COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE ELECTRONIC APPLICATION OF)	
FARMERS RURAL ELECTRIC COOPERATIVE	Ξ)	
CORPORATION FOR PASS-THROUGH OF)	Case No. 2021-00108
EAST KENTUCKY POWER COOPERATIVE,)	
INC.'S WHOLESALE RATE ADJUSTMENT)	

FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION'S APPLICATION

Comes now Farmers Rural Electric Cooperative Corporation ("Farmers"), by counsel, pursuant to KRS 278.455(2), 807 KAR 5:007 and other applicable law, and does hereby request the Kentucky Public Service Commission ("Commission") to grant it a pass-through of East Kentucky Power Cooperative Inc.'s ("EKPC") wholesale rate adjustment, respectfully stating as follows:

- 1. Farmers is a not-for-profit, member-owned, rural electric distribution cooperative organized under KRS Chapter 279. Farmers is engaged in the business of distributing retail electric power to approximately 25,700 members in the Kentucky counties of Adair, Barren, Edmonson, Grayson, Green, Hart, LaRue and Metcalfe.
- 2. Pursuant to 807 KAR 5:001, Section 14(1) and 807 KAR 5:007, Sections 1(2) and Section 2(2), Farmers' mailing address is 504 South Broadway, Glasgow, Kentucky 42141 and its electronic mail address is farmersrecc-psc@farmersrecc.com.
- 3. Pursuant to 807 KAR 5:001, Section 14(2), Farmers is a Kentucky corporation that was incorporated on March 15, 1938 and is currently in good standing to conduct business within the Commonwealth of Kentucky.

- 4. Pursuant to 807 KAR 5:007, Sections 1(3) and Section 2(2), Farmers is one of the sixteen owner-member cooperatives of EKPC. EKPC has filed an Application for a general adjustment of its existing wholesale rates to its owner-members, including Farmers.¹ In accordance with KRS 278.455, Farmers seeks to pass-through the increase in EKPC's wholesale rates to Farmers to Farmers' retail members.
- 5. Pursuant to 807 KAR 5:007 Section 2(1), attached as **Exhibit 1** to this Application are the proposed tariffs of Farmers incorporating the new rates and proposing an effective date of May 1, 2021, which is the same effective date proposed by EKPC in its rate case.
- 6. Pursuant to 807 KAR 5:007 Sections 1(4) and Section 2(2), attached as **Exhibit 2** to this Application is a comparison of the current and the proposed rates of Farmers.
- 7. Pursuant to 807 KAR 5:007 Sections 1(5)(a)-(b) and Section 2(2), attached as **Exhibit 3** to this Application is a billing analysis which shows the existing and proposed rates for each of Farmers' rate classes. Farmers further states that the effects of the increase in rates from its wholesale supplier, EKPC, are being passed through to its retail members through its retail tariffs on a proportional basis and that the rate design structure proposed for each retail rate schedule does not change the rate design currently in effect.
- 8. Pursuant to 807 KAR 5:007 Sections 1(6) and Section 2(2), a certification that a complete copy of this filing has been mailed to the Kentucky Attorney General's Office of Rate Intervention and an electronic copy was also sent to rateintervention@ag.ky.gov is attached as **Exhibit 4**.

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¹ See In the Matter of the Electronic Application of East Kentucky Power Cooperative, Inc. for a General Adjustment of Rates, Approval of Depreciation Study, Amortization of Certain Regulatory Assets and Other General Relief, Application, Case No. 2021-00103 (filed April 1, 2021).

9. Pursuant to 807 KAR 5:007 Sections 1(7)(b) and (8) and Section 2(2), notice of the proposed rate changes has been given, not more than thirty (30) days prior to April 1, 2021, by publication in a newspaper of general circulation throughout Farmers' service territory. A copy of the notice is attached as **Exhibit 5** and contains all of the required information pursuant to 807 KAR 5:007, Section 3.

10. This application is supported by the Testimony of Mr. John Wolfram, which is attached as **Exhibit 6**.

WHEREFORE, on the basis of the foregoing, Farmers respectfully requests that the Commission accept this Application for filing and allow Farmers to pass-through to its retail members the increase in the wholesale rates granted to EKPC and for the effective date of Farmers' pass-through rates to be the same as the effective date of EKPC's rate increase.

Done this 1st day of April 2021.

Respectfully submitted,

David S. Samford

L. Allyson Honaker

Goss Samford, PLLC

2365 Harrodsburg Road, Suite B-325

Lexington, KY 40504

(859) 368-7740

david@gosssamfordlaw.com allyson@gossssamfordlaw.com

Counsel for Farmers Rural Electric Cooperative Corporation

Exhibit List

Document	Tab
Proposed Tariffs Incorporating the New Rates Proposed to be Effective on May 1, 2021	1
Comparison of the Current and Proposed Rates	2
Billing Analysis Showing the Existing and Proposed Rates for Each Rate Class	3
Certification of Mailing to Office of Rate Intervention	4
Copy of Notice	5
Testimony of John Wolfram	6

Case No. 2021-00108 Application – Exhibit 1

Proposed Tariffs

	FOR <u>ALL TERRITORY S</u> Community, Town	
	P.S.C. KY. NO.	10
EADMEDS DUDAL ELECTRIC	4th Revised SHEET NO.	12
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO.	10
	3rd Revised SHEET NO.	.12
RATES	S AND CHARGES	

SCHEDULE R - RESIDENTIAL SERVICE

APPLICABLE: In all territory served by the seller.

<u>AVAILABILITY:</u> Available to residents for all uses in the home and on the farm and for other consumers using single-phase service below 50 kW for ordinary merchandising establishments, repair shops, garages and service stations, schools, churches and community buildings, all subject to the established rules and regulations of the seller. Three-phase service may be provided to consumers located within 1,000 feet of existing three-phase line.

TYPE OF SERVICE: Single-phase, or three-phase where available, 60 cycles, at available secondary voltages.

RATES PER MONTH:

<u>FUEL ADJUSTMENT CLAUSE</u>: All rates are applicable to the Fuel Adjustment Clause and 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 percent and is based on a twelve-month moving average of such losses. This Fuel Clause is subject to all other applicable provisions as set out in 807 KAR 5:056.

DATE OF ISSUE: <u>04-01-2021</u>

DATE EFFECTIVE: 05-01-2021

ISSUED BY: William / Monor

	FOR	ALL TERRITORY SERVED Community, Town or City
	P.S.C. KY. N	NO. 10
	4th Revised	SHEET NO. 20.001
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLI	NG P.S.C. KY. NO. 10
	3rd Revised	SHEET NO. <u>20.001</u>
R	ATES AND CHARGES	
SCHEDULE R- TIM	<u>1E-OF-DAY- RESIDENTI</u>	AL SERVICE
APPLICABLE: In all territory served by the	Cooperative.	8
AVAILABILITY: Available to all members only single phase service is required.	for residential use where the mo	onthly demand is less than 50 kW and
MONTHLY RATE:		
Customer Charge	\$ 20.42 per Month	(I)
On-Peak Energy Off-Peak Energy	\$ 0.104393 per kWh \$ 0.058116 per kWh	(I) (I)
ON-PEAK HOURS	Central Prevailing Time	
October through April	6:00 A.M. to 11:00 A.M. 4:00 P.M. to 9:00 P.M. C	
May through September	9:00 A.M. to 9:00 P.M. C	entral Time
All other hours are Off-Peak.		
		20
	Quantity Harris Harris	
DATE OF ISSUE: <u>04-01-2021</u>		
DATE EFFECTIVE: 05-01-2021		
ISSUED BY Lilliam J. Indian TITLE: President & Chief Executive Officer		

es es		FOR ALL TERRIT	ORY SERVED y, Town or City
		P.S.C. KY. NO	10
TARRES DANS A DE DOMBIO		4th Revised SHEET NO	. 21
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION		CANCELLING P.S.C. KY.	NO, <u>10</u>
		3rd Revised SHEET NO	21
	RATES A	ND CHARGES	
SCHEDULE C	– COMMERO	CIAL & INDUSTRIAL SERVIC	CE.
APPLICABLE: In all territory serv	ed by the selle	er.	_
AVAILABILITY: Available to corincluding lighting, heating and powerules and regulations of the seller.			
TYPE OF SERVICE: Single-phase voltages.	e, or three-phas	se where available, 60 cycles at av	ailable
	RATES PER	R MONTH	
1. For all consumers whose kilowar	tt demand is le	ess than 50 kW.	
Kilowatt Demand Charge:	None		
Customer Charge All kWh	@	\$22.16 0.083115 per kWh	(I) (I)
2. For all consumers whose kilowa	tt demand is 5	0 kW or above.	
Kilowatt Demand Charge:		\$8.20 per kW	(I)
Customer Charge Energy Charge:		\$109.12	(I)
All kWh	@	\$0.063276 per kWh	(I)

DATE OF ISSUE: <u>04-01-2021</u>

DATE EFFECTIVE: 105-01-2021

ISSUED BY Steam J. Fratting
TITLE: President & Chief Executive Officer

	FOR ALL TERRITORY SERVED Community, Town or City	_
a	P.S.C. KY. NO. 10	
DADA DDA DAYDAA DA DATDAG	4th Revised SHEET NO. 22	
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10	
	3rd Revised SHEET NO. 24	
DATE	CC AND CHADCES	-

RATES AND CHARGES

SCHEDULE C – TIME-OF-DAY-COMMERCIAL SERVICE

APPLICABLE: In all territory served by the seller.

AVAILABILITY: Available to consumers for commercial or non-residential loads of all uses including lighting, heating, and power not exceeding a total kilowatt demand of 500 kW; all subject to the established rules and regulations of the seller.

TYPE OF SERVICE: Single phase or three phase where available, 60 cycles at available voltages.

RATES PER MONTH

Customer Charge:

Single Phase Service Three Phase Service

\$ 22.16 per month

\$109.12 per month

Energy Charge per kWh:

On-Peak Energy Off-Peak Energy \$0.118227 per kWh

\$0.058116 per kWh

On-Peak Hours

May – September

9:00 a.m. - 9:00 p.m. CST*

October - April

6:00 a.m. - 11:00 a.m. CST* 4:00 p.m. - 9:00 p.m. CST*

*Refer to notation on following page concerning daylight savings time.

(I)

All other hours are Off-Peak.

DATE OF ISSUE: 04-01-2021

DATE EFFECTIVE: 05-01-2021

ISSUED BY

TITLE: President & Chief Executive Officer

	FOR ALL TERRITORY SERVED Community, Town or City
	P.S.C. KY. NO10
EADWEDS DID AL ELECTRIC	5th Revised SHEET NO. 26
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10
	4th Revised SHEET NO. 26
RATE	S AND CHARGES

SCHEDULE D – LARGE COMMERCIAL/INDUSTRIAL SERVICE **OPTIONAL TIME-OF-DAY RATE**

APPLICABLE: In all territory served by the seller.

AVAILABILITY: In Case No. 2014-00155, the Public Service Commission approved the discontinuance of Schedule D for all but existing members that were currently being served pursuant to Schedule D on and before October 16, 2014.

TYPE OF SERVICE: Single-phase, or three-phase where available, 60 cycles at available voltages.

RATES PER MONTH

Customer Charge		\$1	109.	.12	181	(1)
Kilowatt Demand Charge:		\$	8.	.20 per kW		
Energy Charge:						Ì
All	kWh	(a)	\$0.063187 per kV	Vh	

DETERMINATION OF BILLING DEMAND: The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes during the on-peak hours specified by the seller in the consumer's service contract during the month for which the bill is rendered, as indicated or recorded by a demand meter and adjusted for power factor as provided below.

DATE OF ISSUE: 04-01-2021

DATE EFFECTIVE: 05-01-2021

TITLE: President & Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of KY

in Case No. 2019-00008 Dated: 12-26-2019

	FOR <u>ALL TERRITORY SERVED</u>
	Community, Town or City
	P.S.C. KY. NO10
	5th Revised SHEET NO. 29
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10_
	4th Revised SHEET NO. 29
RATES	S AND CHARGES

RATES AND CHARGES

SCHEDULE E – LARGE INDUSTRIAL RATE

APPLICABLE: In all territory served by the seller.

<u>AVAILABILITY</u>: In Case No. 2014-00155, the Public Service Commission approved the discontinuance of Schedule E for all but existing members that were currently being served pursuant to Schedule E on and before October 16, 2014.

MONTHLY RATE:

Customer Charge:

\$1,187.32 per Month \$8.20 per kW (I)

Demand Charge:

\$ 0.049295 per kWh

Energy Charge:

<u>DETERMINATION OF BILLING DEMAND</u>: The monthly billing demand shall be the greater of (a) or (b) listed below:

(a) The contract demand,

MONTHS

(b) The consumer's highest demand during the current month or preceding eleven months coincident with the load center's peak demand. The load center's peak demand is the highest average rate at which energy is used during any fifteenminute interval in the below listed hours for each month and adjusted for power factor as provided herein:

HOURS APPLICABLE FOR DEMAND BILLING - EST

October through April

7:00 A.M. to 12:00 Noon 5:00 P.M. to 10:00 P.M.

May through September

10:00 A.M. to 10:00 P.M.

DATE OF ISSUE: <u>04-01-2021</u>

DATE EFFECTIVE: 05-01-2021

ISSUED BY William J. TWILLY TITLE: Provident & Chief Executive Office

TITLE: President & Chief Executive Officer

		FOR ALL TE	RRITORY SERVED nunity, Town or City
		P.S.C. KY. NO	10
FARMERS RURA	I ELECTRIC	5th Revised SHEE	r No. 31.001
COOPERATIVE C		CANCELLING P.S.C.	KY. NO. 10
		4th Revised SHEE	ET NO. 31.001
	RATES AND C	CHARGES	
	SCHEDULE LPC-1 -	LARGE POWER	
APPLICARI F	In all territory served by the Cooperat		
THI DICKDEE.	in an territory served by the cooperat		
<u>AVAILABILITY</u> : Available to all members of the Cooperative where the monthly contract demand is 500 to 999 kW with a monthly energy usage equal to or greater than 425 kilowatt hours per kW of billing demand, all subject to the established rules and regulations of the Cooperative.			
e			
MONTHLY RA' Customer		\$1,055.85 per Month	(I)
Demand (Energy C	•	\$ 8.08 per kW \$ 0.055766 per kWh	
Energy C		Ф 0.033700 рег кwп	.*
DETERMINATION below:	ON OF BILLING DEMAND; The bi	illing demand shall be the	greater of (a) or (b) listed
(b) Tl m fir	ne contract kW demand, ne member's highest kW peak demand onths. The peak demand is the highest teen-minute interval in the hours listed ovided herein.	est average rate at which	energy is used during any
	ON OF BILLING ENERGY: The k's hours or the actual kWh energy used		

DATE OF ISSUE: <u>04-01-2021</u>

DATE EFFECTIVE, 05-01-2021

ISSUED BY Allam THOMAN
TITLE: President & Chief Executive Officer

S S	
	FOR ALL TERRI, TORY SERVED Community, Town or City
	P.S.C. KY. NO. <u>10</u>
DADMINDS DAID AT ALL RECEDIO	5th Revised SHEET NO. 31,004
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10
	4th Revised SHEET NO. 31.004
RATES AND CI	HARGES
SCHEDULE LPC-2 I	LARGE POWER
APPLICABLE: In all territory served by the Cooperation	ve.
AVAILABILITY: Available to all members of the Co 1,000 to 2,999 kW with a monthly energy usage equal billing demand, all subject to the established rules and respect to the established rules.	to or greater than 425 kilowatt hours per kW or
MONTHLY RATE:	
Customer Charge: \$1 Demand Charge: \$,338.58 per Month (I) 8.08 per kW
•	0.053695 per kWh
months. The peak demand is the highes	d during the current month or preceding elever t average rate at which energy is used during any for each month and adjusted for power factor as the billing energy shall be the billing kW demand
DATE OF ISSUE. 04 01 2021	
DATE OF ISSUE: 04-01-2021	25
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Issued by authority of an Order of the Public Service Commission of KY in Case No. 2019-00008 Dated: 12-26-2019

ISSUED BY William J. Kmitum
TITLE: President & Chief Executive Officer

	FOR ALL TERRITORY SERVED Community, Town or City		
	P.S.C. KY. NO. <u>10</u>		
	5th Revised SHEET NO. 31.007		
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10		
	4th Revised SHEET NO. 31.007		
RATES AND CHA	RGES		
SCHEDULE LPC-3 – LA	RGE POWER		
<u>APPLICABLE</u> : In all territory served by the Cooperative.	Æ		
AVAILABILITY: Available to all members of the Coope 3,000 to 4,999 kW with a monthly energy usage equal to billing demand, all subject to the established rules and regu	or greater than 425 kilowatt hours per kW of		

MONTHLY RATE:

Customer Charge:

Demand Charge:

Energy Charge:

\$3,052.21 per Month

8.08 per kW

\$ 0.052138 per kWh

<u>DETERMINATION OF BILLING DEMAND</u>: The billing demand shall be the greater of (a) or (b) listed below:

- (a) The contract kW demand,
- The member's highest kW peak demand during the current month or preceding eleven **(**b**)** months. The peak demand is the highest average rate at which energy is used during any fifteen-minute interval in the hours listed for each month and adjusted for power factor as provided herein.

DETERMINATION OF BILLING ENERGY: The kWh billing energy shall be the billing kW demand multiplied by 425 hours or the actual kWh energy used in the current month, whichever is greater.

DATE OF ISSUE: 04-01-2021

DATE EFFECTIVE: 05-01-2021

ISSUED BY

TITLE: President & Chief Executive Officer

	FORALL TERRI . ORY SERVED Community, Town or City
	P.S.C. KY. NO
	5th Revised SHEET NO. 31.010
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10
	4th Revised. SHEET NO. 31.010
RATES AND C	HARGES
SCHEDULE LPC-4 –	LARGE POWER
APPLICABLE: In all territory served by the Cooperation	ve.
AVAILABILITY: Available to all members of the Co 5,000 to 9,999 kW with a monthly energy usage equal billing demand, all subject to the established rules and response to the established rules.	l to or greater than 425 kilowatt hours per kW of
MONTHLY RATE:	
Customer Charge: \$3 Demand Charge: \$,341.12 per Month (I) 8.08 per kW
•	0.049546 per kWh
months. The peak demand is the higher	nd during the current month or preceding eleven st average rate at which energy is used during any d for each month and adjusted for power factor as Wh billing energy shall be the billing kW demand
DATE OF ISSUE: 04-01-2021	Andrews Andrews
DATE EFFECTIVE) 05-01-2021	
ISSUED BY William I Antim	
TITLE: President & Chief Executive Officer	

I ssuedby authority of an Order of the Public Service Commission of KY in Case No. $\underline{2019\text{-}00008}$ Dated: $\underline{12\text{-}26\text{-}2019}$

	FORALL TERRLATRY SERVED
	Community, Town or City
	P.S.C. KY. NO10
EADACRO DITE AL ELECTRIC	5th Revised SHEET NO. 31.013
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10
	4th Revised SHEET NO. 31.013
RATE	S AND CHARGES
SCHEDULE I	LPC-5 – LARGE POWER
APPLICABLE: In all territory served by the	Cooperative.
AVAILABILITY: Available to all members	of the Cooperative where the monthly contract deman

10,000 kW or greater with a monthly energy usage equal to or greater than 425 kilowatt hours per kW of

billing demand, all subject to the established rules and regulations of the Cooperative.

MONTHLY RATE:

Customer Charge:

\$4,677.56 per Month

Demand Charge:

8.08 per kW

Energy Charge:

\$ 0.046954 per kWh

DETERMINATION OF BILLING DEMAND: The billing demand shall be the greater of (a) or (b) listed below:

- (a) The contract kW demand,
- (b) The member's highest kW peak demand during the current month or preceding eleven months. The peak demand is the highest average rate at which energy is used during any fifteen-minute interval in the hours listed for each month and adjusted for power factor as provided herein.

DETERMINATION OF BILLING ENERGY: The kWh billing energy shall be the billing kW demand multiplied by 425 hours or the actual kWh energy used in the current month, whichever is greater.

DATE OF ISSUE: 04-01-2021

DATE EFFECTIVE: 05-01-202 ISSUED BY William Total

TITLE: President & Chief Executive Officer

	P.S.C. KY. NO. <u>10</u>
FARMERS RURAL ELECTRIC	5th RevisedSHEET NO. 31.016
COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10
	4th Revised SHEET NO. 31.016
RATE	S AND CHARGES

SCHEDULE LPB-1 - LARGE POWER

<u>APPLICABLE</u>: In all territory served by the Cooperative.

<u>AVAILABILITY</u>: Available to all members of the cooperative who are or shall be members of the Cooperative where the monthly contract demand is 500 to 999 kW with a monthly energy usage equal to or greater than 425 kilowatt hours per kW of contract billing demand, all subject to the established rules and regulations of the Cooperative.

MONTHLY RATE:

Customer Charge:

\$1,055.85 per Month

Demand Charge:

\$8.08 per kW of contract demand

\$10.37 per kW for all billing demand in excess

of contract demand

Energy Charge:

\$0.055913 per kWh

<u>DETERMINATION OF BILLING DEMAND</u>: The kW billing demand shall be the contract demand plus any excess demand. Excess demand occurs when the member's peak demand during the current month exceeds the contract demand. The member's peak demand is the highest average rate at which energy is used during any fifteen-minute interval in the hours listed for each month and adjusted for power factor as provided herein.

<u>DETERMINATION OF BILLING ENERGY:</u> The kWh billing energy shall be the contract billing kW demand multiplied by 425 hours or the actual energy used in the current month, whichever is greater.

DATE OF ISSUE:

04-01-2021

DATE EFFECTIVE: 05-01-2021

ISSUED BY (A Manie)

TITLE: President & Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of KY

in Case No. 2019-00008 Dated: 12-26-2019

	FOR	ALL TERRITOR	
		Community,	TOWN OF CRY
	P.S.C. KY.	NO	10
FARMERS RURAL ELECTRIC	5th Revised	SHEET NO	31.019
COOPERATIVE CORPORATION	CANCELLI	NG P.S.C. KY. NO	. 10
	4th Revised	SHEET NO	31.019
RATI	ES AND CHARGES		
SCHEDULE APPLICABLE: In all territory served by the	LPB-2 – LARGE POW	<u>ER</u>	ĕ
AVAILABILITY: Available to all members 1,000 to 2,999 kW with a monthly energy us contract billing demand, all subject to the esta	sage equal to or greater t	han 425 kilowa	tt hours per kW of
MONTHLY RATE: Customer Charge: Demand Charge:	\$1,338.52 per Month \$8.08 per kW of co \$10.37 per kW for all of contract demand		in excess
Energy Charge:	\$0.053834 per kWh		
DETERMINATION OF BILLING DEMANE any excess demand. Excess demand occurs vexceeds the contract demand. The member's used during any fifteen-minute interval in the as provided herein.	when the member's peak peak demand is the high	demand during est average rate	the current month at which energy is

<u>DETERMINATION OF BILLING ENERGY</u>: The kWh billing energy shall be the contract billing kW demand multiplied by 425 hours or the actual energy used in the current month, whichever is greater.

DATE OF ISSUE: <u>04-01-2021</u>

DATE EFFECTIVE: 05-01-2021

ISSUED BY William TITLE: President & Chief Executive Officer

TITLE. TESIGEN & CINET EXECUTIVE OTHER

RATI	ES AND CHARGES
	4th Revised SHEET NO. 31.022
COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10
FARMERS RURAL ELECTRIC	5th Revised SHEET NO. 31.022
	P.S.C. KY. NO. <u>10</u>
	Community, Town or City
	FORALL TERRITORY SERVED

SCHEDULE LPB-3 - LARGE POWER

APPLICABLE: In all territory served by the Cooperative.

<u>AVAILABILITY</u>: Available to all members of the Cooperative where the monthly contract demand is 3,000 to 4,999 kW with a monthly energy usage equal to or greater than 425 kilowatt hours per kW of contract billing demand, all subject to the established rules and regulations of the Cooperative.

MONTHLY RATE:

Customer Charge:

\$3,052.21 per Month

Demand Charge:

\$8.08 per kW of contract demand

\$10.37 per kW for all billing demand in excess

(I)

of contract demand

Energy Charge:

\$0.052275 per kWh

<u>DETERMINATION OF BILLING DEMAND</u>: The kW billing demand shall be the contract demand plus any excess demand. Excess demand occurs when the member's peak demand during the current month exceeds the contract demand. The member's peak demand is the highest average rate at which energy is used during any fifteen-minute interval in the hours listed for each month and adjusted for power factor as provided herein.

<u>DETERMINATION OF BILLING ENERGY:</u> The kWh billing energy shall be the contract billing kW demand multiplied by 425 hours or the actual energy used in the current month, whichever is greater.

DATE OF ISSUE: 04-01

ISSUED BY

04-01-2021

DATE EFFECTIVE: 05-01-2021

DITTE 211 2011 1 03 01 202

TITLE: President & Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of KY

in Case No. 2019-00008 Dated: 12-26-2019

	FOR ALL TERRITORY SERVED Community, Town or City
	P.S.C. KY. NO
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	5th Revised SHEET NO. 31.025
	CANCELLING P.S.C. KY. NO. 10
	4th Revised SHEET NO. 31.025
RATES A	ND CHARGES
SCHEDULE LPI	3-4 – LARGE POWER
APPLICABLE: In all territory served by the Coo	pperative.
	the Cooperative where the monthly contract demand i equal to or greater than 425 kilowatt hours per kW other rules and regulations of the Cooperative.
MONTHLY RATE:	

Customer Charge:
Demand Charge:

\$3,341.12 per month

\$8.08 per kW of contract demand

\$10.37 per kW for all billing demand in excess

(I)

of contract demand

Energy Charge:

\$0.049677 per kWh

<u>DETERMINATION OF BILLING DEMAND</u>: The kW billing demand shall be the contract demand plus any excess demand. Excess demand occurs when the member's peak demand during the current month exceeds the contract demand. The member's peak demand is the highest average rate at which energy is used during any fifteen-minute interval in the hours listed for each month and adjusted for power factor as provided herein.

<u>DETERMINATION OF BILLING ENERGY:</u> The kWh billing energy shall be the contract billing kW demand multiplied by 425 hours or the actual energy used in the current month, whichever is greater.

DATE OF ISSUE: <u>04-01-2021</u>

DATE EFFECTIVE: 05-01-2021

ISSUED BY CONGRETE OF THE PROPERTY OF THE PROP

TITLE: President & Chief Executive Officer

	FOR ALL TERRITORY SERVED Community, Town or City
	P.S.C. KY. NO. 10
	4th Revised SHEET NO. 31.028
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10
	3rd Revised SHEET NO. 31.028
R	ATES AND CHARGES
SCHEDUI	LE LPB-5 – LARGE POWER
APPLICABLE: In all territory served by	he Cooperative.
10,000 kW or greater with a monthly ener	pers of the Cooperative where the monthly contract demand is gy usage equal to or greater than 425 kilowatt hours per kW of established rules and regulations of the Cooperative.
MONTHLY RATE:	
Customer Charge: Demand Charge:	\$4,677.56 per Month \$8.08 per kW of contract demand
g.	\$10.37 per kW for all billing demand in excess of contract demand
	1
Energy Charge:	\$0.047079 per kWh
any excess demand. Excess demand occuexceeds the contract demand. The member	ND: The kW billing demand shall be the contract demand plus rs when the member's peak demand during the current month or's peak demand is the highest average rate at which energy is the hours listed for each month and adjusted for power factor
A THE RESIDENCE OF THE PARTY OF	GY: The kWh billing energy shall be the contract billing kW
demand multiplied by 425 hours or the act	ual energy used in the current month, whichever is greater.
DATE OF ISSUE: <u>04-01-2021</u>	
DATE EFFECTIVE: 05-01-2021	
ISSUED BY Julian Tritle: President & Chief Executive Officer	

	FOR ALL TERRITORY SERVED Community, Town or City
	P.S.C. KY. NO10
	4th Revised SHEET NO. 31.031
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10
	3rd Revised SHEET NO. 31.031
The state of the s	ATES AND CHARGES
F1	
CCHEDIU E I DE	1 LABOE DOWED TIME OF DAY
(1000 - 110	-1 – LARGE POWER TIME-OF-DAY
<u>APPLICABLE</u> : In all territory served by the	e Cooperative.
AVAILABILITY: Available to all members kW; all subject to the established rules and re	of the Cooperative where the monthly kilowatt demand is 500 to 999 egulations of the Cooperative.
MONTHLY RATE: Customer Charge: Demand Charge: Energy Charge:	\$1,055.85 per Month \$ 6.88 per kW \$ 0.066376 per kWh On-Peak \$ 0.057650 per kWh Off-Peak
	2: The kW billing demand shall be the highest average rate at which eval during the month and adjusted for power factor as provided herein.
DETERMINATION OF ENERGY BILLED with the hours listed for each month:	2: On-Peak and Off-Peak kWh energy billing shall be in accordance
<u>MONTHS</u>	ON-PEAK HOURS - Central Prevailing Time
October through April	6:00 A.M. to 11:00 A.M. Central Time
May through September	4:00 P.M. to 9:00 P.M. Central Time 9:00 A.M. to 9:00 P.M. Central Time
All other hours are Off-Peak	
DATE OF ISSUE: <u>04-01-2021</u>	The state of the s
DATE EFFECTIVE: 05-01-2021	

ISSUED BY Julian TITLE: President & Chief Executive Officer

	FOR ALL TERRITORY SERVED Community, Town or City
	P.S.C. KY. NO. <u>10</u>
	4th Revised SHEET NO. 31.033
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10
	3rd Revised SHEET NO. 31.033
RA	ATES AND CHARGES
SCHEDULE LPE-	2 – LARGE POWER TIME-OF-DAY
APPLICABLE: In all territory served by the	Cooperative.
AVAILABILITY: Available to all members 2,999 kW; all subject to the established rules a	of the Cooperative where the monthly kilowatt demand is 1,000 t and regulations of the Cooperative.
MONTHLY RATE:	01 220 52
Customer Charge: Demand Charge:	\$1,338.52 per Month (I) \$ 6.88 per kW
Energy Charge:	\$ 0.064308 per kWh On-Peak
	\$ 0.055572 per kWh Off-Peak
	The kW billing demand shall be the highest average rate at whice all during the month and adjusted for power factor as provided herein
<u>DETERMINATION OF ENERGY BILLED:</u> with the hours listed for each month:	On-Peak and Off-Peak kWh energy billing shall be in accordance
<u>MONTHS</u>	ON-PEAK HOURS - Central Prevailing Time
October through April	6:00 A.M. to 11:00 A.M. Central Time
May through September	4:00 P.M. to 9:00 P.M. Central Time 9:00 A.M. to 9:00 P.M. Central Time
All other hours are Off-Peak	W
DATE OF ISSUE: <u>04-01-2021</u>	
DATE EFFECTIVE 05-01-2021	
ISSUED BY Alls on Juling TITLE: President & Chief Executive Officer	

	FORALL TERRITORY SERVED
	Community, Town or City
	P.S.C. KY. NO10
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	4th Revised SHEET NO. 31035
	CANCELLING P.S.C. KY. NO. 10
	3rd Revised SHEET NO. 31.035
	RATES AND CHARGES

SCHEDULE LPE-3 – LARGE POWER TIME-OF-DAY

<u>APPLICABLE</u>: In all territory served by the Cooperative.

AVAILABILITY: Available to all members of the Cooperative where the monthly kilowatt demand is 3,000 to 4,999 kW; all subject to the established rules and regulations of the Cooperative.

MONTHLY RATE:

Customer Charge:

\$3,052.21 per Month

(I)

Demand Charge:

6.88 per kW

Energy Charge:

\$ 0.062757 per kWh On-Peak \$ 0.054013 per kWh Off-Peak

DETERMINATION OF DEMAND BILLED: The kW billing demand shall be the highest average rate at which energy is used during any fifteen-minute interval during the month and adjusted for power factor as provided herein.

DETERMINATION OF ENERGY BILLED: On-Peak and Off-Peak kWh energy billing shall be in accordance with the hours listed for each month:

MONTHS

ON-PEAK HOURS - Central Prevailing Time

October through April

6:00 A.M. to 11:00 A.M. Central Time 4:00 P.M. to 9:00 P.M. Central Time

May through September

9:00 A.M. to 9:00 P.M. Central Time

All other hours are Off-Peak

DATE OF ISSUE:

ISSUED BY

04-01-2021

DATE EFFECTIVE \ 05-01-2021

TITLE: President & Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of KY

in Case No. 2019-00008

Dated: 12-26-2019

	FOR ALL TERRITORY SERVED Community, Town or City
	P.S.C. KY. NO. 10
FARMERS RURAL ELECTRIC	4th Revised SHEET NO. 31.037
COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10
	3rd Revised SHEET NO. 31.037
RA	ATES AND CHARGES
SCHEDIII E I DE	4 – LARGE POWER TIME-OF-DAY
APPLICABLE: In all territory served by the G	
THE PROPERTY OF THE VICE OF TH	cooperative.
	al or non-residential members of the Cooperative where the monthly subject to the established rules and regulations of the Cooperative.
MONTHLY RATE:	
Customer Charge:	\$3,341.25 per Month (I)
Demand Charge: Energy Charge:	\$ 6.88 per kW \$ 0.060174 per kWh On-Peak
2	\$ 0.051417 per kWh Off-Peak
	The kW billing demand shall be the highest average rate at which ral during the month and adjusted for power factor as provided herein
<u>DETERMINATION OF ENERGY BILLED:</u> with the hours listed for each month:	On-Peak and Off-Peak kWh energy billing shall be in accordance
MONTHS	ON-PEAK HOURS – Central Prevailing Time
October through April	6:00 A.M. to 11:00 A.M. Central Time
May through September	4:00 P.M. to 9:00 P.M. Central Time 9:00 A.M. to 9:00 P.M. Central Time
All other hours are Off-Peak	
DATE OF ISSUE: 04-01-2021	
DATE EFFECTIVE; 05-01-2021	Đ
ISSUED BY Water TITLE: President & Chief Executive Officer	

	FORALL T.ER.R.L.T.ORY SERVED
	Community, Town or City
	P.S.C. KY. NO. <u>10</u>
	4th Revised SHEET NO. 31.039
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10
	_3rd RevisedSHEET NO. 31.039
RA	ATES AND CHARGES
SCHEDULE LPE-	5 – LARGE POWER TIME-OF-DAY
APPLICABLE: In all territory served by the G	Cooperative.
	al or non-residential members of the Cooperative where the monthly subject to the established rules and regulations of the Cooperative.
MONTHLY RATE:	
Customer Charge:	\$4,677.56 per Month (I)
Demand Charge:	\$ 6.88 per kW
Energy Charge:	\$ 0.057586 per kWh On-Peak \$ 0.048817 per kWh Off-Peak ▼
	The kW billing demand shall be the highest average rate at which ral during the month and adjusted for power factor as provided herein.
<u>DETERMINATION OF ENERGY BILLED</u> ; with the hours listed for each month:	On-Peak and Off-Peak kWh energy billing shall be in accordance
MONTHS	ON-PEAK HOURS - Central Prevailing Time
October through April	6:00 A.M. to 11:00 A.M. Central Time
May through September	4:00 P.M. to 9:00 P.M. Central Time 9:00 A.M. to 9:00 P.M. Central Time
, , ,	9.00 A.W. to 9.00 I.W. Central Time
All other hours are Off-Peak	
DATE OF ISSUE: <u>04-01-2021</u>	
DATE EFFECTIVE: <u>05-01-2021</u>	
ISSUED BY () Illum J. STORM	×
TITLE: President & Chief Executive Officer	

FOR	ALL TERRITORY S	ERVED	
	Community, Town	or City	
P.S.C. KY. NO)	10	
5th Revised	_SHEET NO.	41	- 802-300
***************************************	G P.S.C. KY. NO.	10	
4th Revised	SHEET NO.	41	
THITTCVISCO			

FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION

RATES AND CHARGES

SCHEDULE SL – STREET LIGHTING SERVICE

<u>APPLICABLE</u>: In all territory served by the Cooperative.

<u>AVAILABILITY</u>: Available to federal, state and local governmental agencies for dusk to dawn street lighting subject to established rules and regulations.

<u>TYPE OF SERVICE</u>: Automatic dusk to dawn lighting systems, single-phase, 60 cycles, at available secondary voltages.

MONTHLY RATE:

Energy Charge: The monthly energy charge for each type of lamp shall be \$0.056910 per rated kWh per month as determined from Table I below:

	TABLE I		
	Lamp Size		Rated
Type of Lamp	Watts	Lumens	kWh
Fluorescent	40	2,400	16
High Pressure Sodium	150	12,800	63
Metal Halide	175	9,350	70
Mercury Vapor	175	7,650	70
Mercury Vapor	250	10,400	98
Mercury Vapor	400	19,100	156
High Pressure Sodium	100	8,550	42
High Pressure Sodium	250	23,000	105
High Pressure Sodium	400	45,000	165
High Pressure Sodium	1,000	126,000	385
LED Lighting	70	7,700	27
LED Lighting	104	12,400	41
LED Lighting	140	16,300	57
LED Flood Lighting	199	23,000	78

Facility Charge: The books of the Cooperative shall accurately reflect the Cooperative's total investment in facilities for each specific agency receiving service under this tariff. The monthly facility charge for a given agency shall be 1.14 percent of said total investment.

DATE OF ISSUE:

04-01-2021

DATE EFFECTIVE; 05-01-2021

ISSUED BY Julian ~ Julian TITLE: President & Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of KY

in Case No.2019-00008 Dated: 12-26-2019

FORA	LL TERRITORY Community, To	
P.S.C. KY. NO.	•	10
	SHEET NO.	43
	P.S.C. KY. NO.	
5th Revised	SHEET NO	

FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION

RATES AND CHARGES

SCHEDULE OL – OUTDOOR LIGHTING SERVICE

APPLICABLE: In all territory served by the seller.

AVAILABILITY: To individuals, towns, villages and others for controlled single and multiple outdoor lighting from dusk to dawn. Service under this schedule is for a term of not less than one year and is subject to the rules and regulations of the seller as approved by the Kentucky Public Service Commission.

RATE PER FIXTURE:

		Monthly	Monthly Charge
Type of Lamp	<u>Watts</u>	kWh Usage	Per Lamp
Mercury Vapor	175	70	\$ 9.81 (I)
Mercury Vapor	175 Watt, shared	70	\$ 3.27
Mercury Vapor	250	98	\$11.15
Mercury Vapor	400	156	\$16.94
Mercury Vapor	1000	378	\$29.70
Sodium Vapor	100	42	\$10.21
Sodium Vapor	150	63	\$11.89
Sodium Vapor	250	105	\$16.12
Sodium Vapor	400	165	\$20.71
Sodium Vapor	1000	385	\$44.80
LED Lighting	70	27	\$10.15
LED Lighting	104	41	\$15.59
LED Lighting	140	57	\$17.16
LED Flood Lighting	199	78	\$22.01

FUEL ADJUSTMENT CLAUSE: All rates are applicable to the Fuel Adjustment Clause and 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 percent and is based on a twelve-month moving average of such losses. This Fuel Clause is subject to all other applicable provisions as set out in 807 KAR 5:056.

CONDITIONS OF SERVICE:

- 1. Outdoor lighting, including lamps, fixture, other necessary facilities and electric energy, will be furnished by the Cooperative.
- 2. Above service is limited to one existing wood pole per fixture.
- 3. Lamp replacements will be furnished and made by the Cooperative except in cases of vandalism or willful destruction.
- 4. Service required other than the above shall be paid for by the consumer according to the initial cost of such installation.

DATE OF ISSUE: 04-01-2021

DATE EFFECTIVE; 05-01-2021

ISSUED BY

TITLE: President & Chief Executive Officer

	FORALL TERRITORY SERVED
	Community, Town or City
	P.S.C. KY. NO10
EADANDO DUDAY ELECTRIC	4th Revised SHEET NO. 83
RMERS RURAL ELECTRIC OPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 10
	3rd Revised SHEET NO. 83
RATES	S AND CHARGES

RATES AND CHARGES

SCHEDULE RM – RESIDENTIAL OFF-PEAK MARKETING - ETS

<u>APPLICABLE</u>: In all territory served by the seller.

<u>AVAILABILITY</u>: Available to consumers eligible for Schedule R - Residential Service. The electric power and energy furnished under Tariff RM Residential Off-Peak Marketing Rate shall be separately metered for each point of delivery and requires an executed contract between the member and the Cooperative. A sample contract is shown following these tariffs as Appendix D. Other power and energy furnished will be billed under Schedule R.

D A	т	DС	٠
RA	7.1	EЭ	٠

Energy Charge:

\$0.051118 per kWh

(I)

<u>SCHEDULE OF HOURS:</u> This rate is only applicable for the below listed off-peak hours:

MONTHS

OFF-PEAK HOURS - EST

October thru April

12:00 Noon to 5:00 P.M. 10:00 P.M. to 7:00 A.M.

May thru September

10:00 P.M. to 10:00 A.M.

DATE OF ISSUE: <u>04-01-2021</u>

DATE EFFECTIVE: 05-01-2021

TITLE: President & Chief Executive Officer

TITLE: President & Chief Executive Officer

	FORALL TERRITORY SERVED
	Community, Town or City
	P.S.C. KY. NO. 10
EADMEDE DUDAL ELECTRIC	4th Revised SHEET NO. 85
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO. 1.0
	3rd Revised SHEET NO. 85
BATEC A	NIN CHADCES

RATES AND CHARGES

SCHEDULE CM – SMALL COMMERCIAL OFF-PEAK MARKETING - ETS

<u>APPLICABLE</u>: In all territory served by the seller.

AVAILABILITY: Available to commercial consumers whose kilowatt demand is less than 50 kW. The electric power and energy furnished under Tariff CM, Small Commercial Off-Peak Marketing Rate, shall be separately metered for each point of delivery and requires an executed contract between the member and the Cooperative. A sample contract is shown following this tariff as Appendix D. Other power and energy furnished will be billed under Schedule C-1.

RATES:

Energy Charge:

\$0.048171 per kWh

(I)

SCHEDULE OF HOURS: This rate is only applicable for the below listed off-peak hours:

MONTHS

OFF-PEAK HOURS - EST

October thru April

12:00 Noon to 5:00 P.M. 10:00 P.M. to 7:00 A.M.

May thru September

10:00 P.M. to 10:00 A.M.

DATE OF ISSUE: 04-01-2021

DATE EFFECTIVE: 05-01-2021

ISSUED BY JULIAN TOMMEN

TITLE: President & Chief Executive Officer

Case No. 2021-00108 Application – Exhibit 2

Existing & Proposed Rate Comparison

FARMERS RECC Present & Proposed Rates

Rate	1 Residential 3 Residential TOD 20 Net Metering 7 Residential Off-Peak Mktg ETS 4 Commercial & Industrial < 50 KW 8 Small Commercial ETS 5 Commercial & Industrial > 50 KW 10 Large Industrial 14 Large Power Schedule LPC2 15 Large Commercial Optional TOD 36 Large Power Schedule LPE4	Present		Proposed		
1	Residential					-
	<u> </u>	Customer Charge	\$	14.00	\$	14.55
		Energy Charge per kWh	\$	0.084699	\$	0.088029
3	Residential TOD	3, 3-1 -	,		•	
-		Customer Charge	\$	19.65	\$	20.42
		Energy Charge - On Peak per kWh	\$	0.100449	\$	0.104398
		Energy Charge - Off Peak per kWh	\$	0.055920	\$	0.058119
20	Net Metering	Energy Charge Chir Can per NVIII	Ψ	0.000020	Ψ	0.000110
	······································	Customer Charge	\$	14.00	\$	14.55
		Energy Charge per kWh	\$	0.084699	\$	0.088029
7	Residential Off-Peak Mktg ETS	Energy Charge per KVIII	Ψ	0.001000	Ψ	0.000020
,	residential On Feak Wikig ETO	Energy Charge - Off Peak per kWh	\$	0.049187	\$	0.051121
Λ	Commercial & Industrial > 50 KW	Energy Onlarge On Four per KVVII	Ψ	0.040101	Ψ	0.001121
7	Commercial & madstrial < 50 KW	Customer Charge	\$	21.32	\$	22.16
		Energy Charge per kWh	\$	0.079975	\$	0.083119
Q	Small Commercial ETS	Lifergy Charge per KWII	Ψ	0.079973	Ψ	0.003119
O	Sman Commercial E13	Energy Charge per kWh	\$	0.046353	\$	0.048175
5	Commercial & Industrial > 50 KW	Ellergy Charge per kwill	Ψ	0.040333	φ	0.046173
5	Commercial & muustilai > 50 KW	Customer Charge	¢	105.00	\$	109.13
		Customer Charge	\$	105.00		
		Energy Charge per kWh	\$	0.060885	\$	0.063278
40		Demand Charge per kW	\$	7.89	\$	8.20
10	Large Industrial	0	•		•	
		Customer Charge	\$	1,142.46	\$	1,187.37
		Demand Charge per kW	\$	7.89	\$	8.20
		Energy Charge per kWh	\$	0.047432	\$	0.049297
14	Large Power Schedule LPC2		_		_	
		Customer Charge	\$	1,288.00	\$	1,338.63
		Demand Charge per kW	\$	7.77	\$	8.08
		Energy Charge per kWh	\$	0.051666	\$	0.053697
15	<u>Large Commercial Optional TOD</u>					
		Customer Charge		105.00		109.13
		Demand Charge per kW	\$	7.89	\$	8.20
		Energy Charge per kWh	\$	0.060800	\$	0.063190
36	Large Power Schedule LPE4					
		Customer Charge	\$	3,215.00	\$	3,341.39
		Demand Charge per kW	\$	6.62	\$	6.88
		Energy Charge - On Peak per kWh	\$	0.057900	\$	0.060176
		Energy Charge - Off Peak per kWh	\$	0.049474	\$	0.051419
50	TOD Three Phase - Schedule C					
		Customer Charge Single Phase	\$	21.32	\$	22.16
		Customer Charge Three Phase	\$	105.00	\$	109.13
		Energy Charge - On Peak per kWh	\$	0.113760	\$	0.118232
		Energy Charge - Off Peak per kWh	\$	0.055920	\$	0.058118
6	Street Lighting					
		Energy Charge per kWh	\$	0.054760	\$	0.056913
6	Lighting					
		Mercury Vapor 175 Watt	\$	9.44	\$	9.81
		Mercury Vapor 175 Watt (shared)	\$	3.15	\$	3.27
		Mercury Vapor 250 Watt	\$	10.73	\$	11.15
		Mercury Vapor 400 Watt	\$	16.30	\$	16.94
		Mercury Vapor 1000 Watt	\$	28.58	\$	29.70
		Sodium Vapor 100 Watt	\$	9.82	\$	10.21
		Sodium Vapor 150 Watt	\$	11.44	\$	11.89
		Sodium Vapor 250 Watt	\$	15.51	\$	16.12
		Sodium Vapor 400 Watt	\$	19.93	\$	20.71
		Sodium Vapor 1000 Watt	\$	43.11	\$	44.80
		LED Light 70 Watt	\$ \$	9.77	\$	10.15
		LED Light 105 Watt	\$ \$	15.00	\$	15.59
		LED Light 105 Watt	э \$	16.51	φ \$	17.16
			э \$			22.01
		LED Flood Light 199 Watt	Ф	21.18	\$	22.01

FARMERS RECC Present & Proposed Rates

Rate		Item		Present		Proposed
LPC-1	Large Power	0 01	•	4 040 00	•	4.055.04
		Customer Charge	\$	1,016.00	\$	1,055.94
		Demand Charge per kW	\$	7.77	\$	8.08
LPC-3	Large Power	Energy Charge per kWh	\$	0.053661	\$	0.055770
LPC-3	Large Fower	Customer Charge	\$	2,937.00	\$	3,052.45
		Demand Charge per kW	\$	7.77	\$	8.08
		Energy Charge per kWh	\$	0.050170	\$	0.052142
LPC-4	Large Power	Energy energe per kvvn	Ψ	0.000170	Ψ	0.002142
		Customer Charge	\$	3,215.00	\$	3,341.38
		Demand Charge per kW	\$	7.77	\$	8.08
		Energy Charge per kWh	\$	0.047676	\$	0.049550
LPC-5	Large Power	0 1 0	•	4.504.00	•	4.077.00
		Customer Charge	\$	4,501.00	\$	4,677.93
		Demand Charge per kW	\$	7.77	\$	8.08
1 DD 4	Large Davier	Energy Charge per kWh	\$	0.045182	\$	0.046958
LPB-1	Large Power	Customer Charge	\$	1,016.00	\$	1,055.94
				7.77	\$	8.08
		Demand Charge Contract per kW Demand Charge Excess per kW	\$ \$	9.98	Ф \$	10.37
		Energy Charge per kWh	э \$	0.053802	Ф \$	0.055917
LPB-2	Large Power	Ellergy Charge per kwill	φ	0.055602	Φ	0.000917
L. D L	<u>Largo i ower</u>	Customer Charge	\$	1,288.00	\$	1,338.63
		Demand Charge Contract per kW	\$	7.77	\$	8.08
		Demand Charge Excess per kW	\$	9.98	\$	10.37
		Energy Charge per kWh	\$	0.051802	\$	0.053838
LPB-3	Large Power					
		Customer Charge	\$	2,937.00	\$	3,052.45
		Demand Charge Contract per kW	\$	7.77	\$	8.08
		Demand Charge Excess per kW	\$	9.98	\$	10.37
		Energy Charge per kWh	\$	0.050302	\$	0.052279
LPB-4	Large Power	Customer Charge	ф	2 245 00	Φ	2 244 20
		Customer Charge	\$	3,215.00	\$	3,341.38
		Demand Charge Contract per kW	\$	7.77	\$	8.08
		Demand Charge Excess per kW	\$ \$	9.98 0.047802	\$ \$	10.37
LPB-5	Large Power	Energy Charge per kWh	Ф	0.047602	Ф	0.049681
LF D-3	Large Fower	Customer Charge	\$	4,501.00	\$	4,677.93
		Demand Charge Contract per kW	\$	7.77	\$	8.08
		Demand Charge Excess per kW	\$	9.98	\$	10.37
		Energy Charge per kWh	\$	0.045302		0.047083
LPE-1	Large Power	Energy energe per kivii	Ψ	0.010002	Ψ	0.017000
		Customer Charge	\$	1,016.00	\$	1,055.94
		Demand Charge per kW	\$	6.62	\$	6.88
		Energy Charge On Peak per kWh	\$	0.063871	\$	0.066382
		Energy Charge Off Peak per kWh	\$	0.055474	\$	0.057655
LPE-2	<u>Large Power</u>					
		Customer Charge	\$	1,288.00	\$	1,338.63
		Demand Charge per kW	\$	6.62		6.88
		Energy Charge On Peak per kWh	\$	0.061881	\$	0.064314
. DE 0	Large Davier	Energy Charge Off Peak per kWh	\$	0.053474	\$	0.055576
LPE-3	Large Power	Customer Charge	¢	2 027 00	¢	2.052.45
		Customer Charge Demand Charge per kW	\$ \$	2,937.00 6.62	\$ \$	3,052.45 6.88
		Energy Charge On Peak per kWh	э \$	0.060388	э \$	0.062762
		Energy Charge Off Peak per kWh	φ \$	0.051974	\$	0.002702
LPE-5	Large Power	Energy onarge on I ear per kwii	Ψ	0.031314	Ψ	0.004017
_ 3		Customer Charge	\$	4,501.00	\$	4,677.93
		=	\$	6.62		6.88
		Demand Charge per kW	Ψ	0.02	Ψ	0.00
		Energy Charge On Peak per kWh	\$ \$	0.055412		0.057590

Case No. 2021-00108 Application – Exhibit 3

Billing Analysis for Each Rate Class

\$1,802,690

FARMERS RECC Billing Analysis for Pass-Through Rate Increase

Total Revenue Increase Allocated by East Kentucky Power Cooperative:

# Item Code Revenue Share Revenue Share Increase Revenue Share Increase Base % 1 Base Rates 2 Residential 1 \$ 30,137,606 65.72% \$ 30,137,606 65.72% \$ 1,184,759 \$ 31,322,370 65.72% \$ 1,184,763 3.93% 3 Residential TOD 3 \$ 828 0.00% \$ 828 0.00% \$ 33 \$ 861 0.00% \$ 33 3.93% 4 Net Metering 20 \$ 27,258 0.06% \$ 27,258 0.06% \$ 1,072 \$ 28,329 0.06% \$ 1,072 3.93% 5 Residential Off-Peak Mktg ETS 7 \$ 28,403 0.06% \$ 1,117 \$ 29,520 0.06% \$ 1,117 3.93% 6 Commercial & Industrial < 50 KW 4 \$ 2,932,932 6.40% \$ 115,298 \$ 3,048,271 6.40% \$ 115,339 3.93% 7 Small Commercial ETS 8 - 0.00% - 0.00% - -	otal % Rounding 3.64% \$ 4 3.67% 5 (0) 3.76% \$ 0 3.73% 3 0 3.65% 41 0.00% \$ 3.66% (24) 3.69% (10) 3.70% \$
Zeroidential 1 \$ 30,137,606 65.72% \$ 30,137,606 65.72% \$ 1,184,759 \$ 31,322,370 65.72% \$ 1,184,763 3.93% 3 Residential TOD 3 \$ 828 0.00% \$ 828 0.00% \$ 33 \$ 861 0.00% \$ 33 3.93% 4 Net Metering 20 \$ 27,258 0.06% \$ 27,258 0.06% \$ 1,072 \$ 28,329 0.06% \$ 1,072 3.93% 5 Residential Off-Peak Mktg ETS 7 \$ 28,403 0.06% \$ 1,117 \$ 29,520 0.06% \$ 1,117 3.93% 6 Commercial & Industrial < 50 KW 4 \$ 2,932,932 6.40% \$ 2,932,932 6.40% \$ 115,298 \$ 3,048,271 6.40% \$ 115,339 3.93% 7 Small Commercial ETS 8 - 0.00% - - - 0.00% - - 0.00% - - 0.00% - - 0.00% - - 0.00% - 0.00%	3.67% \$ (0) 3.76% \$ 0 3.73% \$ 0 3.65% \$ 41 0.00% \$ - 3.66% \$ (24) 3.69% \$ (10)
3 Residential TOD 3 \$ 828 0.00% \$ 828 0.00% \$ 33 \$ 861 0.00% \$ 33 3.93% 4 Net Metering 20 \$ 27,258 0.06% \$ 27,258 0.06% \$ 1,072 \$ 28,329 0.06% \$ 1,072 3.93% 5 Residential Off-Peak Mktg ETS 7 \$ 28,403 0.06% \$ 28,403 0.06% \$ 1,117 \$ 29,520 0.06% \$ 1,117 3.93% 6 Commercial & Industrial < 50 KW 4 \$ 2,932,932 6.40% \$ 2,932,932 6.40% \$ 115,298 \$ 3,048,271 6.40% \$ 115,339 3.93% 7 Small Commercial ETS 8 \$ - 0.00% \$ - 0.00% \$ - \$ - 0.00% \$ - 0.00%	3.67% \$ (0) 3.76% \$ 0 3.73% \$ 0 3.65% \$ 41 0.00% \$ - 3.66% \$ (24) 3.69% \$ (10)
4 Net Metering 20 \$ 27,258 0.06% \$ 27,258 0.06% \$ 1,072 \$ 28,329 0.06% \$ 1,072 3.93% 5 Residential Off-Peak Mktg ETS 7 \$ 28,403 0.06% \$ 28,403 0.06% \$ 1,117 \$ 29,520 0.06% \$ 1,117 3.93% 6 Commercial & Industrial < 50 KW	3.76% \$ 0 3.73% \$ 0 3.65% \$ 41 0.00% \$ - 3.66% \$ (24) 3.69% \$ (10)
5 Residential Off-Peak Mktg ETS 7 \$ 28,403 0.06% \$ 28,403 0.06% \$ 1,117 \$ 29,520 0.06% \$ 1,117 3.93% 6 Commercial & Industrial < 50 KW	3.73% \$ 0 3.65% \$ 41 0.00% \$ - 3.66% \$ (24) 3.69% \$ (10)
6 Commercial & Industrial < 50 KW 4 \$ 2,932,932 6.40% \$ 2,932,932 6.40% \$ 115,298 \$ 3,048,271 6.40% \$ 115,339 3.93% 7 Small Commercial ETS 8 \$ - 0.00% \$ - 0.00% \$ - \$ - 0.00% \$ - 0.00%	3.65% \$ 41 0.00% \$ - 3.66% \$ (24) 3.69% \$ (10)
7 Small Commercial ETS 8 \$ - 0.00% \$ - 0.00% \$ - 0.00% \$ - 0.00%	0.00% \$ - 3.66% \$ (24) 3.69% \$ (10)
	3.66% \$ (24) 3.69% \$ (10)
0 Commercial Staductrial COLVM E & 4.067.042 40.640/ \$ 4.067.042 40.640/ \$ 404.222 \$ E.0E0.0E0 40.640/ \$ 404.220 \$ 0.020/	3.69% \$ (10)
8 Commercial & Industrial > 50 KW 5 \$ 4,867,043 10.61% \$ 4,867,043 10.61% \$ 191,332 \$ 5,058,350 10.61% \$ 191,308 3.93%	. ,
9 Large Commercial & Industrial w/Pri Disc 9 \$ 1,677,159 3.66% \$ 1,677,159 3.66% \$ 65,932 \$ 1,743,080 3.66% \$ 65,922 3.93%	3.70% \$ 1
10 Large Industrial 10 \$ 3,158,560 6.89% \$ 3,158,560 6.89% \$ 124,168 \$ 3,282,730 6.89% \$ 124,170 3.93%	·
11 Large Power Schedule LPC2 14 \$ 511,132 1.11% \$ 511,132 1.11% \$ 20,093 \$ 531,289 1.11% \$ 20,157 3.94%	3.71% \$ 64
12 Large Commercial Optional TOD 15 \$ 100,738 0.22% \$ 100,738 0.22% \$ 3,960 \$ 104,697 0.22% \$ 3,959 3.93%	3.64% \$ (1)
13 Large Power Schedule LPE4 36 \$ 1,435,919 3.13% \$ 1,435,919 3.13% \$ 56,448 \$ 1,492,355 3.13% \$ 56,437 3.93%	3.69% \$ (12)
14 TOD Three Phase - Schedule C 50 \$ 33,034 0.07% \$ 33,034 0.07% \$ 1,299 \$ 34,332 0.07% \$ 1,299 3.93%	3.64% \$ 0
15 Street Lighting 6 \$ 20,211 0.04% \$ 20,211 0.04% \$ 795 \$ 21,006 0.04% \$ 795 3.93%	2.96% \$ 0
16 Lighting 6 \$ 925,552 2.02% \$ 925,552 2.02% \$ 36,385 \$ 961,775 2.02% \$ 36,223 3.91%	3.91% \$ (162)
17 SubTotal Base Rates \$ 45,856,375 100.00% \$ 45,856,375 100.00% \$ 1,802,690 \$ 47,658,966 100.00% \$ 1,802,591 3.93%	\$ (99)
18	, ,
TOTAL Base Rates \$ 45,856,375 \$ 1 \$ 45,856,375 \$ 1 \$ 1,802,690 \$ 47,658,966 \$ 1 \$ 1,802,591 \$ 0	\$ (99)
20 21 <i>Riders</i>	
21 <u>Riders</u> 22 FAC \$ (1,204,461) \$ (1,204,461)	
23 ES \$ 4,635,547 \$ 4,635,547	
24 Misc Adj \$ 50,953 \$ 50,953	
25 Other \$ - \$ -	
26 Total Riders \$ 3,482,040 \$ 3,482,040	
27 Total Riders \$ 3,462,040 \$ 3,462,040	
28 Total Revenue \$ 49,338,415 \$ 51,141,005 \$ 1,802,591	3.65%
29 Target Revenue \$ 1,802,690	
30 Rate Rounding Variance \$ (99)	
31 Rate Rounding Variance -0.01%	

FARMERS RECC Billing Analysis for Pass-Through Rate Increase

Classification	Code Billing Component	Billing Units	Present Rate	Present Revenue	Target Share	Target Revenue	Proposed Rate	Proposed Revenue	I Increase	:\$%	Proposed Share		Varia
Residential	1												
	Customer Charge	280,696	14.00 \$	3,929,744	13.04%			\$ 4,084,127				0.00%	
	Energy Charge per kWh	309,423,517	0.084699 \$	26,207,862	86.96%			\$ 27,238,243			86.96%	0.00%	
	Total Base Rates		\$		100.00% \$ 3	31,322,366		\$ 31,322,370		3.93%	100.00%	0.00% \$	5 3
	FAC		\$	(744,329)				\$ (744,329)		-			
	ES Misc Adj		\$ \$	3,134,234 50,953				\$ 3,134,234 \$ 50,953		-			
	Other		\$	-				\$ -	Ψ -	-			
	Total Riders		\$	2,440,858				\$ 2,440,858	\$ -		_		
	TOTAL REVENUE		\$	32,578,464				\$ 33,763,227	\$ 1,184,763	3.64%			
	Average	1,102.34	\$	116.06				\$ 120.28	\$ 4.22	2 3.64%	=		
Residential TOD	3												
	Customer Charge	10	19.65 \$	197	23.72%		20.42			3.92%	23.72%	0.00%	
	Energy Charge - On Peak per kWh		0.100449 \$	390	47.08%		0.104398			5 3.93%		0.00%	
	Energy Charge - Off Peak per kWh	1 4,325	0.055920 \$	242	29.20%	861	0.058119			3.93%	29.20%	0.00%	_
	Total Base Rates		\$		100.00% \$	861		\$ 861			100.00%	0.00% \$	5
	FAC ES		\$ \$	(26) 83				\$ (26) \$ 83		-			
	Misc Adj		\$	-				\$ -	\$ -				
	Other		\$	-				\$ -	•				
	Total Riders		\$	57				\$ 57	\$ -	-	_		
	TOTAL REVENUE		\$	886				\$ 918	\$ 33	3.67%			
	Average	820.80	\$	88.57				\$ 91.82	\$ 3.25	5 3.67%	•		
Net Metering	20												
	Customer Charge	237	14.00 \$	3,318	12.17%		14.55			3.93%	12.17%	0.00%	
	Energy Charge per kWh	282,646	0.084699 \$	23,940	87.83%		0.088029			1 3.93%	87.83%	0.00%	
	Total Base Rates		\$		100.00% \$	28,329		\$ 28,329		2 3.93%	100.00%	0.00% \$	5
	FAC		\$	83						-			
	ES Misc Adj		\$ \$	1,190				\$ 1,190 \$ -	\$ - \$ -	-			
	Other		\$	-				\$ -	φ -	-			
	Total Riders		\$	1,273					\$ -	-	_		
	TOTAL REVENUE		\$	28,530				\$ 29,602	\$ 1,072	3.76%			
	Average	1,192.60	\$	120.38				\$ 124.90	\$ 4.52	2 3.76%			
Residential Off-Peak Mktg ETS	7												
	Customer Charge	1,762	- \$	-	0.00%				\$ -	0.00%	0.00%	0.00%	
	Energy Charge - Off Peak per kWh Total Base Rates	577,453	0.049187 \$		100.00% \$	20 520	0.051121			7 3.93%	100.00%	0.00%	
			\$		100.00% \$	29,520		\$ 29,520		3.93%	100.00%	0.00% \$	5
	FAC ES		\$ \$	(1,092) 2,643				\$ (1,092) \$ 2,643		-			
	Misc Adj		\$	-				\$ -	\$ -	-			
	Other		\$	-				\$ -			_		
		·	\$	1,550			-	\$ 1,550	\$ -	-	_		
	Total Riders		•										
	Total Riders TOTAL REVENUE		\$	29,954				\$ 31,070	\$ 1,117	3.73%			

FARMERS RECC Billing Analysis for Pass-Through Rate Increase

#	Classification	Codo	Billing Component	Billing Units	Present Rate	Present Revenue	Target Share	Target Revenue	Proposed Rate	Proposed Revenue		e\$ %	Proposed Share	Share Variance	Rate Variance
50	Commercial & Industrial < 50 KW	4	Billing Component	Billing Office	Rate	Revenue	Silare	Revenue	Nate	Revenue	increas	e \$ /0	Silare	variance	variance
51			Customer Charge	20,931	21.32 \$	446,249	15.22%		22.16	463,831	\$ 17,58	3.94%	15.22%	0.00%	
52			Energy Charge per kWh	31,093,255	0.079975 \$	2,486,683	84.78%		0.083119	2,584,440	\$ 97,75	7 3.93%	84.78%	0.00%	
53			Total Base Rates		\$	2,932,932	100.00% \$	3,048,230	\$	3,048,271	\$ 115,33	9 3.93%	100.00%	0.00% \$	40.82
54			FAC		\$	(77,451)			(-			
55			ES		\$	306,353				306,353		-			
56 57			Misc Adj Other		\$ \$	-			9		\$ -	-			
58			Total Riders		\$	228.902					\$ -	-	_		
59			TOTAL REVENUE		\$	3,161,834			\$	3,277,173	\$ 115,33	9 3.65%	-		
60			Average	1,485.51	\$	151.06			Ç	156.57	\$ 5.5	3.65%	=		
61	Small Commercial ETS	8													
62 63	Small Commercial E15	8	Customer Charge												
64			Energy Charge per kWh	_	0.046353 \$	-	0.00%		0.048175	s -	\$ -	0.00%	0.00%	0.00%	
65			Total Base Rates		\$	-	0.00% \$	-	9		\$ -	0.00%	0.00%	0.00% \$	-
66			FAC		\$	-	\$				\$ -	-			
67			ES		\$	-	•		,		\$ -	-			
68			Misc Adj		\$	-			9	-	\$ -	-			
69			Other		\$	-							=		
70			Total Riders		\$	-			,	-	\$ -	-	-		
71			TOTAL REVENUE		\$	-			9	-	\$ -	0.00%			
72			Average	NA							\$ -				
73															
74 75	Commercial & Industrial > 50 KW	5	Customer Charge	1,208	105.00 \$	126,840	2.61%		109.13	131,829	\$ 4.98	3.93%	2.61%	0.00%	
76			Energy Charge per kWh	54,467,370	0.060885 \$	3,316,246	68.14%				\$ 130,34		68.14%	0.00%	
77			Demand Charge per kW	180,476	7.89 \$	1,423,957	29.26%			1,479,935			29.26%	0.00%	
78			Total Base Rates	·	\$		100.00% \$	5,058,374		5,058,350			100.00%	0.00% \$	(23.94)
79			FAC		\$	(135,956)	•			(135,956)	\$ -	-			<u> </u>
80			ES		\$	495,331				,		-			
81			Misc Adj		\$	-			(\$ -	-			
82			Other		\$	-			9	•			_		
83			Total Riders		\$	359,375				359,375		-	-		
84			TOTAL REVENUE		\$	5,226,418			\$	5,417,725	\$ 191,30	8 3.66%	_		
85				45,088.88		4,326.50				4,484.87	158.	37	=		
86 87	Large Commercial & Industrial w/Pr	9													
88	Rate 5 w/ Primary Discount	3	Customer Charge	48	105.00 \$	5,040	0.30%		109.13	5,238	\$ 19	8 3.93%	0.30%	0.00%	
89	, , , , , , , , , , , , , , , , , , , ,		Demand Charge per kW	56,627	7.10 \$	402,111	23.98%		7.38				23.98%	0.00%	
90			Energy Charge per kWh	23,176,800	0.054797 \$	1,270,008	75.72%		0.056950	1,319,923	\$ 49,9	6 3.93%	75.72%	0.00%	
91			Total Base Rates		\$	1,677,159	100.00% \$	1,743,091	\$	1,743,080	\$ 65,92	2 3.93%	100.00%	0.00% \$	(10.11)
92			FAC		\$	(55,924)			((55,924)	\$ -	-			
93			ES		\$	167,381				167,381		-			
94			Misc Adj		\$	-			9		\$ -	-			
95 96			Other Total Riders		\$ \$	111,457			9	,	\$ -		-		
			-										-		
97			TOTAL REVENUE		\$	1,788,615			\$	1,854,537	\$ 65,92	2 3.69%	_		
98 99			Average	482,850.00	\$	37,262.82				38,636.19	\$ 1,373.3	3.69%			
99															

FARMERS RECC Billing Analysis for Pass-Through Rate Increase

#	Classification		Billing Component	Billing Units	Present Rate	Present Revenue	•	Target Revenue	Proposed Rate	Proposed Revenue	Increase \$	s %	Proposed Share	Share Variance	Rate Variance
100 101	Large Industrial	10	Customer Charge	12	1.142.46 \$	13.710	0.43%		1,187.37	\$ 14.248 \$	E20	3.93%	0.43%	0.00%	
102			Demand Charge per kW	100,534	7.89 \$	793,210	25.11%		8.20				25.11%	0.00%	
103			Energy Charge per kWh	49,579,200	0.047432 \$	2,351,641	74.45%			\$ 2,444,106			74.45%	0.00%	
			Total Base Rates	49,579,200				0.000.700						0.00% \$	4.04
104					\$		100.00% \$	3,282,728		3,282,730 \$		3.93%	100.00%	0.00% \$	1.31
105			FAC ES		\$	(118,962) 312,758				\$ (118,962) \$ \$ 312,758 \$		-			
106 107					\$ \$	312,758				\$ 312,758 \$ \$ - 9		-			
107			Misc Adj Other		\$	-				ъ •	-	-			
109			Total Riders		<u>\$</u>	193,796				\$ 193,796 \$			-		
			-		*							0.700/	-		
110			TOTAL REVENUE		\$	3,352,356				3,476,526 \$	124,170	3.70%	_		
111				8,377.80		279,363.04				289,710.50	10,347.46		_		
112															
113	Large Power Schedule LPC2	14													
114			Customer Charge	12	1,288.00 \$	15,456	3.02%		1,338.63			3.93%	3.02%	0.00%	
115			Demand Charge per kW	14,114	7.77 \$	109,669	21.46%		8.08			3.99%	21.47%	0.01%	
116			Energy Charge per kWh	7,471,200	0.051666 \$	386,007	75.52%		0.053697			3.93%	75.51%	-0.01%	
117			Total Base Rates		\$	511,132	100.00% \$	531,225	(531,289 \$	20,157	3.94%	100.00%	0.00% \$	63.59
118			FAC		\$	(17,989)				\$ (17,989) \$; -	-			
119			ES		\$	50,886				\$ 50,886 \$		-			
120			Prepay Daily Charges		\$	-				\$ - \$	-	-			
121			Other		\$	-				7		-	_		
122			Total Riders		\$	32,897				\$ 32,897 \$	-	-	_		
123			TOTAL REVENUE		\$	544,029				564,186 \$	20,157	3.71%			
124			Average	622,600.00	\$	45,335.73				\$ 47,015.48	1,679.75	3.71%	=		
125 126	Large Commercial Optional TOD	15													
127	Large commercial optional 102	10	Customer Charge	48	105.00 \$	5,040	5.00%		109.13	\$ 5,238 \$	198	3.93%	5.00%	0.00%	
128			Demand Charge per kW	5,187	7.89 \$	40,929	40.63%		8.20			3.93%	40.63%	0.00%	
129			Energy Charge per kWh	900,800	0.060800 \$	54,769	54.37%		0.063190			3.93%	54.37%	0.00%	
130			Total Base Rates	000,000	\$	100,738	100.00% \$	104,698		104,697 \$		3.93%	100.00%	0.00% \$	(0.90)
131			FAC		\$	(1,888)				\$ (1,888) \$; -	-			
132			ES		\$	9,894				\$ 9,894	; -	-			
133			Misc Adj		\$					\$ - \$	-	-			
134			Other		\$	-				\$ -					
135			Total Riders		\$	8,006				\$ 8,006 \$; -	-	_		
136			TOTAL REVENUE		\$	108,744				112,703 \$	3,959	3.64%			
137			Average	18,766.67	\$	2,265.49				\$ 2,347.98 \$	82.48	3.64%	=		
138			3 -	,	*	,				. ,	7				

FARMERS RECC Billing Analysis for Pass-Through Rate Increase

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Large Power Schedule LPE4	#	Classification	Code	e Billing Component	Billing Units	Present Rate	Present Revenue	•	Target Revenue	Proposed Rate	Proposed Revenue		\$ %	Proposed Share	Share Variance	Rate Variance
Customer Charge Customer C	139			2 Billing Component	Dining Onits	Ruic	Revenue	Onarc	Revenue	Rute	Revenue	morcusc	Ψ /0	Onarc	varianioc	Variation
Energy Charge O Peak per kWh 0,335,718 0,06790 \$ 540,538 37,64% 0,06118 \$ 561,768 \$ 2 12.48 3.39% 37,64% 0,0076 \$ 6,007	140	g		Customer Charge	12	3,215.00 \$	38,580	2.69%		3,341.39	40,097	\$ 1,517	3.93%	2.69%	0.00%	
	141			Demand Charge per kW	47,377	6.62 \$	313,638	21.84%		6.88	325,957	\$ 12,318	3.93%	21.84%	0.00%	
Total Base Rates S	142			Energy Charge - On Peak per kWh	9,335,718	0.057900 \$	540,538	37.64%		0.060176	561,786	\$ 21,248	3.93%	37.64%	0.00%	
FAC S (48,260) S (49,260) S (40,260) S (40,2	143			Energy Charge - Off Peak per kWh	10,978,742	0.049474 \$	543,162	37.83%		0.051419	564,516	\$ 21,354	3.93%	37.83%	0.00%	
BS	144			Total Base Rates		\$	1,435,919	100.00% \$	1,492,367	\$	1,492,355	\$ 56,437	3.93%	100.00%	0.00% \$	(11.79)
Misc Adj S	145			FAC		\$	(49,260)			((49,260)	\$ -	-			
Chief Chie	146			ES		\$	143,809			5	143,809	\$ -	-			
Total Rickers \$ 94,549 \$ 94,549 \$ 0.00% \$ 56,437 \$ 5,00% \$ 5,647 \$ 5,00% \$ 5,0	147			Misc Adj		\$	-			5	-	\$ -	-			
TOTAL REVENUE \$ 1,530,467 \$ 1,586,894 \$ 56,437 3,69%	148			Other			-			(_		
Average	149			Total Riders		\$	94,549			(94,549	\$ -	-	<u>-</u>		
TOD Three Phase - Schedule C	150			TOTAL REVENUE		\$	1,530,467			\$	1,586,904	\$ 56,437	3.69%			
TOD Three Phase - Schedule C Customer Charge Single Phase	151			Average	1,692,871.67	\$	127,538.96			Ç	\$ 132,242.00	\$ 4,703.05	3.69%	•		
Customer Charge Tiree Phase 60 105.00 \$ 6,300 19.07% 109.13 \$ 6,548 \$ 248 3.93% 19.07% 0.00% Energy Charge - On Peak per kWh 98,908 0.055920 \$ 21,203 64.19% 0.018223 22,036 \$ 834 3.93% 64.19% 0.00% For Energy Charge - Off Peak per kWh 98,908 0.055920 \$ 5,531 107.7% 0.058118 \$ 5,748 \$ 217 3.93% 16.74% 0.00% For Energy Charge - Off Peak per kWh 98,908 0.055920 \$ 5,531 107.7% 0.058118 \$ 5,748 \$ 217 3.93% 16.74% 0.00% FAC	153	TOD Three Phase - Schedule C	50													
Energy Charge - On Peak per kWh 186,382 0.113760 \$ 21,203 64.19% 0.118232 \$ 2,2036 \$ 8.34 3.33% 64.19% 0.00% 5.551 6.74% 0.058118 \$ 5,748 \$ 217 3.93% 16.74% 0.00% 5.551 6.74% 0.058118 \$ 5,748 \$ 217 3.93% 16.74% 0.00% 5.008 5.551 6.74% 0.058118 \$ 5,748 \$ 217 3.93% 16.74% 0.00% 5.008 5.551 6.74% 0.058118 \$ 5,748 \$ 217 3.93% 16.74% 0.00% 5.008 5.551 6.74% 0.058118 \$ 5,748 \$ 217 3.93% 16.74% 0.00% 5.008 5.551 6.74% 0.00% 5.008 5.551 6.74% 0.00% 5.008 5.551 6.74% 0.008 5.0	154				-	21.32 \$	-	0.00%		22.16	-	\$ -	0.00%	0.00%	0.00%	
Energy Charge - Off Peak per kWh 98.908 0.055920 \$ 5.531 16.74% 0.068118 \$ 5.748 \$ 2.17 3.93% 16.74% 0.000% Total Base Rates \$ 3.003 10.000% 3.4.332 \$ 34.332 \$ 3.032 \$ 1.29 3.93% 100.00% 0.00% 0.00% FAC \$ \$ (760) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	155				60	105.00 \$	6,300	19.07%						19.07%	0.00%	
Total Base Rates \$ 33,034 100.00% \$ 34,332 \$ 34,332 \$ 1,299 3.93% 100.00% 0.00% \$ 0.095 FAC	156				186,382	0.113760 \$	21,203	64.19%		0.118232	22,036	\$ 834	3.93%	64.19%	0.00%	
FAC \$ \$ 3,401 \$	157			Energy Charge - Off Peak per kWh	98,908	0.055920 \$	5,531	16.74%		0.058118	5,748	\$ 217	3.93%	16.74%	0.00%	
ES \$ 3,401 \$ 5 - 5 5 5 5 5 5 5 5 5	158			Total Base Rates		\$	33,034	100.00% \$	34,332	\$	34,332	\$ 1,299	3.93%	100.00%	0.00% \$	0.09
Misc Adj \$ -	159					\$	(760)			(\$ -	-			
Other S	160			ES			3,401				3,401	\$ -	-			
Total Riders \$ 2,640 \$ 2,640 \$	161						-					\$ -	-			
TOTAL REVENUE \$ 35,674 \$ 36,973 \$ 1,299 3.64% Average 4,754.83 \$ 594.57 \$ 616.21 \$ 21.65 3.64% Street Lighting 6 Customer Charge	162													=		
Average 4,754.83 \$ 594.57 \$ 616.21 \$ 21.65 3.64% Street Lighting 6 Customer Charge	163			Total Riders		\$	2,640			(2,640	\$ -	-	_		
Street Lighting Customer Charge Series Customer Charge Series Se	164			TOTAL REVENUE		\$	35,674			\$	36,973	\$ 1,299	3.64%			
67 Street Lighting 68 Customer Charge Energy Charge per kWh 369,082 0.054760 \$ 20,211 100.00% 0.056913 \$ 21,006 \$ 795 3.93% 100.00% 0.00% Total Base Rates FAC S (906) S (906) \$ ES Misc Adj Other S 7,586 S 7,5	165			Average	4,754.83	\$	594.57			Ş	616.21	\$ 21.65	3.64%	=		
Energy Charge per kWh 369,082 0.054760 20,211 100.00% 0.056913 21,006 795 3.93% 100.00% 0.00% 70 Total Base Rates \$ 20,211 100.00% 21,005 \$ 21,006 \$ 795 3.93% 100.00% 0.00% 0.010 71 FAC \$ (906) \$ (906) \$ -	167	Street Lighting	6													
Total Base Rates \$ 20,211 100.00% \$ 21,005 \$ 21,006 \$ 795 3.93% 100.00% 0.00% \$ 0.10 FAC \$ (906) \$ ES \$ 7,586 \$ Misc Adj \$ Other \$ Total Riders \$ 6,680 \$ TOTAL REVENUE \$ 26,891 \$ 27,685 \$ 795 2.96%	168			Customer Charge		- \$	-	0.00%		- 5	-	\$ -	0.00%	0.00%	0.00%	
FAC \$ (906) \$ (906) \$ ES \$ 7,586 \$ 7,586 \$ Misc Adj \$ - \$ - Other \$ - \$ - Total Riders \$ 6,680 \$ TOTAL REVENUE \$ 26,891 \$ 27,685 \$ 795 2.96%	169			Energy Charge per kWh	369,082	0.054760 \$	20,211	100.00%		0.056913	21,006	\$ 795	3.93%	100.00%	0.00%	
72 ES \$ 7,586 \$ 7,586 \$ 73 Misc Adj \$ - \$ - 74 Other \$ - \$ - 75 Total Riders \$ 6,680 \$ 76 TOTAL REVENUE \$ 26,891 \$ 27,685 \$ 795 2.96%	170			Total Base Rates		\$	20,211	100.00% \$	21,005	9	21,006	\$ 795	3.93%	100.00%	0.00% \$	0.10
73	171			FAC		\$	(906)			((906)	\$ -				
74 Other \$ - \$ - \$ - 75 Total Riders \$ 6,680 \$ 6,680 \$ 76 TOTAL REVENUE \$ 26,891 \$ 27,685 \$ 795 2,96% 77	172			ES		\$	7,586				7,586	\$ -	-			
75 Total Riders \$ 6,680 \$ 76 TOTAL REVENUE \$ 26,891 \$ 27,685 \$ 795 2.96% 77 369,082	173					\$							-			
TOTAL REVENUE \$ 26,891 \$ 27,685 \$ 795 2.96% 77 369,082	174			Other		\$	-			9	-					
77 369,082	175			Total Riders		\$	6,680			(6,680	\$ -	-	-		
	176			TOTAL REVENUE		\$	26,891			\$	27,685	\$ 795	2.96%			
	177				369,082			_	_		-	_	_	=		

FARMERS RECC Billing Analysis for Pass-Through Rate Increase

#		ode Billing Component	Billing Units	Present Rate	Present Revenue	Target Share	Target Revenue	Proposed Rate	Propose Revenu		se\$ %	Proposed Share	Share Variance	Rate Variance
179	Lighting	6												
180		Mercury Vapor 175 Watt	43,665	9.44 \$	412,198	44.54%		9.81			56 3.92%	44.54%	0.00%	
181 182		Mercury Vapor 175 Watt (shared) Mercury Vapor 250 Watt	- 388	3.15 \$ 10.73 \$	- 4,163	0.00% 0.45%		3.27 S		\$ - \$ 1	0.00% 63 3.91%	0.00% 0.45%	0.00% 0.00%	
183		Mercury Vapor 400 Watt	423	16.30 \$	6,895	0.74%		16.94			71 3.93%	0.75%	0.00%	
184		Mercury Vapor 1000 Watt	-	28.58 \$	0,033	0.00%		29.70		\$ -	0.00%	0.00%	0.00%	
185		Sodium Vapor 100 Watt	8,818	9.82 \$	86,593	9.36%		10.21		\$ 3,4		9.36%	0.01%	
186		Sodium Vapor 150 Watt	126	11.44 \$	1,441	0.16%		11.89			57 3.93%	0.16%	0.00%	
187		Sodium Vapor 250 Watt	342	15.51 \$	5,304	0.57%		16.12	5,513	\$ 2	09 3.93%	0.57%	0.00%	
188		Sodium Vapor 400 Watt	2,024	19.93 \$	40,338	4.36%		20.71				4.36%	0.00%	
189		Sodium Vapor 1000 Watt	-	43.11 \$	-	0.00%		44.80		\$ -	0.00%	0.00%	0.00%	
190		LED Light 70 Watt	34,038	9.77 \$	332,551	35.93%		10.15		\$ 12,9		35.92%	-0.01%	
191		LED Light 105 Watt	442	15.00 \$	6,630	0.72%		15.59			61 3.93%	0.72%	0.00%	
192		LED Light 145 Watt	336	16.51 \$	5,547	0.60%		17.16			18 3.94%	0.60%	0.00%	
193 194		LED Flood Light 199 Watt Total Base Rates	1,128	21.18 \$	23,891 925,552	2.58%	961,937	22.01			36 3.92% 23 3.91%	2.58%	0.00%	(162.34)
195		FAC		\$	923,332	100.0076 ψ	901,937		\$ -	\$ 50,2.		100.0076	0.0070 ψ	(102.54)
196		ES		\$	-				š -	\$ -				
197		Misc Adj		\$	-			,	\$ -	\$ -	-			
198		Other										_		
199		Total Riders		\$	-			Ç	-	\$ -	-	-		
200		TOTAL REVENUE		\$	925,552			\$	961,775	\$ 36,22	23 3.91%			
201												•		
202														
203												_		
204	TOTALS	Total Base Rates		\$	45,856,375			\$	47,658,966	\$ 1,802,59	91 3.93%			
205		FAC		\$	(1,204,461)			(\$ (1,204,461)	\$ -		-		
206		ES		\$	4,635,547			,	\$ 4,635,547	\$ -				
207		Misc Adj		\$	50,953				\$ 50,953	\$ -				
208		Other		\$	-				\$ -	\$ -		_		
209		Total Riders		\$	3,482,040			,	\$ 3,482,040	\$ -		=		
210		TOTAL REVENUE		\$	49,338,415			\$	51,141,005	\$ 1,802,59	91 3.65%			
211 212		Rate Rounding Variance								\$ (99)			
213		3								,	,			
214 215	RATES WITH NO CURRENT MEMBER	RS												
216	Large Power LP	PC-1												
217	<u>J</u>	Customer Charge		1,016.00				1,055.94						
218		Demand Charge per kW		7.77				8.08						
219		Energy Charge per kWh		0.053661				0.055770						
220	Large Power LP	PC-3												
221		Customer Charge		2,937.00				3,052.45						
222		Demand Charge per kW		7.77				8.08						
223		Energy Charge per kWh		0.050170				0.052142						
224	Large Power LP	PC-4		0.045.00				0.044.00						
225		Customer Charge		3,215.00				3,341.38						
226 227		Demand Charge per kW Energy Charge per kWh		7.77 0.047676				8.08 0.049550						
227	Large Power LP	PC-5		0.047070				0.049000						
229	Largo i Ower LF	Customer Charge		4,501.00				4,677.93						
230		Demand Charge per kW		7.77				8.08						
231		Energy Charge per kWh		0.045182				0.046958						

FARMERS RECC Billing Analysis for Pass-Through Rate Increase

#	Classification	Code Billing Component	Billing Units	Present Rate	Present Revenue	Target Share	Target Revenue	Proposed Rate	Proposed Revenue	Increase \$	%	Proposed Share	Share Variance	Rate Variance
232	Large Power	LPB-1												
233		Customer Charge		1,016.00				1,055.94						
234		Demand Charge Contract per kW		7.77				8.08						
235		Demand Charge Excess per kW		9.98				10.37						
236		Energy Charge per kWh		0.053802				0.055917						
237	Large Power	LPB-2												
238		Customer Charge		1,288.00				1,338.63						
239		Demand Charge Contract per kW		7.77				8.08						
240		Demand Charge Excess per kW		9.98				10.37						
241		Energy Charge per kWh		0.051802				0.053838						
242	Large Power	LPB-3												
243		Customer Charge		2,937.00				3,052.45						
244		Demand Charge Contract per kW		7.77				8.08						
245		Demand Charge Excess per kW		9.98				10.37						
246		Energy Charge per kWh		0.050302				0.052279						
247	Large Power	LPB-4												
248	3	Customer Charge		3,215.00				3,341.38						
249		Demand Charge Contract per kW		7.77				8.08						
250		Demand Charge Excess per kW		9.98				10.37						
251		Energy Charge per kWh		0.047802				0.049681						
252	Large Power	LPB-5												
253	zargo i owo.	Customer Charge		4,501.00				4,677.93						
254		Demand Charge Contract per kW		7.77				8.08						
255		Demand Charge Excess per kW		9.98				10.37						
256		Energy Charge per kWh		0.045302				0.047083						
257	Large Power	LPE-1												
258	zargo i owo.	Customer Charge		1,016.00				1,055.94						
259		Demand Charge per kW		6.62				6.88						
260		Energy Charge On Peak per kWh		0.063871				0.066382						
261		Energy Charge Off Peak per kWh		0.055474				0.057655						
262	Large Power	LPE-2		0.000474				0.007 000						
263	Large i owei	Customer Charge		1,288.00				1,338.63						
264		Demand Charge per kW		6.62				6.88						
265		Energy Charge On Peak per kWh		0.061881				0.064314						
		Energy Charge Off Peak per kWh		0.053474				0.055576						
266 267	Lorge Dower	LPE-3		0.055474				0.055576						
268	Large Power	Customer Charge		2,937.00				3,052.45						
269		Demand Charge per kW		6.62				6.88						
270		Energy Charge On Peak per kWh		0.060388				0.062762						
271		Energy Charge Off Peak per kWh		0.051974				0.054017						
272	Large Power	LPE-5		4 504 00				4.077.00						
273		Customer Charge		4,501.00				4,677.93						
274		Demand Charge per kW		6.62				6.88						
275		Energy Charge On Peak per kWh		0.055412				0.057590						
276		Energy Charge Off Peak per kWh		0.046974				0.048821						

Case No. 2021-00108 Application – Exhibit 4

Certificate of Service to The Attorney General

Exhibit 4 Statement of Service to the Attorney General

Pursuant to 807 KAR 5:007, Sections 1(6) and Section 2(2), the undersigned does hereby certify that a complete copy of this filing has been mailed to the Kentucky Attorney General's Office of Rate Intervention and an electronic copy was also sent to rateintervention@ag.ky.gov on this 1st day of April 2021.

David S. Samford

Counsel for Farmers Rural Electric Cooperative Corporation

Case No. 2021-00108 <u>Application – Exhibit 5</u>

Customer Notice

NOTICE

In accordance with the requirements of the Public Service Commission ("Commission") as set forth in 807 KAR 5:001, Section 17 and 807 KAR 5:007, Section 3, of the Rules and Regulations of the Commission, notice is hereby given to the member consumers of Farmers Rural Electric Cooperative Corporation ("Farmers RECC") of a proposed rate adjustment. Farmers RECC intends to propose an adjustment of its existing rates to reflect the wholesale rate adjustment of its wholesale supplier, East Kentucky Power Cooperative, Inc., pursuant to KRS 278.455(2), by filing an application with the Commission on April 1, 2021, in Case No. 2021-00108. The application will request that the proposed rates become effective May 1, 2021. The present and proposed rates for each customer classification to which the proposed rates will apply are set forth below:

Rate		Item	Present	Proposed
1	Residential			
		Customer Charge	\$ 14.00	\$ 14.55
		Energy Charge per kWh	\$ 0.084699	\$ 0.088025
3	Residential TOD			
		Customer Charge	\$ 19.65	\$ 20.42
		Energy Charge - On Peak per kWh	\$ 0.100449	\$ 0.104393
		Energy Charge - Off Peak per kWh	\$ 0.055920	\$ 0.058116
20	Net Metering			
		Customer Charge	\$ 14.00	\$ 14.55
		Energy Charge per kWh	\$ 0.084699	\$ 0.088025
7	Residential Off-Peak Mktg ETS			
		Energy Charge - Off Peak per kWh	\$ 0.049187	\$ 0.051118
4	Commercial & Industrial < 50 KW			
		Customer Charge	\$ 21.32	\$ 22.16
		Energy Charge per kWh	\$ 0.079975	\$ 0.083115
8	Small Commercial ETS			
		Energy Charge per kWh	\$ 0.046353	\$ 0.048171
5	Commercial & Industrial > 50 KW			
		Customer Charge	\$ 105.00	\$ 109.12
		Energy Charge per kWh	\$ 0.060885	\$ 0.063276
		Demand Charge per kW	\$ 7.89	\$ 8.20
10	Large Industrial			
		Customer Charge	\$ 1,142.46	\$ 1,187.32
		Demand Charge per kW	\$ 7.89	\$ 8.20
		Energy Charge per kWh	\$ 0.047432	\$ 0.049295
14	Large Power Schedule LPC2			
		Customer Charge	\$ 1,288.00	\$ 1,338.58
		Demand Charge per kW	\$ 7.77	\$ 8.08
		Energy Charge per kWh	\$ 0.051666	\$ 0.053695
15	Large Commercial Optional TOD			
		Customer Charge	105.00	109.12
		Demand Charge per kW	\$ 7.89	\$ 8.20
		Energy Charge per kWh	\$ 0.060800	\$ 0.063187
36	Large Power Schedule LPE4			
		Customer Charge	\$ 3,215.00	\$ 3,341.25
		Demand Charge per kW	\$ 6.62	\$ 6.88

		Energy Charge - On Peak per kWh	\$	0.057900	\$	0.060174
		Energy Charge - Off Peak per kWh	\$	0.049474	\$	0.051417
50	TOD Three Phase - Schedule C					
		Customer Charge Single Phase	\$	21.32	\$	22.16
		Customer Charge Three Phase	\$	105.00	\$	109.12
		Energy Charge - On Peak per kWh	\$	0.113760	\$	0.118227
		Energy Charge - Off Peak per kWh	\$	0.055920	\$	0.058116
6	Street Lighting					
		Energy Charge per kWh	\$	0.054760	\$	0.056910
6	Lighting					
		Mercury Vapor 175 Watt	\$	9.44	\$	9.81
		Mercury Vapor 175 Watt (shared)	\$	3.15	\$	3.27
		Mercury Vapor 250 Watt	\$	10.73	\$	11.15
		Mercury Vapor 400 Watt	\$	16.30	\$	16.94
		Mercury Vapor 1000 Watt	\$	28.58	\$	29.70
		Sodium Vapor 100 Watt	\$	9.82	\$	10.21
		Sodium Vapor 150 Watt	\$	11.44	\$	11.89
		Sodium Vapor 250 Watt	\$	15.51	\$	16.12
		Sodium Vapor 400 Watt	\$	19.93	\$	20.71
		Sodium Vapor 1000 Watt	\$	43.11	\$	44.80
		LED Light 70 Watt	\$	9.77	\$	10.15
		LED Light 105 Watt	\$	15.00	\$	15.59
		LED Light 145 Watt	\$	16.51	\$	17.16
		LED Flood Light 199 Watt	\$	21.18	\$	22.01
LPC-1	Large Power					
		Customer Charge	\$	1,016.00	\$	1,055.85
		Demand Charge per kW	\$	7.77	\$	8.08
		Energy Charge per kWh	\$	0.053661	\$	0.055766
LPC-3	Large Power					
		Customer Charge	\$	2,937.00	\$	3,052.21
		Demand Charge per kW	\$	7.77	\$	8.08
		Energy Charge per kWh	\$	0.050170	\$	0.052138
LPC-4	Large Power					
	-	Customer Charge	\$	3,215.00	\$	3,341.12
		Demand Charge per kW	\$	7.77	\$	8.08
		Energy Charge per kWh	\$	0.047676	\$	0.049546
LPC-5	Large Power					
	-	Customer Charge	\$	4,501.00	\$	4,677.56
		Demand Charge per kW	\$	7.77	\$	8.08
		Energy Charge per kWh	\$	0.045182	\$	0.046954
LPB-1	Large Power					
	-	Customer Charge	\$	1,016.00	\$	1,055.85
		Demand Charge Contract per kW	\$	7.77	\$	8.08
	<u> </u>	Demand Charge Excess per kW	\$	9.98	\$	10.37
			1 7		1 '	
		• .	\$	0.053802	\$	0.055913
LPB-2	Large Power	Energy Charge per kWh	\$	0.053802	\$	0.055913
LPB-2	Large Power	Energy Charge per kWh	\$		\$	
LPB-2	Large Power	• .		0.053802 1,288.00 7.77		0.055913 1,338.52 8.08

		Energy Charge per kWh	\$ 0.051802	\$ 0.053834
LPB-3	<u>Large Power</u>			
		Customer Charge	\$ 2,937.00	\$ 3,052.21
		Demand Charge Contract per kW	\$ 7.77	\$ 8.08
		Demand Charge Excess per kW	\$ 9.98	\$ 10.37
		Energy Charge per kWh	\$ 0.050302	\$ 0.052275
LPB-4	Large Power			
		Customer Charge	\$ 3,215.00	\$ 3,341.12
		Demand Charge Contract per kW	\$ 7.77	\$ 8.08
		Demand Charge Excess per kW	\$ 9.98	\$ 10.37
		Energy Charge per kWh	\$ 0.047802	\$ 0.049677
LPB-5	<u>Large Power</u>			
		Customer Charge	\$ 4,501.00	\$ 4,677.56
		Demand Charge Contract per kW	\$ 7.77	\$ 8.08
		Demand Charge Excess per kW	\$ 9.98	\$ 10.37
		Energy Charge per kWh	\$ 0.045302	\$ 0.047079
LPE-1	<u>Large Power</u>			
		Customer Charge	\$ 1,016.00	\$ 1,055.85
		Demand Charge per kW	\$ 6.62	\$ 6.88
		Energy Charge On Peak per kWh	\$ 0.063871	\$ 0.066376
		Energy Charge Off Peak per kWh	\$ 0.055474	\$ 0.057650
LPE-2	Large Power			
		Customer Charge	\$ 1,288.00	\$ 1,338.52
		Demand Charge per kW	\$ 6.62	\$ 6.88
		Energy Charge On Peak per kWh	\$ 0.061881	\$ 0.064308
		Energy Charge Off Peak per kWh	\$ 0.053474	\$ 0.055572
LPE-3	Large Power			
		Customer Charge	\$ 2,937.00	\$ 3,052.21
		Demand Charge per kW	\$ 6.62	\$ 6.88
		Energy Charge On Peak per kWh	\$ 0.060388	\$ 0.062757
		Energy Charge Off Peak per kWh	\$ 0.051974	\$ 0.054013
LPE-5	<u>Large Power</u>			
		Customer Charge	\$ 4,501.00	\$ 4,677.56
		Demand Charge per kW	\$ 6.62	\$ 6.88
		Energy Charge On Peak per kWh	\$ 0.055412	\$ 0.057586
		Energy Charge Off Peak per kWh	\$ 0.046974	\$ 0.048817

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

		Increase	
Rate Class		Dollars	Percent
1	Residential	\$ 1,183,525	3.64%
3	Residential TOD	\$ 33	3.67%
20	Net Metering	\$ 1,070	3.75%
7	Residential Off-Peak Mktg ETS	\$ 1,115	3.72%
4	Commercial & Industrial < 50 KW	\$ 115,215	3.64%
8	Small Commercial ETS	\$ -	0.00%
5	Commercial & Industrial > 50 KW	\$ 191,124	3.66%

9	Large Commercial & Industrial w/Pri Disc	\$ 65,862	3.68%
10	Large Industrial	\$ 124,070	3.70%
14	Large Power Schedule LPC2	\$ 20,141	3.70%
15	Large Commercial Optional TOD	\$ 3,956	3.64%
36	Large Power Schedule LPE4	\$ 56,394	3.68%
50	TOD Three Phase - Schedule C	\$ 1,297	3.64%
6	Street Lighting	\$ 794	2.95%
6	Lighting	\$ 36,223	3.91%

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:

		Average	Increase	2
Rate Class		Usage (kWh)	Dollars	Percent
1	Residential	1,102	\$ 4.22	3.64%
3	Residential TOD	821	\$ 3.25	3.67%
20	Net Metering	1,193	\$ 4.52	3.75%
7	Residential Off-Peak Mktg ETS	328	\$ 0.63	3.72%
4	Commercial & Industrial < 50 KW	1,486	\$ 5.50	3.64%
8	Small Commercial ETS	-	\$ -	0.00%
5	Commercial & Industrial > 50 KW	45,089	\$ 158.22	3.66%
9	Large Commercial & Industrial w/Pri Disc	482,850	\$ 1,372.13	3.68%
10	Large Industrial	8,378	\$ 10,339.15	3.70%
14	Large Power Schedule LPC2	622,600	\$ 1,678.46	3.70%
15	Large Commercial Optional TOD	18,767	\$ 82.42	3.64%
36	Large Power Schedule LPE4	1,692,872	\$ 4,699.52	3.68%
50	TOD Three Phase - Schedule C	4,755	\$ 0.04	3.64%
6	Street Lighting	369,082	NA	2.95%
6	Lighting	NA	NA	3.91%

A person may examine the application and any related documents Farmers RECC has filed with the PSC at the utility's principal office, located at:

Farmers Rural Electric Cooperative Corporation 504 South Broadway Glasgow, Kentucky 42141 (270) 651-2191 https://farmersrecc.com

A person may also examine the application: (i) at the Commission's offices located at 211 Sower Boulevard, Frankfort, Kentucky 40601, Monday through Friday, 8:00 a.m. to 4:30 p.m.; or (ii) through the Commission's website at http://psc.ky.gov. Comments regarding the application may be submitted to the 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 Farmers RECC, but the Commission may order rates to be charged that differ from the proposed rates contained in this notice. A person

may submit a timely written request for intervention to the Commission at Post Office Box 615, Frankfort, Kentucky 40602, establishing the grounds for the request including the status and interest of the party. If the Commission does not receive a written request for intervention within thirty (30) days of initial publication or mailing of the notice, the Commission may take final action on the application.

Case No. 2021-00108 Application – Exhibit 6

Testimony of John Wolfram Catalyst Consulting, LLC

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY

OF

JOHN WOLFRAM PRINCIPAL OF CATALYST CONSULTING, LLC

ON BEHALF OF

BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION BLUE GRASS ENERGY COOPERATIVE CORPORATION CLARK ENERGY COOPERATIVE, INC. CUMBERLAND VALLEY ELECTRIC INC. FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION FLEMING-MASON ENERGY COOPERATIVE, INC. GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION INTER-COUNTY ENERGY COOPERATIVE CORPORATION JACKSON ENERGY COOPERATIVE CORPORATION LICKING VALLEY RURAL ELECTRIC COOPERATIVE CORPORATION NOLIN RURAL ELECTRIC COOPERATIVE CORPORATION OWEN ELECTRIC COOPERATIVE INC. SALT RIVER ELECTRIC COOPERATIVE CORPORATION SHELBY ENERGY COOPERATIVE INC. SOUTH KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION TAYLOR COUNTY RURAL ELECTRIC COOPERATIVE CORPORATION

FILED: April 1, 2021

1 2 3 4		DIRECT TESTIMONY OF JOHN WOLFRAM
5	I.	INTRODUCTION
6	Q.	Please state your name, business address and occupation.
7	A.	My name is John Wolfram. I am the Principal of Catalyst Consulting LLC. My business
8		address is 3308 Haddon Road, Louisville, Kentucky 40241.
9	Q.	On whose behalf are you testifying?
10	A.	I am testifying on behalf of each of the sixteen Owner-Members of East Kentucky Power
11		Cooperative, Inc. ("EKPC").
12	Q.	Please summarize your education and professional experience.
13	A.	I received a Bachelor of Science degree in Electrical Engineering from the University of
14		Notre Dame in 1990 and a Master of Science degree in Electrical Engineering from Drexel
15		University in 1997. I founded Catalyst Consulting LLC in June 2012. From March 2010
16		through May 2012, I was a Senior Consultant with The Prime Group, LLC. I have
17		developed cost of service studies or rates for numerous electric and gas utilities, including
18		electric distribution cooperatives, generation, and transmission cooperatives, municipal
19		utilities, and investor-owned utilities. I have performed economic analyses, rate
20		mechanism reviews, ISO/RTO membership evaluations, and wholesale formula rate
21		reviews. I have also been employed by the parent companies of Louisville Gas and Electric
22		Company ("LG&E") and Kentucky Utilities Company ("KU"), by the PJM
23		Interconnection, and by the Cincinnati Gas & Electric Company.
24	Q.	Have you previously testified before the Kentucky Public Service Commission
25		("Commission")?

	Commission, most recently in Case No. 2021-00066. ¹
Q.	What is the purpose of your testimony in this proceeding?
A.	The purpose of my testimony is to support the proposed rates of the Owner-Members of
	EKPC, reflecting the flow through of the effects of the increase in wholesale rates proposed
	by EKPC in Case No. 2021-00103, ² pursuant to KRS 278.455.
Q.	Are you sponsoring any Exhibits?
A.	Yes. I have prepared the following exhibits to the Application in this docket:
	• Exhibit 2: Comparison of Current and Proposed Rates
	• Exhibit 3: Billing Analysis
II.	PASS THROUGH OF WHOLESALE RATE INCREASE
Q.	What does KRS 278.455(2) permit for the pass-through of wholesale rate increases?
A.	KRS 278.455(2) specifies that
	"Notwithstanding any other statute, any revenue increase authorized by the Public Service Commission or any revenue decrease authorized in subsection (1) of this section that is to flow through the effects of an increase or decrease in wholesale rates may, at the distribution cooperative's discretion, be allocated to each class and within each tariff on a proportional basis that will result in no change in the rate design currently in effect" (emphasis added)
	A. Q.

Yes. To date I have testified in over thirty different regulatory proceedings before this

1 A.

¹ See In the Matter of: The Electronic Application of Kenergy Corp. For A General Adjustment Of Rates Pursuant To Streamlined Procedure Pilot Program Established In Case No. 2018-00407, Order, Case No. 2021-00066 (Ky. P.S.C. March 11, 2021).

² See In The Matter Of: Electronic Application Of East Kentucky Power Cooperative, Inc. For A General Adjustment Of Rates, Approval Of Depreciation Study, Amortization Of Certain Regulatory Assets, And Other General Relief, Case No. 2021-00103 (filed April 1, 2021).

- 1 Q. Did EKPC provide you with the relevant data regarding its proposed wholesale
- 2 increase?
- 3 A. Yes. EKPC provided me with a summary of the proposed increase in dollars by
- 4 distribution cooperative and by wholesale rate class, including the total proposed revenue
- 5 increase in dollars for each distribution cooperative.
- 6 Q. Please generally describe the approach you used to determine the proposed rates for
- 7 each distribution cooperative.
- 8 A. For each distribution cooperative, I first collected 2019 billing information for each rate
- 9 class in the cooperative's Commission-approved tariffs, to correspond with the 2019 test
- period used by EKPC in Case No. 2021-00103. I calculated the billings for each rate class
- and for each base rate billing component within the respective classes (e.g., customer
- charge, energy charge, demand charge). I also compiled annual amounts for rate riders,
- billing adjustments, and other non-base-rate billing items by class. I then determined
- 14 "present" rates and revenues by accounting for a limited number of adjustments that I
- describe below. Then I allocated the EKPC revenue increase proportionately, first to each
- rate class, and then to the individual base rate billing components of each class. I
- determined the proposed per-unit charges such that the rate class revenue allocation shares
- and the billing component allocation shares were maintained. In other words, I allocated
- 19 the increase first to the rate classes and then to the billing components on a proportionate
- basis, resulting in no change in the rate design currently in effect.
- 21 Q. How did you adjust 2019 amounts to determine the "present" amounts?

I adjusted 2019 data on an extremely limited basis. Because the Commission approved a Fuel Adjustment Clause ("FAC") roll-in effective February 1, 2020,3 it was necessary to adjust 2019 amounts to reflect the revised base energy charges and FAC charges. I adjusted 2019 amounts to account for the FAC roll-in for all Owner-Members. Also, there were a small number of large commercial or industrial retail members that either switched rates or revised their contract demand amounts since 2019; I adjusted the billing determinants for these end-users to ensure that the rate calculations would result in no change in the retail rate design currently in effect. These types of adjustments are reflected where applicable in the "Present Rates" and "Present Revenues" in Exhibit 3 and are needed to ensure that the full effects of the wholesale rate increase are flowed through proportionately. Other than the FAC roll-in and limited number of rate switching/contract demand changes, I did not make any other adjustments to the test year data.

Did you consider the recent Commission Order in Case No. 2020-00095⁴ (the 13 **O**. "Kenergy Order") in which the Commission clarified "proportional" for the purposes of the pass-through calculations?

> Yes. As I understand it, in simple terms the *Kenergy* Order states that a distribution cooperative should base its "proportions" in the pass-through calculation upon the most recent Commission approved revenue allocation and billing component revenue allocation from the cooperative's last rate order. Here, my approach was to first attempt to determine

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³ See In The Matter Of Electronic Examination Of The Application Of The Fuel Adjustment Clause Of East Kentucky Power Cooperative, Inc. From November 1, 2016 Through October 31, 2018, Order, Case No. 2019-00003 (Ky. P.S.C. Dec. 26, 2019); In The Matter Of: Electronic Examination Of The Application Of The Fuel Adjustment Clause Of East Kentucky Power Cooperative, Inc. Cooperatives From November 1, 2016 Through October 31, 2018, Order, Case No. 2019-00008 (Ky. P.S.C Dec. 26, 2019; Order, Case No. 2019-00008 (Ky. P.S.C. Jan. 22, 2020).

⁴ In the Matter of: Electronic Application of Kenergy Corp. for a Declaratory Order, Order, Case No. 2020-00095 (Ky. P.S.C. March 11, 2021).

- the proposed rates based on the allocations from the last rate order. If those results proved to be self-evidently unreasonable, I then determined the proposed rates based on the present test year allocations, consistent with the method approved in the pass-through filings for EKPC's last two rate cases.⁵
- Did the *Kenergy* Order method produce reasonable results for the EKPC distribution
 cooperatives?
- A. It did for Clark Energy and Cumberland Valley Electric because these utilities relied upon
 a 2019 test year in their last filings. In other words for these utilities, the *Kenergy* Order
 method and the present test year allocation method are identical. For the other cooperatives
 that I analyzed using the *Kenergy* Order method, the analysis did not produce reasonable
 rates for all rate classes. Thus, for those utilities I used the present test year allocations
 instead of the last rate order allocations to develop proposed rates.
- 13 Q. Please describe how the *Kenergy* Order method provided unreasonable results for certain rate classes of the Owner-Members.
- Relying on the last rate order to allocate the total increase to the rate classes seems reasonable in theory, but has limitations based on how the customer mix within the rate classifications has changed over time. For some cooperatives, the list of rate classes with

⁶ The same result is anticipated for Licking Valley RECC, who expects an order imminently in its streamlined rate filing currently before the Commission in Case No. 2020-00338, *In the Matter Of: Electronic Application of Licking Valley Rural Electric Cooperative Corporation For A General Adjustment Of Rates Pursuant To Streamlined Procedure Pilot Program Established In Case No. 2018-00407*. Licking Valley anticipates providing updated schedules in this docket following that order.

⁵ See In The Matter Of Application Of East Kentucky Power Cooperative. Inc. For General Adjustment Of Electric Rates, Order, Case No. 2010-00167 (Ky. P.S.C. Jan. 14, 2011); In The Matter Of Application For General Adjustment of Electric Rates of East Kentucky Power Cooperative, Inc., Order, Case No. 2006-00472 (Ky. P.S.C. Dec. 5, 2011).

⁷ The other cooperatives include all but Licking Valley RECC (see previous footnote) and Salt River Electric Cooperative, whose last rate order in Case No. 92-560 is dated September 28, 1993. I did not compute proposed rates using the *Kenergy* Order method for these two utilities.

active members differed from the last rate order and the present test year. The *Kenergy* Order does not specify how to address this kind of variance.

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More importantly, relying on the last rate order to allocate the class revenue to the individual billing components was more problematic. For certain two-part rate classes like residential, the percentage split between customer charge revenue and energy charge revenue does not typically fluctuate much over time between rate cases, so for those classes the results were mostly reasonable. However, for rate classes with more than two parts – for example, a large customer class with four parts (customer charge, energy charge, contract demand charge, and excess demand charge) - it was more common for the percentage shares across the components to vary significantly between the last rate order method and the present test year method. For example, there might be zero excess demand kW (and thus revenue) in the present test year, but 25 percent excess demand revenue in the last rate order. The converse could also be true. In either event, holding the last rate order component percentages fixed and applying them to 2019 billing units often resulted in skewed charges on a per-unit basis. For most cooperatives, applying the last rate order component percentages yielded declines in the excess demand charge which would have resulted in a significant change to the rate design currently in effect (where the excess demand charge currently exceeds the contract demand charge). This appears to run afoul of the proportionality standard in KRS 278.455(2) and would result in a rate design change. It could also violate the ratemaking principle of gradualism. In situations like this, the cooperative elected to use the present test year allocations in full to develop proposed rates.

- 1 Q. Did any cooperative use a hybrid approach where it employed the last rate order
- 2 Kenergy Order method for some of its rate classes and the traditional test year method
- 3 for other rate classes?
- 4 A. No. Each cooperative used one method or the other. No cooperative opted to determine
- some rates from the Kenergy Order method and other rates from the present test year
- 6 allocation method. Only one method was used consistently for determining all proposed
- 7 rates for any particular Owner-Member.
- 8 Q. Is it reasonable to use present test year allocations in instances where the Kenergy
- 9 Order method produced unreasonable results?
- 10 A. Yes. In 1944, in Federal Power Commission v. Hope Natural Gas Co., the Supreme Court
- held that, in setting maximum rates, the utility commission would not be "bound to the use
- of any single formula or combination of formulae in determining rates." Rather, it would
- be the "result reached, not the method employed" that would be controlling. 8 I am not an
- attorney, but it is my understanding that Kentucky law fully embraces the *Hope* Doctrine.
- The approach here was to use the *Kenergy* Order method to the fullest practical extent; in
- the cases where the *Kenergy* Order method did not produce reasonable rates, the use of the
- present test year allocations did so, consistent with previous Commission orders in pass-
- through rate cases. For this reason, the determination of proposed rates based on the
- present test year allocations should be accepted as it has been in the past, specifically in
- 20 Case Nos. 2010-00167 and 2008-00409.

 8 Fed. Power Comm'n v. Hope Natural Gas Co., 320 U.S. 591, 602 (1944).

L Q.	The Kenergy Order states that any revenue distortion	ons could be addressed through
)	subsequent rate filings by a distribution according	If the last rate ander annroach

subsequent rate filings by a distribution cooperative. If the last rate order approach

is strictly applied, what is likely to happen?

Q.

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4 A.

The overall revenue impact of the rate pass-through is consistent regardless of whether the *Kenergy* Order last rate order method or the present test year approach is applied. Either way, the distribution cooperative should be able to successfully absorb and pass through any increase in its wholesale power expense to its end-use retail members, even if the pass-through introduces some revenue distortions within a particular rate class. The bigger problem under the *Kenergy* Order method is that some end-use retail customer classes will immediately see very significant changes in their monthly bills. This skewing effect between retail customer classes will likely force most of EKPC's distribution cooperatives to file near-simultaneous rate cases shortly after EKPC's wholesale rates take effect. Since the goal behind the enactment of KRS 278.455 was to avoid the need for each distribution cooperative to file a rate case following an increase in wholesale rates, the *Kenergy* Order approach could work at somewhat cross-purposes to the policy embodied in the statute.

Did you treat any retail rate classes differently than the others in the pass-through calculation?

For the most part, I made no distinction between retail rate classes taking service under EKPC's different wholesale rate classes (Rate B, Rate C, Rate E, etc.), consistent with previous Commission orders and Owner-Member pass-through rate filings. However, I did separately calculate proposed rates for retail members served under EKPC Rate G - Special Electric Contract Rate, as well as for those served under EKPC's other large special contracts. These are listed separately in Exhibit 2. These classes are given separate

1		consideration by EKPC, so I determined the retail rate increases associated with these
2		classes using the specific data provided to me for these classes by EKPC. This is consistent
3		with the treatment afforded these particular classes in EKPC's last rate case in Case No.
4		2010-00167, ⁹ which was based on KRS 278.455(3):
5 6 7 8		"Any increase or decrease as provided for in subsections (1) and (2) of this section shall not apply to special contracts under which the rates are subject to change or adjustment only as stipulated in the contract."
9	Q.	How did you determine proposed rates for any rate classes under which no retail
10		members took service in 2019 ("vacant rate classes")?
11	A.	For vacant rate classes, I first checked to see if the per-unit charges were identical to any
12		per-unit charges of other, non-vacant rate classes; if so, I set the proposed vacant rate class
13		per-unit charge equivalently. Otherwise, I increased the vacant rate class per-unit charges
14		by the same percentage as the overall base rate increase for the utility. There is no revenue
15		impact associated with these changes, but the changes are necessary for the flow through
16		of the effects of the proposed EKPC rate increase to result in no change to the retail rate
17		design currently in effect, particularly on an inter-class basis. (For example, increasing
18		other per-unit rates without also increasing the vacant rate class rates will skew the current
19		retail rates relative to one another and could inappropriately provide incentives for rate
20		switching at the retail level.)

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22 III. <u>CONCLUSION</u>

23 Q. What is your recommendation to the Commission in this case?

⁹ In The Matter Of Application Of East Kentucky Power Cooperative. Inc. For General Adjustment Of Electric Rates, Order, Case No. 2010-00167 (Ky. P.S.C. Jan. 14, 2011).

- 1 A. In this docket, the proposed rates are allocated to each retail class and within each retail
- 2 tariff on a proportional basis, and result in no change in the retail rate design currently in
- 3 effect. The proposed rates are fair, just, and reasonable, and are also consistent with KRS
- 4 278.455 and prior Commission precedent, specifically Case Nos. 2010-00167 and 2008-
- 5 00409. The proposed rates should be approved.
- 6 Q. Does this conclude your testimony?
- 7 A. Yes, it does.

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

VERIFICATION OF JOHN WOLFRAM

COMMONWEALTH OF KENTUCKY))				
)	COMMONWEALTH OF KENTUCKY)		
	COUNTY OF JEFFERSON)		

John Wolfram, being duly sworn, states that he has supervised the preparation of his Direct Testimony in this 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 31st day of March, 2021, by John Wolfram.

David S. Samford

NOTARY PUBLIC

NOTARY FUBLIC

STATE AT LARGE

KENTUCKY

NOTARY ID# KYNP10362

MY COMMISSION EXPIRES JULY 23, 2024

Notary Commission No. KYNP10362

Commission expiration: 7-23-24