475 43	15,963 73	15,933 06	26,169 45	17,259 22	225,163 87
0 932 1	MAINTENANCE AGREEMENTS	3,721 89	15,553 64	4,521 54	10,767 61	4,107 57	3,613 16	3,865 81	3,481 70	12,916 90	6,446 63	7,056 81	3,968 92	80,022 18
0 932 15	MAINTENANCE/SECURITY MONITOR	243 80	243 80	627 80	243 80	243 80	243 80	243 80	243 80	260 88	260 88	260 88	260 88	3,377 92
0 932 16	MAINTENANCE/OP-CLEANING SLIP	1,917 02	1,741 71	2,319 05	2,028 70	2,061 40	2,119 49	2,589 23	2,077 24	5,543 52	2,880 66	2,258 71	2,314 23	29,850 96
Total 11. Administrative and General Expense:		123,075 09	149,973 59	102,390 56	108,855 92	121,996 02	124,738 24	132,253 89	97,054 55	106,189 83	103,017 81	133,043 13	90,141 09	1,392,729 72
Line:	12. Total Operation & Maintenance Expense (2 thru 11)	4,208,760 64	4,778,507 28	3,717,935 48	3,335,191 97	2,958,534 31	2,832,615 48	3,364,932 20	3,252,648 51	3,092,254 56	3,012,188 97	2,826,918 05	3,425,341 71	40,805,829 16
Line:	13 Depreciation & Amortization Expense													
0 403 6	DEPRECIATION EX-DIST PLANT	401,295 57	400,958 24	402,569 95	403,080 38	403,811 00	404,089 61	407,714 06	409,549 95	410,162 20	411,283 17	411,307 23	411,319 36	4,877,140 72
0 403 7	DEPRECIATION EX-GENERAL PLANT	24,361 97	24,036 90	22,847 92	22,767 57	22,104 29	22,023 40	21,859 49	21,851 22	22,121 39	21,710 27	21,421 67	21,944 23	269,030 32
Total 13. Depreciation & Amortization Expense:		425,657 54	424,995 14	425,417 87	425,847 95	425,915 29	426,113 01	429,553 55	431,401 17	432,283 59	432,993 44	432,728 90	433,263 59	5,146,171 04
Line:	15 Tax Expense - Other													
0 408 5	TAXES-PSC ASSESSMENT	5,194 29	5,194 29	5,194 29	5,194 29	5,194 29	5,194 29	5,082 88	5,082 88	5,082 88	5,082 88	5,082 88	5,082 88	61,663 02
Total 15. Tax Expense - Other:		5,194 29	5,194 29	5,194 29	5,194 29	5,194 29	5,194 29	5,082 88	5,082 88	5,082 88	5,082 88	5,082 88	5,082 88	61,663 02
Line:	16 Interest on Long-Term Debt													
0 427 15	INTEREST-FFB CONSTRUCTION LOA	85,000 00	84,840 00	83,179 57	93,100 00	93,100 00	92,972 58	99,400 00	99,400 00	101,460 83	122,000 00	121,725 00	108,359 03	1,184,537 01
0 427 2	CFC LTD/INTEREST ACCRUAL	32,050 00	31,368 15	32,015 00	34,280 00	29,188 39	35,920 00	37,200 00	21,347 34	36,900 00	37,400 00	16,996 41	35,989 84	380,655 13
Total 16. Interest on Long-Term Debt:		117,050 00	116,208 15	115,194 57	127,380 00	122,288 39	128,892 58	136,600 00	120,747 34	138,360 83	159,400 00	138,721 41	144,348 87	1,565,192 14
Line:	18 Interest Expense - Other													
0 431 0	OTHER INTEREST EXPENSE	4,784 19	4,487 94	4,667 65	5,362 61	3,715 37	5,184 89	5,808 91	5,117 85	5,690 85	7,612 04	7,853 53	4,985 70	65,271 53
Total 18. Interest Expense - Other:		4,784 19	4,487 94	4,667 65	5,362 61	3,715 37	5,184 89	5,808 91	5,117 85	5,690 85	7,612 04	7,853 53	4,985 70	65,271 53
Line:	19 Other Deductions													
0 426 1	DONATIONS	1,149 63	1,306 18	2,256 01	751 08	850 00	623 14	995 56	1,426 89	0 00	2,182 23	807 56	-72 89	12,275 39
0 426 5	OTHER DEDUCTIONS	0 00	1,892 04	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	1,892 04
Total 19. Other Deductions:		1,149 63	3,198 22	2,256 01	751 08	850 00	623 14	995 56	1,426 89	0 00	2,182 23	807 56	-72 89	14,167 43
Line:	20. Total Cost of Electric Service (12 thru 19)	4,762,596 29	5,332,591 02	4,270,665 87	3,899,727 90	3,516,497 65	3,398,623 39	3,942,973 10	3,816,424 64	3,673,672 71	3,619,459 56	3,412,112 33	4,012,949 86	47,658,294 32
Line:	21. Patronage Capital & Operating Margins (1 minus 20)	778,386 68	366,134 72	-356,639 94	385,561 07	-41,264 75	228,529 43	130,331 61	236,916 87	237,262 85	-305,632 38	55,234 15	519,403 09	2,234,223 40
Line:	22 Non Operating Margins - Interest													
0 419 0	INTEREST & DIVIDENDS INCOME	3,520 00	3,120 00	3,120 00	3,120 23	3,120 00	3,120 23	3,120 00	3,120 00	3,120 23	3,120 00	12,353 00	3,120 23	47,073 92
Total 22. Non Operating Margins - Interest:		3,520 00	3,120 00	3,120 00	3,120 23	3,120 00	3,120 23	3,120 00	3,120 00	3,120 23	3,120 00	12,353 00	3,120 23	47,073 92
Line:	24 Income (Loss) from Equity Investments													

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**GENERAL LEDGER
TRAILING 12 MONTH INCOME STATEMENT**

AS OF DEC 2018

Div Account	Description	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	OCT 2018	NOV 2018	DEC 2018	Total
0 418 1	EQUITY/EARNINGS OF SUBSIDIARY	0.00	0.00	0.00	51,520.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	241,727.35	293,248.34
0 418 15	SUBSIDIARIES/PROPANE EXPENSES	0.00	0.00	-300.00	-8,930.07	0.00	-7,500.00	-506.65	-676.90	-7,500.00	-453.43	0.00	-8,112.62	-33,979.67
	Total 24. Income (Loss) from Equity Investments:	0.00	0.00	-300.00	42,590.92	0.00	-7,500.00	-506.65	-676.90	-7,500.00	-453.43	0.00	233,614.73	259,268.67
Line: 25	Non Operating Margins - Other													
0 421 1	GAIN/LOSS ON DISPOSITION OF PRO	6,250.00	0.00	1,000.00	0.00	0.00	0.00	0.00	4,050.00	-1,546.16	0.00	0.00	-229.74	9,524.10
	Total 25. Non Operating Margins - Other:	6,250.00	0.00	1,000.00	0.00	0.00	0.00	0.00	4,050.00	-1,546.16	0.00	0.00	-229.74	9,524.10
Line: 26	Generation and Transmission Capital Credits													
0 423 0	GEN/TRANS COOP CAPITAL CREDITS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,666,259.35	1,666,259.35
	Total 26. Generation and Transmission Capital Credits:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,666,259.35	1,666,259.35
Line: 27	Other Capital Credits and Patronage Dividends													
0 424 0	CAPITAL CREDITS/OTHER ORANIZA	0.00	0.00	37,074.00	0.00	367.01	0.00	0.00	17,075.53	3,549.00	0.00	0.00	17,924.94	75,990.48
	Total 27. Other Capital Credits and Patronage Dividends:	0.00	0.00	37,074.00	0.00	367.01	0.00	0.00	17,075.53	3,549.00	0.00	0.00	17,924.94	75,990.48
Line: 29	Patronage Capital or Margins (21 thru 28)	788,156.68	369,254.72	-315,745.94	431,272.22	-37,777.74	224,149.66	132,944.96	260,485.50	234,885.92	-302,965.81	67,587.15	2,440,092.60	4,392,339.92
Line: Operating - Margin		778,386.68	366,134.72	-319,565.94	385,561.07	-40,897.74	228,529.43	130,331.61	253,992.40	240,811.85	-305,632.38	55,234.15	2,203,587.38	3,976,473.23
Line: Non Operating - Margin		9,770.00	3,120.00	3,820.00	45,711.15	3,120.00	-4,379.77	2,613.35	6,493.10	-5,925.93	2,666.57	12,353.00	236,505.22	315,866.69

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 35

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

A schedule showing employee health, dental, vision, and life insurance premium contributions by coverage type, including the cost split of each identified premium between the employee and the Distribution Cooperative

Response:

Please see attached.

Witness: Holly S. Eades

Clark Energy - Health Insurance 2019

Employee	Coverage type	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Annual	EE annual	
9154	Single	443.79	443.79	443.79	443.79	443.79	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	10,497.22	3,376.34	(Changed to family in June)
5464	EE/Family	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	14,191.32	5,365.44	
79	EE/Family	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	14,191.32	5,365.44	
2669	EE/Child	-	-	-	-	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	6,554.72	2,012.16	New hire
6804	EE/Child	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	9,832.08	3,018.24	
3462	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
745	EE/Spouse	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	10,718.88	3,495.72	
3532	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
494	EE/Family	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	893.24	893.24	13,612.58	5,053.82	(Changed to EE/Spouse Nov 19)
3074	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
5089	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
9508	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
953	EE/Family	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	14,191.32	5,365.44	
3514	Single	443.79	443.79	443.79	-	-	-	-	-	-	-	-	-	1,331.37	147.90	(Terminated March 2019)
8148	EE/Spouse	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	10,718.88	3,495.72	
1242	EE/Child	-	-	-	-	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	6,554.72	2,012.16	New hire
7606	EE/Child	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	9,832.08	3,018.24	
3573	EE/Spouse	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	10,718.88	3,495.72	
3504	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
9535	EE/Child	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	9,832.08	3,018.24	
6267	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	1,182.61	6,064.30	989.42	(Changed to Family Dec 19)
5208	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
6989	Single	443.79	443.79	443.79	-	-	-	-	-	-	-	-	-	1,331.37	147.90	(Terminated March 2019)
3306	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
4903	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
2509	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
5647	EE/Child	-	-	-	-	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	6,554.72	2,012.16	New hire
6299	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
8677	EE/Spouse	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	10,718.88	3,495.72	
1990	EE/Spouse	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	10,718.88	3,495.72	
3409	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
4027	EE/Spouse	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	10,718.88	3,495.72	
755	EE/Child	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	9,832.08	3,018.24	
9080	EE/Family	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	14,191.32	5,365.44	
3782	EE/Child	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	9,832.08	3,018.24	
4205	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
5241	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
2506	EE/Family	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	14,191.32	5,365.44	
2571	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
7382	Single	443.79	-	-	-	-	-	-	-	-	-	-	-	443.79	49.30	(Retired Jan 31, 2019)
5706	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	893.24	893.24	893.24	893.24	7,123.28	1,559.64	(Changed to EE/Spouse Sep 2019)
9560	Single	443.79	443.79	-	-	-	-	-	-	-	-	-	-	887.58	98.60	(Terminated Feb 2019)
1836	EE/Child	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	9,832.08	3,018.24	
9873	EE/Family	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	14,191.32	5,365.44	
6551	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
7028	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
2602	EE/Child	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	9,832.08	3,018.24	
3185	EE/Child	819.34	819.34	819.34	819.34	819.34	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	12,374.97	4,387.44	(Changed to EE/Family June 2019)
4523	EE/Spouse	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	10,718.88	3,495.72	
5700	EE/Family	1,182.61	1,182.61	1,182.61	-	-	-	-	-	-	-	-	-	3,547.83	1,341.36	(Terminated March 2019)
832	Single	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	443.79	5,325.48	591.60	
8061	EE/Family	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	1,182.61	14,191.32	5,365.44	
7599	EE/Child	-	-	-	-	819.34	819.34	819.34	819.34	819.34	819.34	819.34	819.34	6,554.72	2,012.16	New hire
6919	EE/Spouse	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	893.24	10,718.88	3,495.72	
														433,206.65	122,500.68	555,707.33
														77.96%	22.04%	

Clark Energy - 2020 Dental coverage

Employee	Coverage type	Coverage												Annual	EE annual	Co-op	Employee			
		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19							
9154	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	613 12	96 16			
5464	CE/Family	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	1,039 92	325 92	Single	36 20	0 00
79	CC/Family	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	1,039 92	325 92	EE/Child	60 20	12 94
2669	EE/Child															471 40	90 58	EF/Spouse	58 54	12 02
8804	EE/Child	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	722 40	155 28	EE/Family	86 66	27 16
3462	EE/Family	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	1,039 92	325 92			
745	EE/Spouse	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	702 48	144 24			
3532	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
494	EE/Family	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	983 68	295 64			
3074	EE/Spouse	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	702 48	144 24			
5089	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
9508	EE/Spouse	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	702 48	144 24			
953	EE/Family	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	1,039 92	325 92			
8148	EE/Spouse	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	702 48	144 24			
3514	Single	36 20	36 20	36 20												108 60	0 00			
1242	EE/Child						60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	421 40	90 58			
7606	EE/Child	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	722 40	155 28			
3573	EE/Spouse	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	702 48	144 24			
3004	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
9535	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
6267	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	484 88	27 16			
5208	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
6889	EE/Spouse	58 54	58 54	58 54												175 62	36 06			
3906	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
6028	DECLINED																			
4903	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
2509	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
5647	CE/Child						60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	471 40	90 58			
6299	EE/Spouse	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	702 48	144 24			
8677	EE/Family	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	1,039 92	325 92			
1990	CE/Spouse	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	702 48	144 24			
3409	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
4027	EE/Spouse	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	702 48	144 24			
755	CE/Family	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	1,039 92	325 92			
9080	CE/Family	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	1,039 92	325 92			
3782	CE/Child	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	722 40	155 28			
4205	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
5241	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
2506	EE/Family	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	1,039 92	325 92			
2571	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
7282	Single	36 20														36 20	0 00			
5706	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	58 54	58 54	58 54	58 54	58 54	58 54	523 76	48 08			
9560	Single	36 20	36 20													72 40	0 00			
1836	EE/Child	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	722 40	155 28			
9873	CE/Family	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	1,039 92	325 92			
6551	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
7028	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
7602	EE/Child	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	722 40	155 28			
3185	EE/Child	60 20	60 20	60 20	60 20	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	924 08	269 04			
4523	EE/Spouse	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	58 54	702 48	144 24			
5700	EE/Family	86 66	86 66	86 66												259 98	81 48			
832	EE/Spouse	58 54	58 54	58 54	58 54	58 54	58 54	58 54								409 78	84 14			
8061	EE/Family	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	1,039 92	325 92			
7599	EE/Child						60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	60 20	421 40	90 58			
6519	Single	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	36 20	434 40	0 00			
		1,805.26	2,789.06	2,704.74	2,523.34	2,572.14	2,812.94	2,812.94	2,754.40	2,776.24	2,776.24	2,748.62	2,799.08	32,856.00	6,482.44	39,338.44				
																83.52%	16.18%			

Clark Energy - 2019 Vision Cooperative

Employee	Coverage type	Jan-19
9154	Single	5.81
5464	EE/Family	5.81
79	EE/Family	5.81
2669	EE/Child	-
6804	EE/Spouse	5.81
3462	EE/Family	5.81
745	EE/Spouse	5.81
3532	Single	5.81
494	EE/Spouse	5.81
3074	Declined	-
5089	Single	5.81
9508	EE/Spouse	5.81
953	EE/Family	5.81
3514	Single	5.81
8148	Single	5.81
1242	EE/Child	-
7606	Single	5.81
3573	EE/Spouse	5.81
3504	Single	5.81
9535	Single	5.81
6267	Single	5.81
5208	Single	5.81
6989	EE/Spouse	5.81
3306	Single	5.81
6028	Declined	-
4903	Single	5.81
2509	Single	5.81
5647	EE/Child	-
6299	EE/Spouse	5.81
8677	EE/Family	5.81
1990	EE/Spouse	5.81
3409	Single	5.81
4027	EE/Spouse	5.81
755	Single	5.81
9080	EE/Family	5.81
3782	EE/Child	5.81
4205	Single	5.81
5241	Single	5.81
2506	Single	5.81
2571	Single	5.81
7382	Single	5.81
5706	Single	5.81
9560	Single	5.81
1836	EE/Child	5.81
9873	EE/Family	5.81
6551	Single	5.81
7028	Single	5.81
2602	EE/Child	5.81
3185	Single	5.81
4523	EE/Spouse	5.81
5700	EE/Family	5.81
832	Single	5.81
8061	EE/Family	5.81
7599	EE/Family	-
6919	EE/Spouse	5.81
		<u>284.69</u>

Life Insurance - 3X salary - 100% paid by cooperative

Employee	Annual	Hourly	Premium	Coverage -3x Salary	Lesser of \$50k or Salary	3 x Salary to exclude	Units to exclude
9154	51,771	24.89	32.14	156,000	50,000	106,000	106
5464	56,514	27.17	35.23	171,000	50,000	121,000	121
79	83,616	40.20	51.91	252,000	50,000	202,000	202
2669	47,840	23.00	29.66	144,000	50,000	94,000	94
6804	43,888	21.10	27.19	132,000	50,000	82,000	82
3462	110,157	52.96	68.60	333,000	50,000	283,000	283
745	53,040	25.50	33.37	162,000	50,000	112,000	112
3532	69,368	33.35	43.26	210,000	50,000	160,000	160
494	156,749	75.36	97.03	471,000	50,000	421,000	421
3074	53,019	25.49	33.37	162,000	50,000	112,000	112
5089	53,061	25.51	33.37	162,000	50,000	112,000	112
9508	81,682	39.27	50.68	246,000	50,000	196,000	196
953	72,301	34.76	45.11	219,000	50,000	169,000	169
3514	55,162	26.52	35.84	174,000	50,000	124,000	124
8148	72,738	34.97	45.11	219,000	50,000	169,000	169
1242	52,000	25.00	32.14	156,000	50,000	106,000	106
7606	65,749	31.61	40.79	196,000	50,000	146,000	146
3573	143,062	68.78	88.99	432,000	50,000	382,000	382
3504	79,518	38.23	49.44	240,000	50,000	190,000	190
9535	37,565	18.06	23.48	114,000	50,000	64,000	64
6267	43,493	20.91	27.19	132,000	50,000	82,000	82
5208	65,582	31.53	40.79	198,000	50,000	148,000	148
6989	63,336	30.45	39.55	192,000	50,000	142,000	142
3306	68,016	32.70	42.64	207,000	50,000	157,000	157
6028	74,942	36.03	46.35	225,000	50,000	175,000	175
4903	45,365	21.81	28.43	138,000	50,000	88,000	88
2509	61,360	29.50	38.32	186,000	50,000	136,000	136
5647	59,280	28.50	37.08	180,000	50,000	130,000	130
6299	80,184	38.55	50.06	243,000	50,000	193,000	193
8677	45,198	21.73	28.43	138,000	50,000	88,000	88
1990	66,581	32.01	41.41	201,000	50,000	151,000	151
3409	60,570	29.12	37.70	183,000	50,000	133,000	133
4027	72,675	34.94	45.11	219,000	50,000	169,000	169
755	74,568	35.85	46.35	225,000	50,000	175,000	175
9080	73,965	35.56	45.73	222,000	50,000	172,000	172
3782	74,464	35.80	46.35	225,000	50,000	175,000	175
4205	52,000	25.00	32.14	156,000	50,000	106,000	106
5241	60,320	29.00	37.70	183,000	50,000	133,000	133
2506	110,448	53.10	68.60	333,000	50,000	283,000	283
2571	67,538	32.47	42.02	204,000	50,000	154,000	154
7382	73,154	35.17	45.73	222,000	50,000	172,000	172
5706	52,187	25.09	32.75	159,000	50,000	109,000	109
9560	47,840	23.00	29.66	144,000	50,000	94,000	94
1836	65,250	31.37	40.79	198,000	50,000	148,000	148
9873	70,866	34.07	43.88	213,000	50,000	163,000	163
6551	57,845	27.81	35.84	174,000	50,000	124,000	124
7028	63,440	30.50	39.55	192,000	50,000	142,000	142
2602	89,981	43.26	55.62	270,000	50,000	220,000	220
3185	89,773	43.16	55.62	270,000	50,000	220,000	220
4523	71,365	34.31	44.50	216,000	50,000	166,000	166
5700	67,267	32.34	42.02	204,000	50,000	154,000	154
832	76,523	36.79	47.59	231,000	50,000	181,000	181
8061	44,990	21.63	27.81	135,000	50,000	85,000	85
7599	48,318	23.00	30.28	147,000	50,000	97,000	97
6919	100,568	48.35	62.42	303,000	50,000	253,000	253
	<u>3,778,052</u>		<u>\$2,352.72</u>	<u>11,419,000</u>			

Long-term disability - 100% paid by cooperative

Employee	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
9154	79.78	79.78	79.78	79.78	79.78	79.78	79.78	79.78	79.78	79.78	79.78	79.78	957.36
5464	87.09	87.09	87.09	87.09	87.09	87.09	87.09	87.09	87.09	87.09	87.09	87.09	1,045.08
79	128.85	128.85	128.85	128.85	128.85	128.85	128.85	128.85	128.85	128.85	128.85	128.85	1,546.20
2669	-	-	-	-	-	73.72	73.72	73.72	73.72	73.72	73.72	73.72	516.04
6804	67.63	67.63	67.63	67.63	67.63	67.63	67.63	67.63	67.63	67.63	67.63	67.63	811.56
3462	169.75	169.75	169.75	169.75	169.75	169.75	169.75	169.75	169.75	169.75	169.75	169.75	2,037.00
745	81.73	81.73	81.73	81.73	81.73	81.73	81.73	81.73	81.73	81.73	81.73	81.73	980.76
3532	106.90	106.90	106.90	106.90	106.90	106.90	106.90	106.90	106.90	106.90	106.90	106.90	1,282.80
494	241.55	241.55	241.55	241.55	241.55	241.55	241.55	241.55	241.55	241.55	241.55	241.55	2,898.60
3074	81.70	81.70	81.70	81.70	81.70	81.70	81.70	81.70	81.70	81.70	81.70	81.70	980.40
5089	81.77	81.77	81.77	81.77	81.77	81.77	81.77	81.77	81.77	81.77	81.77	81.77	981.24
9508	125.87	125.87	125.87	125.87	125.87	125.87	125.87	125.87	125.87	125.87	125.87	125.87	1,510.44
953	111.42	111.42	111.42	111.42	111.42	111.42	111.42	111.42	111.42	111.42	111.42	111.42	1,337.04
3514	88.82	88.82	88.82	-	-	-	-	-	-	-	-	-	266.46
8148	112.09	112.09	112.09	112.09	112.09	112.09	112.09	112.09	112.09	112.09	112.09	112.09	1,345.08
1242	-	-	-	-	-	80.13	80.13	80.13	80.13	80.13	80.13	80.13	560.91
7606	101.32	101.32	101.32	101.32	101.32	101.32	101.32	101.32	101.32	101.32	101.32	101.32	1,215.84
3573	220.46	220.46	220.46	220.46	220.46	220.46	220.46	220.46	220.46	220.46	220.46	220.46	2,645.52
3504	122.54	122.54	122.54	122.54	122.54	122.54	122.54	122.54	122.54	122.54	122.54	122.54	1,470.48
9535	-	-	(Will be billed in 2019 for all of 2018/error @ NRECA)							-	-	-	0.00
6267	67.02	67.02	67.02	67.02	67.02	67.02	67.02	67.02	67.02	67.02	67.02	67.02	804.24
5208	101.06	101.06	101.06	101.06	101.06	101.06	101.06	101.06	101.06	101.06	101.06	101.06	1,212.72
6989	97.60	97.60	97.60	-	-	-	-	-	-	-	-	-	292.80
3306	104.81	104.81	104.81	104.81	104.81	104.81	104.81	104.81	104.81	104.81	104.81	104.81	1,257.72
6028	115.49	115.49	115.49	115.49	115.49	115.49	115.49	115.49	115.49	115.49	115.49	115.49	1,385.88
4903	69.91	69.91	69.91	69.91	69.91	69.91	69.91	69.91	69.91	69.91	69.91	69.91	838.92
2509	94.56	94.56	94.56	94.56	94.56	94.56	94.56	94.56	94.56	94.56	94.56	94.56	1,134.72
5647	-	-	-	-	-	73.72	73.72	73.72	73.72	73.72	73.72	73.72	516.04
6299	123.56	123.56	123.56	123.56	123.56	123.56	123.56	123.56	123.56	123.56	123.56	123.56	1,482.72
8677	69.65	69.65	69.65	69.65	69.65	69.65	69.65	69.65	69.65	69.65	69.65	69.65	835.80
1990	102.60	102.60	102.60	102.60	102.60	102.60	102.60	102.60	102.60	102.60	102.60	102.60	1,231.20
3409	93.34	93.34	93.34	93.34	93.34	93.34	93.34	93.34	93.34	93.34	93.34	93.34	1,120.08
4027	111.99	111.99	111.99	111.99	111.99	111.99	111.99	111.99	111.99	111.99	111.99	111.99	1,343.88
755	114.91	114.91	114.91	114.91	114.91	114.91	114.91	114.91	114.91	114.91	114.91	114.91	1,378.92
9080	113.98	113.98	113.98	113.98	113.98	113.98	113.98	113.98	113.98	113.98	113.98	113.98	1,367.76
3782	114.75	114.75	114.75	114.75	114.75	114.75	114.75	114.75	114.75	114.75	114.75	114.75	1,377.00
4205	80.13	80.13	80.13	80.13	80.13	80.13	80.13	80.13	80.13	80.13	80.13	80.13	961.56
5241	92.95	92.95	92.95	92.95	92.95	92.95	92.95	92.95	92.95	92.95	92.95	92.95	1,115.40
2506	170.20	170.20	170.20	170.20	170.20	170.20	170.20	170.20	170.20	170.20	170.20	170.20	2,042.40
2571	104.08	104.08	104.08	104.08	104.08	104.08	104.08	104.08	104.08	104.08	104.08	104.08	1,248.96
7382	112.73	-	-	-	-	-	-	-	-	-	-	-	112.73
5706	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	80.42	965.04
9560	73.72	73.72	-	-	-	-	-	-	-	-	-	-	147.44
1836	100.55	100.55	100.55	100.55	100.55	100.55	100.55	100.55	100.55	100.55	100.55	100.55	1,206.60
9873	109.20	109.20	109.20	109.20	109.20	109.20	109.20	109.20	109.20	109.20	109.20	109.20	1,310.40
6551	89.14	89.14	89.14	89.14	89.14	89.14	89.14	89.14	89.14	89.14	89.14	89.14	1,069.68
7028	97.76	97.76	97.76	97.76	97.76	97.76	97.76	97.76	97.76	97.76	97.76	97.76	1,173.12
2602	138.66	138.66	138.66	138.66	138.66	138.66	138.66	138.66	138.66	138.66	138.66	138.66	1,663.92
3185	138.34	138.34	138.34	138.34	138.34	138.34	138.34	138.34	138.34	138.34	138.34	138.34	1,660.08
4523	109.97	109.97	109.97	109.97	109.97	109.97	109.97	109.97	109.97	109.97	109.97	109.97	1,319.64
5700	103.66	103.66	103.66	-	-	-	-	-	-	-	-	-	310.98
832	117.92	117.92	117.92	117.92	117.92	117.92	117.92	117.92	117.92	-	-	-	1,061.28
3593	-	-	-	-	-	-	-	-	-	-	20.19	20.19	40.38
8061	69.33	69.33	69.33	69.33	69.33	69.33	69.33	69.33	69.33	69.33	69.33	69.33	831.96
7599	-	-	-	-	-	73.72	73.72	73.72	73.72	73.72	73.72	73.72	516.04
6919	154.98	154.98	154.98	154.98	154.98	154.98	154.98	154.98	154.98	154.98	154.98	154.98	1,859.76
													62,586.58

Retired/terminated
New hires

Employee Spouse life insurance \$10,000

Paid 100% by cooperative

EE #	Monthly	Annual
9154	0.50	6.00
5464	0.90	10.80
79	1.50	18.00
2669	0.60	7.20
6804	0.60	7.20
3462	2.30	27.60
745	4.30	51.60
3532	0.00	0.00
494	2.30	27.60
3074	6.60	79.20
6508	1.50	18.00
953	1.00	12.00
8148	4.30	51.60
1242	0.60	7.20
7606	0.80	9.60
3573	4.30	51.60
9535	0.00	0.00
6267	1.00	12.00
3306	0.50	6.00
6028	0.90	10.80
5647	0.00	0.00
6299	2.30	27.60
8677	4.30	51.60
1990	2.30	27.60
4027	2.30	27.60
755	2.30	27.60
9080	4.30	51.60
3782	1.50	18.00
5241	1.50	18.00
2506	2.30	27.60
5706	6.60	79.20
1836	0.90	10.80
9873	0.90	10.80
7028	0.00	0.00
2602	1.50	18.00
3185	1.50	18.00
832	2.30	27.60
8061	1.00	12.00
7599	0.90	10.80
6919	2.30	27.60
	<u>75.50</u>	<u>906.00</u>

Clark Energy Cooperative, Inc.
Case No. 2020-00104
Streamlined Rate Adjustment Procedure Pilot Program
Filing Requirements / Exhibit List

Exhibit 36

Case No. 2018-00407
Orders entered December 11, 2018, March 26, 2019 and December 20, 2019
Sponsoring Witness: Holly S. Eades

Description of Filing Requirement:

A schedule showing anticipated and incurred rate case expenses, with supporting documentation. This information should be updated during the proceeding.

Response:

Please see attached.

Estimated rate case expenses

LEGAL SERVICES	\$ 30,000.00
CONSULTING/COS STUDY	\$ 20,000.00
EXPENSES/COSTS	\$ 500.00
CUSTOMER NOTICE	\$ 1,750.00
	<u>\$ 52,250.00</u>

Incurred rate case expenses

Date	Reference	Amount	Name
1/31/2020	CONSULTING/COS & RATE REVIEW	\$ 1,362.95	CATALYST CONSULTING LLC
1/31/2020	LEGAL SERVICES/RATE CASE	\$ 1,789.98	GOSS SAMFORD PLLC
2/28/2020	CONSULTING/RATE CASE/COS STUDY	\$ 3,908.30	CATALYST CONSULTING LLC
2/28/2020	LEGAL SERVICES/RATE CASE	\$ 1,716.30	GOSS SAMFORD PLLC
3/31/2020	CONSULTING/COS STUDY/RATE CASE	\$ 5,167.50	CATALYST CONSULTING LLC
3/31/2020	LEGAL SERVICES/RATE CASE 2020-00104	\$ 7,341.14	GOSS SAMFORD PLLC
		<u>\$ 21,286.17</u>	

Summary incurred rate case expenses

LEGAL SERVICES/RATE CASE	\$ 10,847.42
CONSULTING/COS STUDY/RATE CASE	\$ 10,438.75
	<u>\$ 21,286.17</u>

Goss Samford, PLLC
Suite B-325
2365 Harrodsburg Road
Lexington, KY 40504
Telephone: 859-368-7740

February 07, 2020

Invoice No. 4718

Clark Energy Cooperative, Inc.
Attn: Chris Brewer, President and CEO
2640 Ironworks Road
Winchester, KY 40392-0748

Client Number: 8022 Clark Energy Cooperative, Inc.
Matter 0661 Clark Energy General Business
For Services Rendered Through 1/31/2020.

Fees				
<u>Date</u>	<u>Timekeeper</u>	<u>Description</u>	<u>Hours</u>	<u>Amount</u>
1/10/2020	LAH	Telephone conference with K. Chandler re possible request for a Staff Advisory Opinion.	0.20	\$49.00
1/13/2020	DSS	Telephone conference with K. Chandler re forthcoming request for a Staff Advisory Opinion.	0.20	\$57.00
1/15/2020	DSS	Prepare for meeting with C. Brewer, et al. to discuss streamlined rate case filing.	1.20	\$342.00
1/16/2020	DSS	Travel to and participate in meeting with C. Brewer, et al. to discuss potential rate case strategy; prepare request for staff advisory opinion; send same to C. Brewer.	4.60	\$1,311.00
1/17/2020	DSS	Send Request for Staff Advisory Opinion to G. Pinson, et al.	0.10	\$28.50
1/17/2020	LAH	Review the Request for Staff Advisory Opinion.	0.40	\$98.00
1/25/2020	DSS	Review the Staff Advisory Opinion issued by the Commission; forward same to C. Brewer and J. Wolfram.	0.20	\$57.00
1/25/2020	LAH	Review the Staff Advisory Opinion issued by the Commission.	0.20	\$49.00
Billable Hours / Fees:			7.10	\$1,991.50

Continued On Next Page

Client Number: 8022
Matter Number: 0661

2/7/2020
Page: 2

Timekeeper Summary

Timekeeper LAH worked 0.80 hours at \$245.00 per hour, totaling \$196.00.

Timekeeper DSS worked 6.30 hours at \$285.00 per hour, totaling \$1,795.50.

Cost Detail

<u>Date</u>	<u>Description</u>	<u>Amount</u>
1/15/2020	Photocopies of documents for meeting to discuss streamlined rate case procedure.	\$13.20
1/27/2020	Photocopies of PSC Staff Advisory Opinion.	\$0.48
1/30/2020	Vendor: David S. Samford; Invoice #: DSS - 1/20 Expenses; Date: 1/30/2020 - Mileage - Roundtrip to Winchester for meeting on 1/16. Payee: David S. Samford	\$34.80
Total Costs		\$48.48

Current Invoice Summary

Prior Balance:	\$0.00
Payments Received:	\$0.00
Unpaid Prior Balance:	\$0.00
Current Fees:	\$1,991.50
Write Off of Fees:	(\$250.00)
Advanced Costs:	\$48.48
TOTAL AMOUNT DUE:	\$1,789.98

Invoice # 4718

1/31/2020
2/18/2020

APPROVED BY: [Signature]
APPROVAL DATE: 2/17/2020
CHECK NUMBER: _____
DATE PAID: _____
ACCOUNT NUMBER: 928.00 - 1,789.98

LEGAL Services/ RATE CASE

[Signature] V-289

Goss Samford, PLLC
Suite B-325
2365 Harrodsburg Road
Lexington, KY 40504
Telephone: 859-368-7740

March 06, 2020

Invoice No. 4803

Clark Energy Cooperative, Inc.
Chris Brewer, President and CEO
2640 Ironworks Road
Winchester, KY 40392-0748

Client Number: 8022 Clark Energy Cooperative, Inc.
Matter 0661 Clark Energy General Business
For Services Rendered Through 2/29/2020.

Fees				
<u>Date</u>	<u>Timekeeper</u>	<u>Description</u>	<u>Hours</u>	<u>Amount</u>
2/13/2020	DSS	Travel to and participate in rate case meeting with C. Brewer, et al. in Winchester.	4.60	\$1,311.00
2/17/2020	DSS	Email exchange with H. Eads re information for the rate filing; review documents and email from J. Wolfram.	0.30	\$85.50
2/18/2020	DSS	Email exchange with H. Eads and J. Wolfram re the exhibits to the application; verify filing requirements.	0.30	\$85.50
2/25/2020	DSS	Telephone conference with C. Brewer re status of the rate case.	0.10	\$28.50
2/29/2020	DSS	Review Director expenses for the test year and determine which should be recoverable in rates.	0.60	\$171.00
Billable Hours / Fees:			5.90	\$1,681.50

Timekeeper Summary

Timekeeper DSS worked 5.90 hours at \$285.00 per hour, totaling \$1,681.50.

Cost Detail

<u>Date</u>	<u>Description</u>	<u>Amount</u>
2/28/2020	Vendor: David S. Samford; Invoice #: DSS - 2/20 Expenses; Date: 2/28/2020 - Mileage- Roundtrip to Frankfort for meeting (2/13).	\$34.80

Continued On Next Page

Client Number: 8022
Matter Number: 0661

3/6/2020
Page: 2

Payee: David S. Samford

Total Costs \$34.80

Payment Detail

<u>Date</u>	<u>Description</u>	<u>Amount</u>
2/21/2020	Check Number 56174 against Inv# 4718	(\$1,741.50)
2/21/2020	Check Number 56174 against Inv# 4718	(\$48.48)
Total Payments Received:		<u>(\$1,789.98)</u>

Current Invoice Summary

Prior Balance:	\$1,789.98	
Payments Received:	(\$1,789.98)	Last Payment: 2/21/2020
Unpaid Prior Balance:	<u>\$0.00</u>	
Current Fees:	\$1,681.50	
Advanced Costs:	\$34.80	
TOTAL AMOUNT DUE:	<u><u>\$1,716.30</u></u>	

02/28/2020
03/17/2020

APPROVED BY *OK*
APPROVAL DATE 3/13/2020
CHECK NUMBER _____
DATE PAID _____
ACCOUNT NUMBER 928.00 - 1716.30

LEGAL SERVICES/RATE CASE

OK 1-289

Goss Samford, PLLC
Suite B-325
2365 Harrodsburg Road
Lexington, KY 40504
Telephone: 859-368-7740

April 06, 2020

Invoice No. 4844

Clark Energy Cooperative, Inc.
Chris Brewer, President and CEO
2640 Ironworks Road
Winchester, KY 40392-0748

Client Number: 0661 Clark Energy Cooperative, Inc.
Matter 0661 Clark Energy General Business
For Services Rendered Through 3/31/2020.

Fees

<u>Date</u>	<u>Timekeeper</u>	<u>Description</u>	<u>Hours</u>	<u>Amount</u>
3/6/2020	DSS	Review email and attached spreadsheet from H. Eades; make comments on same and return to client.	0.80	\$228.00
3/9/2020	DSS	Review and respond to emails from C. Brewer and H. Eades re filing schedules.	0.20	\$57.00
3/13/2020	DSS	Telephone conference with C. Brewer re case status; telephone conference with A. Honaker re filing.	0.20	\$57.00
3/13/2020	LAH	Conference with D. Samford re items needed for rate application filing; begin reviewing prior PSC Orders re streamlined rate case for items needed.	0.80	\$196.00
3/16/2020	LAH	Begin drafting customer notices (abbreviated and full versions) for rate case filing.	1.00	\$245.00
3/19/2020	DSS	Review and analyze financial and rate analysis from J. Wolfram; telephone conference with C. Brewer, et al. re case status and strategy.	2.20	\$627.00
3/19/2020	LAH	Review and analyze J. Wolfram's financial and rate analysis forwarded by D. Samford; telephone conference with C. Brewer, et al. re case status and strategy; separate telephone conference with D. Samford re items still needed for customer notice draft.	2.40	\$588.00
3/23/2020	DSS	Email exchange with A. Honaker re the customer notice; review prior annual reports; begin drafting the Application; email exchange with H. Eades re status and information needed.	3.30	\$940.50

Continued On Next Page

Client Number: 0661
Matter Number: 0661

4/6/2020
Page: 2

3/23/2020	LAH	Email exchange with D. Samford re the customer notice; Review additional and revised information provided by J. Wolfram for customer notice; edit abbreviated and full customer notices; email exchange re social media information needed; exchange emails with D. Samford re notice of intent to file and election to use electronic filing procedures; draft notice of intent to file; draft election to use electronic filing procedures; email same to D. Samford to review.	2.00	\$490.00
3/24/2020	DSS	Email exchange with A. Honaker re the customer notice and notice of intent; draft and edit testimony.	3.10	\$883.50
3/24/2020	LAH	Email exchange with D. Samford re the customer notice and notice of intent.	0.20	\$49.00
3/25/2020	DSS	Telephone conference with H. Eades re case status; email exchanges with A. Honaker and H. Eades re same. continue drafting the Application and testimony; review several relevant Orders from the PSC; review and comment on the draft customer notice.	5.10	\$1,453.50
3/25/2020	LAH	Exchange emails with D. Samford re customer notice; complete draft of customer notice and email same to D. Samford for review; draft election to use electronic filing procedures form and notice of intent to file letter; forward same to D. Samford for review and signature.	1.20	\$294.00
3/25/2020	DSS	Telephone conferences with C. Brewer and H. Eades re the draft rate case filing; email exchanges with H. Eades re same.	0.40	\$114.00
3/26/2020	DSS	Email exchange with H. Eades re the customer notice; telephone conference with A. Honaker re the notice of intent; finalize and file same at the PSC; exchange messages with C. Brewer re the filing.	0.50	\$142.50
3/26/2020	LAH	Review emails re customer notice from H. Eades forwarded by D. Samford; edit customer notice re PrePay issue; telephone conference with D. Samford re final customer notice and filing notice of intent; review notice of intent to file letter and election to use electronic procedures form; review information as filed.	0.60	\$147.00
3/30/2020	DSS	Telephone conference with K. Chandler re the Notice of Intent.	0.10	\$28.50
3/31/2020	DSS	Begin gathering exhibits and attachments for the application.	1.20	\$342.00
3/31/2020	LAH	Review draft Application and Testimony.	1.80	\$441.00

Continued On Next Page

Client Number: 0661
 Matter Number: 0661

4/6/2020
 Page: 3

Billable Hours / Fees: 27.10 \$7,323.50

Timekeeper Summary

Timekeeper DSS worked 17.10 hours at \$285.00 per hour, totaling \$4,873.50.
 Timekeeper LAH worked 10.00 hours at \$245.00 per hour, totaling \$2,450.00.

Cost Detail

<u>Date</u>	<u>Description</u>	<u>Amount</u>
3/25/2020	Photocopies	\$7.92
3/25/2020	Color Photocopies of documents used to prepare the application and draft testimony.	\$2.40
3/26/2020	Photocopies of Notices and PSC Acknowledgement Letter.	\$0.36
3/27/2020	Photocopies of draft application and testimony.	\$6.96
Total Costs		\$17.64

Payment Detail

<u>Date</u>	<u>Description</u>	<u>Amount</u>
3/18/2020	Check Number 56390 against Inv# 4803	(\$1,681.50)
3/18/2020	Check Number 56390 against Inv# 4803	(\$34.80)
Total Payments Received:		(\$1,716.30)

Current Invoice Summary

Prior Balance:	\$1,716.30	
Payments Received:	(\$1,716.30)	Last Payment: 3/18/2020
Unpaid Prior Balance:	\$0.00	
Current Fees:	\$7,323.50	
Advanced Costs:	\$17.64	
TOTAL AMOUNT DUE:	\$7,341.14	

03/31/2020
 04/21/2020

AK
 11-289

APPROVED BY *[Signature]*
 APPROVAL DATE 4/16/2020
 CHECK NUMBER _____
 DATE PAID _____
 ACCOUNT NUMBER 928.00 - 7,341.14

LEGAL SERVICES / Role Case 2020-00104



INVOICE

Date: February 1, 2020	Invoice #: 202015
Client: Clark Energy Cooperative 2640 Ironworks Road Winchester, KY 40391 Attn: Chris Brewer	Project: 2019 Cost of Service & Rate Review Case No. _____ For Services Provided in January 2020

	Item	Description	Qty	Rate	Amt
1	Consulting Services	John Wolfram – consulting support for 2019 Cost of Service & Rate Review. Attend 1/16 kickoff meeting. Prepare initial data request. Calls or emails with Clark staff and counsel on same.	6.5 hours	\$195.00	\$ 1,267.50
2	Mileage	1/16 Travel to Winchester	166.0	0.575	\$ 95.45
TOTAL					\$ 1,362.95

Routing No.: 083000108
 Account No.: 3026937313

Please remit payment to Catalyst Consulting LLC by check or ACH as noted above. Thank you.

01/31/2020
 02/06/2020

APPROVED BY [Signature]
 APPROVAL DATE 2/3/2020
 CHECK NUMBER _____
 DATE PAID _____
 ACCOUNT NUMBER 928.00 - 1,362.95

V4665
 [Signature]

Consulting / COS & RATE Review

	<h1>CATALYST</h1> <h2>CONSULTING LLC</h2>
	<p>3308 Haddon Road Louisville, KY 40241 (502) 599-1739 johnwolfram@catalystcllc.com</p>

INVOICE

Date: March 1, 2020	Invoice #: 200212
Client: Clark Energy Cooperative 2640 Ironworks Road Winchester, KY 40391 Attn: Chris Brewer	Project: 2019 Cost of Service & Rate Review Case No. _____ For Services Provided in February 2020

	Item	Description	Qty	Rate	Amt
1	Consulting Services	John Wolfram – consulting support for 2019 Cost of Service & Rate Review. Attend 2/13 review meeting. Prepare initial data request. Calls or emails with Clark staff and counsel on same.	19.5 hours	\$195.00	\$ 3,802.50
2	Mileage	2/13 Travel to Winchester	184.0	\$0.575	\$ 105.80
TOTAL					\$ 3,908.30

Routing No.: 083000108
 Account No.: 3026937313

Please remit payment to Catalyst Consulting LLC by check or ACH as noted above. Thank you.

02/28/2020
 03/05/2020

AWK
3/5/20

APPROVED BY *JSE*
 APPROVAL DATE 3/2/2020
 CHECK NUMBER _____
 DATE PAID _____
 ACCOUNT NUMBER 928.00 - 3,908.30

Consulting/ Rate Case / COS study



INVOICE


Date: April 1, 2020	Invoice #: 200312
Client: Clark Energy Cooperative 2640 Ironworks Road Winchester, KY 40391 Attn: Holly Eades	Project: 2019 Cost of Service & Rate Review Case No. 2020-00104 For Services Provided in March 2020

	Item	Description	Qty	Rate	Amt
1	Consulting Services	John Wolfram – consulting support for 2019 Cost of Service & Rate Review. Complete draft COS and rate analyses. Prepare notice values. Draft testimony. Review filing drafts. Calls or emails with Clark staff and counsel on same.	26.5 hours	\$195.00	\$ 5,167.50
TOTAL					\$ 5,167.50

Routing No.: 083000108
 Account No.: 3026937313

Please remit payment to Catalyst Consulting LLC by check or ACH as noted above. Thank you.

ACCTDATE: 3-31-20
 CKDATE: 4-2-20

Approved By: 
 Approval Date: 4-1-20
 Account Number: 928.00 - 5,167.50
Consulting / COS Study / Rate Case