

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

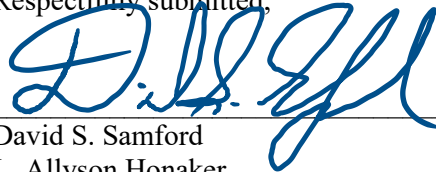
THE ELECTRONIC APPLICATION OF EAST)
KENTUCKY POWER COOPERATIVE, INC.)
FOR A GENERAL ADJUSTMENT OF RATES) Case No. 2021-00103
APPROVAL OF DEPRECIATION STUDY)
AMORTIZATION OF CERTAIN REGULATORY)
ASSETS AND OTHER GENERAL RELIEF)

EAST KENTUCKY POWER COOPERATIVE, INC.'S
NOTICE OF FILING

Comes now East Kentucky Power Cooperative, Inc. ("EKPC"), by counsel, and does hereby give notice of filing of its Supplemental Customer Notice, which was sent via mail, postage pre-paid to EKPC's sixteen (16) Owner-Members this 6th day of April 2021. The foregoing is filed to cure the deficiency noted in the Public Service Commission's April 5, 2021 correspondence.

Done this 6th day of April 2021.

Respectfully submitted,



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CERTIFICATE OF SERVICE

This is to certify that the foregoing electronic filing is a true and accurate copy of the document being filed in paper medium; that the electronic filing was transmitted to the Commission on April 6, 2021; that there are currently no parties that the Commission has excused from participation by electronic means in this proceeding; and that a copy of the filing in paper medium will be filed with the Commission within thirty days of the current state of emergency for COVID-19 being lifted.

A handwritten signature in blue ink, appearing to read 'D. S. [unclear]', is written over a horizontal line.

Counsel for East Kentucky Power Cooperative, Inc.



A Touchstone Energy[®] Cooperative 

MEMORANDUM

TO: Member System CEOs

FROM: Anthony S. Campbell

DATE: April 6, 2021

SUBJECT: Supplemental Notice to Members – 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

The attached document serves as notice given to the member systems of East Kentucky Power Cooperative, Inc. (EKPC) of a proposed wholesale rate adjustment. EKPC tendered its rate application to the Commission on April 1, 2021; this rate application was based on a historic test year.

The rate adjustment, with a requested effective date of May 1, 2021, will result in an increase in wholesale power costs to its Owner-Member Cooperatives and will result in an increase in revenue of **\$42,990,177** or **5.20%** for East Kentucky Power Cooperative, Inc. In addition to the foregoing changes in rates, EKPC is requesting certain changes to the text of various tariffs – copies of which are attached for your reference.

Please do not hesitate to call me with questions or concerns.

**SUPPLEMENTAL NOTICE OF PROPOSED ADJUSTMENT TO
WHOLESALE POWER TARIFFS**

In accordance with the requirements of the Public Service Commission of the Commonwealth of Kentucky as set forth in 807 KAR 5:001, Section 17 (2)(a), of the Rules and Regulations of the Public Service Commission, notice is hereby given to the member cooperatives of East Kentucky Power Cooperative, Inc. of a proposed wholesale rate adjustment. 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, Case No. 2021-00103, was tendered to the Public Service Commission on April 1, 2021.

The rate adjustment, with a requested effective date of May 1, 2021, will result in an increase in wholesale power costs to its Owner-Member Cooperatives and will result in an increase in revenue of **\$42,990,177** or **5.20%** for East Kentucky Power Cooperative, Inc. The amount and percent of increase by rate class are listed below:

<u>RATE SCHEDULE</u>	<u>INCREASE IN DOLLARS</u>	<u>PERCENTAGE INCREASE</u>
RATE E	\$34,925,736	5.26%
RATE B	2,286,285	3.82%
RATE C	814,747	4.75%
RATE G	1,323,966	5.19%
CONTRACT STEAM	257,888	2.41%
LARGE SPECIAL CONTRACT	3,381,554	7.96%
PUMPING STATIONS	0	0%
TOTAL	\$42,990,177	5.20%

Rate A is being discontinued; there are no customers on this rate.

The effects of the proposed rates on the average monthly bill by rate class are listed below:

<u>RATE SCHEDULE</u>	<u>AVERAGE USAGE</u>	<u>INCREASE IN AVERAGE MONTHLY BILL PER CUSTOMER</u>
RATE E	8,264,003 kWh	\$181,905
RATE B	4,911,173 kWh	\$ 17,320
RATE C	50,679,816 kWh	\$ 13,579
RATE G	13,493,753 kWh	\$ 36,777
CONTRACT STEAM	152,047 MMBTU	\$ 21,491
LARGE SPECIAL CONTRACT	82,584,049 kWh	\$281,796

Rate A is being discontinued; there are no customers on this rate.

Listed below are the present and proposed monthly rates for each rate schedule:

<u>RATE SCHEDULE</u>	<u>PRESENT</u>	<u>PROPOSED</u>
<i>RATE A</i>		
Demand Charge per kW of Billing Demand	\$9.98	Rate is being discontinued
Energy Charge per kWh	0.038982	
<i>RATE E1</i>		
Demand Charge per kW of Billing Demand	\$7.99	\$8.37
On-Peak Energy Charge per kWh	0.041232	0.043419
Off-Peak Energy Charge per kWh	0.040654	0.042841
<i>RATE E2</i>		
Demand Charge per kW of Billing Demand	\$6.02	\$6.56
On-Peak Energy Charge per kWh	0.049379	0.051566
Off-Peak Energy Charge per kWh	0.040654	0.042841
<i>RATE B</i>		
Demand Charge per kW of Contract Demand	\$7.17	\$7.49
Demand Charge per kW of Billing Demand in Excess of Contract Demand	\$9.98	\$10.38
Energy Charge per kWh	0.038982	0.040541
<i>RATE C</i>		
Demand Charge per kW of Billing Demand	\$7.17	\$7.78
Energy Charge per kWh	0.038982	0.040541
<i>RATE D—INTERRUPTIBLE DEMAND CREDITS PER KW</i>		
30-Minute Interruptible		
200 Hours	\$4.20	\$4.20
300 Hours	\$4.90	\$4.90
400 Hours	\$5.60	\$5.60
<i>RATE G</i>		
Demand Charge per Billing kW	\$6.98	\$7.29
Energy Charge per All kWh	0.036947	0.039158
<i>CONTRACT—STEAM</i>		
Demand Charge per MMBTU	\$577.15	\$582.18
Energy Charge per MMBTU	\$ 4.166	\$ 4.300

<u>RATE SCHEDULE</u>	<u>PRESENT</u>	<u>PROPOSED</u>
<i>LARGE SPECIAL CONTRACT</i>		
Demand Charge (Firm)	\$6.92	\$7.64
Demand Charge for 10-Minute Interruptible	(6.22)	(6.22)
Demand Charge for 90-Minute Interruptible	(4.20)	(4.20)
Energy Charge per kWh On-Peak	0.038905	0.040929
Energy Charge per kWh Off-Peak	0.035477	0.037501
<i>LOAD CENTER CHARGES</i>		
Metering Point Charge	\$144.00	\$151.20
Substation Charges:		
1,000 – 2,999 kVA Substation	\$1,088.00	\$1,142.40
3,000 – 7,499 kVA Substation	\$2,737.00	\$2,873.85
7,500 – 14,999 kVA Substation	\$3,292.00	\$3,456.60
15,000 and Larger kVA Substation	\$5,310.00	\$5,575.50

In addition to the foregoing changes in rates, EKPC is also requesting certain changes to the text of various tariffs, copies of which are included with this notice.

Any person may examine the rate application made by East Kentucky Power Cooperative, Inc. at the main office at 4775 Lexington Road, Winchester, Kentucky or at the offices of the Public Service Commission, 211 Sower Boulevard, Frankfort, Kentucky, Monday through Friday, 8:00 a.m. to 4:30 p.m. or through the Commission's Web site at <http://psc.ky.gov>.

Comments regarding this application may be submitted to the Public Service Commission through its Web site or by mail to Public Service Commission, P. O. Box 615, Frankfort, Kentucky 40602.

The rates contained in this notice are the rates proposed by East Kentucky Power Cooperative, Inc. However, the Public Service 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 Public Service Commission, P.O. 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 this notice, the Commission may take final action on the application.

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DATE OF ISSUE: ~~October 2, 2017~~ April 1, 2021

DATE EFFECTIVE: Service rendered on and after ~~November 2, 2017~~ May 1, 2021

ISSUED BY: _____
 Anthony S. Campbell,
 President and Chief Executive Officer

*Issued by authority of an Order of the Public Service Commission
 of Kentucky in Case No. 2021-00103 dated _____, 2021.*

Rate A

Availability

Available to all cooperative associations which are or shall be owner-member cooperatives ("owner-members") of East Kentucky Power Cooperative, Inc. ("EKPC"). The electric power and energy furnished hereunder shall be separately metered for each point of delivery.

Applicability

Applicable to all power usage at the load center not subject to the provisions of Rates B, C, and E of this tariff.

Monthly Rate - Per Load Center

_____ Demand Charge per kW of billing demand _____	\$ 9.98
_____ Energy Charge per kWh _____	\$.040502

Billing Demand

The billing demand (kilowatt demand) is based on EKPC's system peak demand (coincident peak) which is the highest average rate at which energy is used during any fifteen (15) minute interval in the below-listed hours for each month and adjusted for power factor as provided herein:

<u>Months</u>	<u>Hours Applicable for Demand Billing - EPT</u>
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.

Billing demand applicable to this rate is equal to the load center's contribution to EKPC's system peak demand minus the actual demands of Rate B, Rate C, and Rate E participants coincident with EKPC's system peak demand.

Billing Energy

Billing energy applicable to this rate is equal to the total energy provided at the load center minus the actual energy provided to Rate B, Rate C, and Rate E participants.

RESERVED FOR FUTURE USE

DATE OF ISSUE: ~~January 7, 2020~~ April 1, 2021

DATE EFFECTIVE: Service rendered on and after ~~February 1, 2020~~ May 1, 2021

ISSUED BY: _____
Anthony S. Campbell,
President and Chief Executive Officer

Rate B

Applicability

In all territories of owner-member cooperatives (“owner-members”) of East Kentucky Power Cooperative, Inc. (“EKPC”).

Availability

Available to all cooperative associations which are or shall be owner-members of EKPC and end-use retail members (“retail members”) willing to which execute EKPC-approved contracts with the end-use retail members (retail member), for demands of 500 kW or greater and a monthly minimum energy usage equal to or greater than 400 hours per kW of contract demand. Wholesale monthly contract demand shall be agreed between the owner-member and EKPC. The electric power and energy furnished hereunder shall be separately metered for each point of delivery.

Applicability

Applicable to owner-members and retail members willing to contract for demands of 500 kW or greater and a monthly minimum energy usage equal to or greater than 400 hours per kW of contract demand. Wholesale monthly minimum demand shall be agreed between the owner-member and EKPC.

Monthly Rate

Demand Charge per kW of Contract Minimum Demand	\$7.17 49
Demand Charge per kW of Billing Demand in Excess of Contract Minimum Demand	\$9.98 10.38
Energy Charge per kWh	\$.040502 40541

Billing Demand

The billing demand (~~kilowatt demand~~) shall be the ~~contract minimum~~ demand plus any excess demand. Excess demand occurs when the retail member’s highest demand during the current month, coincident with EKPC’s system peak (coincident peak), exceeds the ~~contract minimum~~ demand. EKPC’s system peak demand is the highest average rate at which energy is used during any fifteen (15)-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:

<u>Months</u>	<u>Hours Applicable for Demand Billing - EPT</u>
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.

Minimum Monthly Charge

The minimum monthly charge shall not be less than the sum of (a) and (b) below:

- a. The product of the ~~contract minimum~~ demand multiplied by the demand charge, plus
- b. The product of the ~~contract minimum~~ demand multiplied by 400 hours and the energy charge per kWh minus the fuel base per kWh as established in the Fuel Adjustment Clause.

DATE OF ISSUE: ~~January 7, 2020~~ April 1, 2021

DATE EFFECTIVE: Service rendered on and after ~~February 1, 2020~~ May 1, 2021

ISSUED BY: _____
Anthony S. Campbell,
President and Chief Executive Officer

Issued by authority of an Order of the Public Service Commission
of Kentucky in Case No. ~~2019-00003~~ 2021-00103 dated ~~December 26, 2019~~ _____, 2021.

Rate C

Applicability

In all territories of owner-members of EKPC.

Availability

Available to all cooperative associations which are or shall be owner-members and retail members willing to of EKPC and which execute EKPC-approved contracts with the retail members. for demands of 500 kW or greater and a monthly energy usage equal to or greater than 400 hours per kW of billing demand. The electric power and energy furnished hereunder shall be separately metered for each point of delivery.

Applicability

Applicable to owner-members and retail members willing to contract for demand of 500 kW or greater and a monthly energy usage equal to or greater than 400 hours per kW of billing demand.

Monthly Rate

Demand Charge per kW of Billing Demand	\$7.47 78
Energy Charge per kWh	\$.040502 40541

Billing Demand

The kilowatt billing demand shall be the greater of (a) or (b) listed below:

- a. The contract demand; or
- b. The retail member's highest demand during the current month or preceding eleven months coincident with EKPC's system peak demand. EKPC's system peak demand is the highest average rate at which energy is used during any fifteen (15)-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:

<u>Months</u>	<u>Hours Applicable for Demand Billing - EPT</u>
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.

Minimum Monthly Charge

The minimum monthly charge shall not be less than the sum of (a) and (b) below:

- a. The product of the billing demand multiplied by the demand charge, plus
- b. The product of the billing demand multiplied by 400 hours and the energy charge per kWh minus the fuel base per kWh.

DATE OF ISSUE: ~~January 7, 2020~~ April 1, 2021

DATE EFFECTIVE: Service rendered on and after ~~February 1, 2020~~ May 1, 2021

ISSUED BY: _____

Anthony S. Campbell,
President and Chief Executive Officer

Issued by authority of an Order of the Public Service Commission
of Kentucky in Case No. ~~2019-00003~~ 2021-00103 dated ~~December 26, 2019~~ _____, 2021.

Rate E

Applicability

In all territories of owner-members of EKPC.

Availability

Available to all ~~cooperative associations which are or shall be~~ owner-members of EKPC for all power usage at the load center not subject to the provisions of Rate B, Rate C, or Rate G of this tariff and special contract participants. The electric power and energy furnished hereunder shall be separately metered for each point of delivery.

Applicability

Applicable to all power usage at the load center not subject to the provisions of Rate A, Rate B, Rate C, or Rate G of this tariff.

Monthly Rate - Per Load Center

An owner-member may select either Option 1 or Option 2 of this section of the tariff to apply to all load centers. The owner-member must remain on a selected option for at least one (1) year and may change options, no more often than every twelve (12) months, after giving a minimum notice of two (2) months advance notice of an election to change options.

	<u>Option 1</u>	<u>Option 2</u>
Demand Charge per kW of Billing Demand	\$7.99 8.37	\$6.02 56
Energy Charge per kWh		
On-Peak kWh	\$.041232 3419	\$.049379 51566
Off-Peak kWh	\$.040654 2841	\$.040654 2841

On-peak and off-peak hours are provided below:

<u>Months</u>	<u>On-Peak Hours - EPT</u>	<u>Off-Peak Hours – EPT</u>
October through April	7:00 a.m. to 12:00 noon 5:00 p.m. to 10:00 p.m.	12:00 noon to 5:00 p.m. 10:00 p.m. to 7:00 a.m.
May through September	10:00 a.m. to 10:00 p.m.	10:00 p.m. to 10:00 a.m.

DATE OF ISSUE: ~~January 7, 2020~~ April 1, 2021

DATE EFFECTIVE: Service rendered on and after ~~February 1, 2020~~ May 1, 2021

ISSUED BY: _____
 Anthony S. Campbell,
 President and Chief Executive Officer

Rate G

SPECIAL ELECTRIC CONTRACT RATE

Applicability

In all territories of owner-members of EKPC.

Availability

Available to all owner-members and retail members willing to execute EKPC-approved contracts for demands of 15,000 kW or greater and a monthly energy usage equal to or greater than 400 hours per kW of billing demand. The electric power and energy furnished hereunder shall be separately metered for each point of delivery.

Character of Service

Three-phase 60 Hertz alternating current as specified in the *special contract Agreement* for ~~P~~purchased power.

Monthly Rate

Demand Charge per kW of Billing Demand kW	\$6.98 7.29
Energy Charge per ALL kWh	\$.036947 9158

Determination of Billing Demand

The ~~billing kilowatt~~ demand shall be the greater of (a) or (b) listed below:

- a. The contract demand; or
- b. The retail member's highest demand during the current month or preceding eleven months coincident with EKPC's system peak demand. EKPC's system peak demand is the highest average rate at which energy is used during any fifteen (15)-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:

<u>Months</u>	<u>Hours Applicable for Demand Billing – EPT</u>
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: ~~January 7, 2020~~ April 1, 2021

DATE EFFECTIVE: Service rendered on and after ~~February 1, 2020~~ May 1, 2021

ISSUED BY: _____
 Anthony S. Campbell,
 President and Chief Executive Officer

Rate G (con't.)

Notwithstanding the foregoing, a special contract for purchased power may waive a demand ratchet for any new or expanding load for the period in which the new or expanded load has not yet been fully brought on-line or reached full production status.

Minimum Monthly Charge

The minimum monthly charge shall not be less than the sum of (a), (b), and (c) below:

- (a) The metering and substation charge, plus
- (b) The product of the billing demand multiplied by the demand charge, plus
- (c) *The product of the billing demand multiplied by 400 hours and the energy charge per kWh minus the fuel base per kWh. The result of: (Energy Rate minus EKPC's base fuel component in the Energy Rate) times Billing Demand times 400 hours.*

Power Factor Adjustment

Refer to EKPC General Wholesale Power Tariffs, Power Factor Adjustment.

Fuel Adjustment Clause

Refer to EKPC General Wholesale Power Tariffs, Fuel Adjustment.

DATE OF ISSUE: ~~October 2, 2017~~ April 1, 2021

DATE EFFECTIVE: Service rendered on and after ~~November 2, 2017~~ May 1, 2021

ISSUED BY: _____
Anthony S. Campbell,
President and Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. 2021-00103 dated _____, 2021.

Wholesale Power Rate Schedule

Applicability

In all territories of owner-members of EKPC.

Availability

This rate schedule shall apply to all rates in this tariff. This rate schedule shall apply and to each EKPC load center separately.

Load Center Charges - Monthly

A. Metering Point Charge

1. Applicable to each metering point and to each substation
2. Charge: ~~\$144.00~~ 51.20

B. Substation Charge

1. Applicable to each substation based on its size:
2. Charges:

1,000 - 2,999 kVa substation	\$1,088.00 142.40
3,000 - 7,499 kVa substation	\$2,737.00 873.85
7,500 - 14,999 kVa substation	\$3,292.00 456.60
15,000 and over kVa substation	\$5,340.00 575.50

Minimum Monthly Charge

The minimum monthly charge shall be equal to the Load Center Charges plus the minimum monthly charges for Rates B, C and G. Load Center Charges cover metering point and substation charge.

DATE OF ISSUE: ~~October 2, 2017~~ April 1, 2021

DATE EFFECTIVE: Service rendered on and after ~~November 2, 2017~~ May 1, 2021

ISSUED BY: _____
 Anthony S. Campbell,
 President and Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. ~~2010-00167~~ 2021-00103 dated ~~January 14, 2014~~ _____, 2021.

RESERVED FOR FUTURE USE

DATE OF ISSUE: October 2, 2017

DATE EFFECTIVE: November 2, 2017

ISSUED BY: _____
Anthony S. Campbell,
President and Chief Executive Officer

Fuel Adjustment

Applicability

In all territories of owner-members of EKPC.

Availability

This rate schedule shall apply to Rate B, Rate C, Rate E, and Rate G and all special contracts with rates subject to adjustment upon the approval of the Commission.

1. The fuel clause shall provide for periodic adjustment per kWh of sales when the unit cost of fuel [F(m) / S(m)] is above or below the base unit cost of \$.02624 per kWh [F(b) / S(b)]. The current monthly charges shall be increased or decreased by the product of the kWh furnished during the current month and the fuel adjustment rate for the preceding month where the fuel adjustment rate is defined below:

$$\text{Fuel Adjustment Rate} = \frac{F(m)}{S(m)} - \frac{F(b)}{S(b)}$$

Where F is the expense of fossil fuel in the base (b) and current (m) periods; and S is sales in the base (b) and current (m) periods, all defined below:

2. Fuel cost (F) shall be the most recent actual monthly cost of:
 - a. Fossil fuel consumed in the utility's own plants, and the utility's share of fossil and nuclear fuel consumed in jointly owned or leased plants, plus the cost of fuel which would have been used in plants suffering forced generation and/or transmission outages, but less the cost of fuel related to substitute generation, plus
 - b. The actual identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in paragraph (c) below, but excluding the cost of fuel related to purchases to substitute the forced outages, plus
 - c. The net energy cost of energy purchases, exclusive of capacity or demand charges (irrespective of the designation assigned to such transaction) when such energy is purchased on an economic dispatch basis. Included therein may be such costs as the charges for economy energy purchases and the charges as a result of scheduled outages, also such kinds of energy being purchased by the buyer to substitute for its own higher cost energy; and less
 - d. The cost of fossil fuel recovered through inter-system sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.
 - e. All fuel costs shall be based on weighted average inventory costing.

DATE OF ISSUE: ~~January 7, 2020~~ April 1, 2021

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ISSUED BY: _____
 Anthony S. Campbell,
 President and Chief Executive Officer

Fuel Adjustment (continued)

3. Forced outages are all non-scheduled losses of generation or transmission which require (purchase of) substitute power for a continuous period in excess of six (6) hours. Where forced outages are not as a result of faulty equipment, faulty manufacture, faulty design, faulty installations, faulty operation, or faulty maintenance, but are Acts of God, riot, insurrection or acts of public enemy, the utility may, upon proper showing, with the approval of the Commission, include the fuel cost of substitute energy in the adjustment.

4. Sales (S) shall be kWh sold, excluding inter-system sales. Where for any reason, billed system sales cannot be coordinated with fuel costs for the billing period, sales may be equated to the sum of (i) generation, (ii) purchases, (iii) interchange in, less (iv) energy associated with pumped storage operations, less (v) inter-system sales referred to in subsection (2)(d) above, less (vi) total system losses. Utility-used energy shall not be excluded in the determination of sales (S).

5. The cost of fossil fuel shall include no items other than the invoice price of fuel less any cash or other discounts. The invoice price of fuel includes the cost of the fuel itself and necessary charges for transportation of the fuel from the point of acquisition to the unloading point, as listed in Account 151 of the FERC Uniform System of Accounts for Public Utilities and Licenses.

DATE OF ISSUE: ~~October 2, 2017~~ *April 1, 2021*

DATE EFFECTIVE: Service rendered on and after ~~November 2, 2017~~ *May 1, 2021*

ISSUED BY: _____
 Anthony S. Campbell,
 President and Chief Executive Officer

*Issued by authority of an Order of the Public Service Commission
 of Kentucky in Case No. 2021-00103 dated _____, 2021.*

Rate ES – Environmental Surcharge

Applicability

Applicable to all rates in this tariff. This rate schedule shall apply to each owner-member. *In all territories of owner-members of EKPC.*

Availability

This rate schedule shall apply to EKPC #Rates ~~A~~, B, C, E, and G and all special contracts with rates subject to adjustment upon the approval of the Commission.

Rate

The Environmental Surcharge shall provide for monthly adjustments based on a percent of revenues equal to the difference between the environmental compliance costs in the base period and in the current period based on the following formula:

$$\text{CESF} = \text{E(m)} / \text{R(m)}$$

$$\text{MESF} = \text{CESF} - \text{BESF}$$

MESF = Monthly Environmental Surcharge Factor
 CESF = Current Environmental Surcharge Factor
 BESF = Base Environmental Surcharge Factor of 0%

where E(m) is the total of each approved environmental compliance plan revenue requirement of environmental costs for the current expense month and R(m) is the revenue for the current expense month as expressed below.

Definitions

1. $\text{E(m)} = [(\text{RB}/12)(\text{RORB}) + \text{OE} - \text{BAS} + (\text{Over})\text{Under Recovery}$

where:

- a. RB is the Environmental Compliance Rate Base, defined as electric plant in service for applicable environmental projects adjusted for accumulated depreciation, CWIP, cash working capital, spare parts and limestone inventory, emission allowance inventory;
- b. RORB is the Rate of Return on the Environmental Compliance Rate Base, designated as the average cost of debt for environmental compliance plan projects approved by the Commission plus application of a times-interest-earned ratio of 1.50;

DATE OF ISSUE: ~~October 2, 2017~~ April 1, 2021

DATE EFFECTIVE: Service rendered on and after ~~November 2, 2017~~ May 1, 2021

ISSUED BY:

 Anthony S. Campbell,
 President and Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. 2021-00103 dated _____, 2021.

Rate ES – Environmental Surcharge (continued)

- c. OE is the Monthly Pollution Control Operating Expenses, defined as the average of the twelve month operating and maintenance expense; depreciation expense, property taxes, insurance expense, emission allowance expense, and consulting fees.;
 - d. BAS is the net proceeds from By-Products and Emission Allowance Sales, and;
 - e. (Over) or Under recovery amount resulting from the amortization of amounts determined by the Commission during six-month and two-year reviews and the one-month “true-up” adjustment.
2. Total E(m) is multiplied by the “Member System Allocation Ratio” to arrive at Net E(m). The “Member System Allocation Ratio” is based on the ratio of the twelve (12)-month total revenue from sales to owner-members to which the Surcharge will be applied, ending with the current expense month, divided by the twelve (12)-month total revenue from sales to owner-members and off-system sales.
 3. The revenue R(m) is the average monthly revenue, including base revenues and automatic adjustment clause revenues less Environmental Cost Recovery Surcharge revenues, for EKPC for the twelve (12)-months ending with the current expense month.
 4. The current expense month (m) shall be the second month preceding the month in which the Environmental Surcharge is billed.

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ISSUED BY: _____
Anthony S. Campbell,
President and Chief Executive Officer

Rate D
Interruptible Service

Standard Rider

This Interruptible Rate is a rider to Rates A, B, C, E, and G.

Applicability

In all *territories of owner-members* ~~territory served by~~ of EKPC.

Availability of Service

This rate shall be made available at any load center, to any owner-member where a retail member will contract for an interruptible demand of not less than 250 kW and not more than 20,000 kW, subject to a maximum number of hours of interruption per year and a notice period as listed below. Note that hours of interruption per year or annual hours of interruption refer to the twelve (12)-month period ended May 31.

Monthly Rate

A monthly *interruptible* demand credit per kW is based on the following matrix:

<u>Notice Minutes</u>	<u>Annual Hours of Interruption</u>		
	<u>200</u>	<u>300</u>	<u>400</u>
30	\$4.20	\$4.90	\$5.60

Definitions Determination of Measured Load - Billing Demand

The billing demand *shall be determined as defined in Rates B, C, E, or G, as applicable.* ~~(kilowatt demand) is based on EKPC's system peak demand (coincident peak) which is the highest average rate at which energy is used during any fifteen (15)-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:~~

<u>Months</u>	<u>Hours Applicable for Demand Billing - EPT</u>
November through April	6:00 a.m. to 9:00 p.m.
May through October	10:00 a.m. to 10:00 p.m.

The firm demand shall be the retail member's minimum level of demand needed to continue operations during an interruption. The firm demand shall not be subject to interruption and shall be specified in the contract.

The interruptible ~~billing demand~~ shall be equal to the amount by which the monthly billing demand exceeds the *firm demand, up to 20,000 kW maximum.* ~~minimum billing demand as specified in the contract.~~

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Rate D (continued)

Conditions of Service for Customer Contract

1. The retail member will, upon notification by EKPC, reduce the load being supplied by the owner-member to the *firm demand contract capacity level* specified by the contract.
2. EKPC will endeavor to provide the retail member as much advance notice as possible of the interruption of service. However, the retail member shall interrupt service within the notice period as contracted.
3. Service will be furnished under the owner-member's "General Rules and Regulations" or "Terms and Conditions" except as set out herein and/or provisions agreed to by written contract.
4. No responsibility of any kind shall attach to EKPC and/or the owner-member for, or on account of, any loss or damage caused by, or resulting from, any interruption or curtailment of this service.
5. The retail member shall own, operate, and maintain all necessary equipment for receiving electric energy and all telemetering and communications equipment, within the retail member's premises, required for interruptible service.
6. The minimum original contract period shall be one year and thereafter until terminated by giving at least sixty (60)-days previous written notice *of such termination*. EKPC may require a contract be executed for a longer initial term when deemed necessary by the size of the load and other conditions.
7. ~~The Fuel Adjustment Clause, as specified in the General Wholesale Power Rate Schedule, is applicable.~~

Calculation of Monthly Bill

The monthly bill is calculated as follows ~~on the following basis:~~

- A. *The demand and energy charges of the bill shall be calculated consistent with the applicable provisions of Rates B, C, E or G. ~~Sum of metering point charge and substation charge, plus~~*
- B. *The interruptible demand credit shall be determined by multiplying the interruptible demand for the billing month by the monthly demand credit per kW and applied to the bill calculation ~~Minimum billing demand in kW multiplied by the firm capacity rate, plus~~*
- C. *All other applicable bill riders, including the Fuel Adjustment Clause and Environmental Surcharge shall be applied to the bill calculation consistent with the provisions of those riders. ~~Interruptible billing demand in kW multiplied by interruptible rate, plus~~*
- D. ~~Energy usage in kWh multiplied by the energy rate.~~

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Rate D (continued)

Number and Duration of Interruptions

- A. There shall be no more than two (2) interruptions during any 24-hour calendar day. No interruption shall last more than twelve hours
- B. Interruptions may occur between 6:00 a.m. and 9:00 p.m. EPT during the months of November through April and between 10:00 a.m. and 10:00 p.m. EPT during the months of May through October.
- C. The maximum number of annual hours of interruption shall be in accordance with the retail member-contracted level of interruptible service.

Charge for Failure to Interrupt

If the retail member fails to interrupt *its demand load* as requested by EKPC, the owner-member shall bill the uninterrupted *demand load* at a rate equal to five (5) times the applicable firm power demand charge for that billing month. Uninterrupted *demand load* is equal to actual *demand load* during *the* requested interruption minus firm *demand load*.

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Rate EDR

Economic Development Rider

Applicability

The Economic Development Rider ("EDR") is available in all service territories served by EKPC's owner-members.

Availability

Available as a rider to qualifying non-residential retail member of participating owner-member who will be served or are being served under EKPC's Rates B, C, E, and G to encourage Economic Development as defined herein. Service under the EDR is conditional on approval of a special contract between EKPC, the participating owner-member, and the qualifying non-residential retail member for such economic development rate service filed with and approved by the Kentucky Public Service Commission ("Commission").

Economic Development

Service under EDR is available to:

1. New retail members contracting for a minimum average monthly billing load of 500 kW over a twelve (12)-month period. If the new retail member is locating in a Kentucky county that is identified by the Commonwealth of Kentucky as an "Enhanced Incentive County", then the minimum average monthly billing load will be 250 kW over a twelve (12)-month period.
2. Existing retail members contracting for a minimum average monthly billing load increase of 500 kW over a twelve (12)-month period above their Economic Development Base Load ("ED Base Load"). If the existing retail member is located in a Kentucky county that is identified by the Commonwealth of Kentucky as an "Enhanced Incentive County", then the minimum average monthly billing load increase will be 250 kW over a twelve (12)-month period. The ED Base load will be determined as follows:
 - a. The existing retail member's ED Base Load will be determined by averaging the retail member's previous three years' monthly billing loads. EKPC, the owner-member, and the existing retail member must agree upon the ED Base Load, and any adjustments to the ED Base Load must be mutually agreed to by the parties.
 - b. The ED Base Load shall be an explicit term of the special contract submitted to the Commission for approval before the retail member can take service under the EDR. Once the ED Base Load's value is established, it will not be subject to variation or eligible for service under the EDR.

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Rate EDR (continued)

- c. These provisions are not intended to reduce or diminish in any way EDR service already being provided to all or a portion of a retail member's ED Base Load. Such EDR service would continue under the terms of the applicable special contract already existing between EKPC, the owner-member, and the retail member concerning the affected portion of the retail member's ED Base Load.
3. A new or existing retail member eligible for a minimum average monthly billing load between 250 kW and 500 kW may require a retail member-specific meter installation. The cost of the retail member-specific meter installation shall be recovered from the retail member.
4. The new or existing retail member must agree to maintain a minimum load factor of sixty percent (60%) during the majority of the months in the discount period, subject to the following parameters:
 - a. During the first twelve (12)-months of the discount period the sixty percent (60%) minimum load factor requirement will be waived.
 - b. During the remaining months of the discount period, the load factor will be determined each month. The new or existing retail member may fail to achieve the sixty percent (60%) minimum load factor for no more than 1/6th of the remaining months of the discount period.
 - c. Failure to maintain the sixty percent (60%) minimum load factor in any month beyond the period described in part 4(b) above will result in the suspension of the discount to the Total Demand Charge for that month. The discount to the Total Demand Charge will resume in the month the sixty percent (60%) minimum load factor is achieved; however the discount will resume at the discount rate applicable to the month of the discount period.
5. A retail member desiring service under the EDR must submit an application for service that includes:
 - a. A description of the new load to be served;
 - b. The number of new employees, if any, the retail member anticipates employing associated with the new load; and
 - c. The capital investment the retail member anticipates making associated with the EDR load.
6. Any EDR retail member-specific fixed costs shall be recovered over the life of the special contract.
7. For purposes of this tariff, a new retail member is defined as one who becomes a retail member of the owner-member on or after January 1, 2013.

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Rate EDR (continued)

4. The EDR is not available to a new retail member which results solely from a change in ownership of an existing establishment. However, if a change in ownership occurs after the retail member enters into an EDR special contract, the successor retail member may be allowed to fulfill the balance of the EDR special contract.

5. *In the event of an early termination of the EDR special contract by the retail member, or where the retail member ceases operations or otherwise stops taking service during the required minimum contract term, the retail member shall reimburse EKPC and the owner-member for a portion of the EDR credits it has received. The amount of the EDR credits shall be equal to the total dollar difference between the demand charges and environmental surcharge actually paid by the retail member during the EDR discount period and the demand charges and environmental surcharge that would have been paid by the retail member under EKPC's and the owner-member's applicable tariff without the EDR discount. In the event of an early termination of the EDR special contract by the retail member, or where the retail member ceases operations or otherwise stops taking service during the discount period, the retail member shall reimburse seventy-five (75) percent of the total EDR credits received by the retail member. In the event of an early termination of the EDR special contract by the retail member, or where the retail member ceases operations or otherwise stops taking service during the non-discount period of the EDR special contract, the retail member shall reimburse fifty (50) percent of the total EDR credits received by the retail member. The retail member, or its guarantor, may also be required to provide a letter of credit or equivalent security satisfactory to EKPC equal to seventy-five (75) percent of the total EDR credits during the discount period of the EDR special contract, and equal to fifty (50) percent of the total EDR credits during the non-discount period of the EDR special contract.*

- 5-6 EKPC and the owner-member may offer differing terms, as appropriate, under the special contract to which this rider is a part depending on the circumstances associated with providing service to a particular retail member, subject to approval by the Commission.

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Rate H

Wholesale Renewable Energy Program

Standard Rider

This Renewable Energy Program is a rider to Rates A, B, C, E and G. The purpose of this program is to provide EKPC owner-members with a source of renewable energy or renewable energy attributes for resale to their retail members.

Applicability

In all ~~territory served by EKPC~~ territories of owner-members of EKPC.

Definitions

- a. Renewable energy is that electricity which is generated from renewable sources including but not limited to: solar, wind, hydroelectric, geothermal, landfill gas, biomass, biodiesel used to generate electricity, agricultural crops or waste, all animal and organic waste, all energy crops and other renewable resources deemed to be Green-e certified.
- b. A Renewable Energy Certificate ("REC") is the tradable renewable energy attribute which represents the commodity formed by unbundling the environmental-benefit attributes of a unit of renewable energy from the underlying electricity. One REC is equivalent to the environmental-benefits attributes of one MWh of renewable energy.

Availability of Service

Owner-members may participate in the program by contributing monthly as much as they like in \$2.50 increments (e.g. \$2.50, \$5.00, \$7.50, or more per month). Funds provided by owner-members are not refundable.

Eligibility

All EKPC owner-members are eligible for this rider. The owner-member will indicate the amount of voluntary Renewable Energy Program Contributions that the owner-member intends to purchase monthly. All owner-members will have executed a Renewable Energy Program Agreement with the participating retail member.

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Rate H (continued)

Monthly Program Contribution

Renewable Energy Program Contributions: The monthly Renewable Energy Program Contributions by the owner-member is the total monthly voluntary contribution by the owner-member's participating retail members in any \$2.50 increments for the type of renewable energy resources (Landfill Gas, Solar, Wind, Hydroelectric) chosen by the participating retail member. EKPC will generate, purchase renewable energy, or purchase RECs equal to the monthly sum of Renewable Energy Program Contributions for each renewable energy resource type minus \$0.25 per increment retained to help offset administrative and advertising costs. For Renewable Energy Program Contributions assigned by the retail member for renewable energy resources that EKPC does not own, EKPC will purchase the appropriate type of RECs equaling the total contribution amount and will retire the associated RECs. For Renewable Energy Program Contributions assigned by the retail member for renewable energy resources that EKPC owns and operates, EKPC will allocate the appropriate generation (kwhs) and costs to the assigned renewable energy program contribution and retire the associated RECs.

Billing and Minimum Charge

EKPC will bill the owner-member at the rate of \$2.50 per increment. The sum of the Renewable Energy Program Contributions from each renewable energy resource type pledged under this tariff shall constitute the total amount that the owner-member may be billed during a normal billing period. Existing Wholesale Renewable Energy Program ("Envirowatts") retail participants will be billed at the existing retail rate from their owner-member.

Terms of Service and Payment

This rate shall be subject to all other terms of service and payment of the wholesale power tariff.

Fuel Adjustment Clause

The fuel adjustment clause is not applicable to the Renewable Energy Program Contributions.

Environmental Surcharge

The environmental surcharge is not applicable to the Renewable Energy Program Contributions.

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Wholesale Power Invoice

OWEN-GALLATIN

EAST KENTUCKY POWER COOPERATIVE INC.
 P.O. Box 707 Winchester, Kentucky 40391

Invoice Date

Wholesale Power Invoice
 Substation Detail Charges
 Month 20XX

EKPC Interrupt Hours: _____
 FAC: XXX
 Surcharge: XXX

	On-Peak Kw	Off-Peak Kw	Energy Kwh		Air Liquide		
M1 - 345 kV	XXX,XXX	XXX,XXX	XX,XXX,XXX				
M2 - 345 kV	XXX,XXX	XXX,XXX	XX,XXX,XXX	On Peak KW	Off Peak KW	Energy KWH	CPS1: X
M4 - 138 kV	XX,XXX	XX,XXX	XX,XXX,XXX	X,XXX	X,XXX	X,XXX,XXX	12 Mo: X
M5 - 345 kV	XX,XXX	XX,XXX	X,XXX,XXX				

Substation	Rate Sch	Billing Demand	KWH	Demand Charge	Energy Charge	Load Forecast True-up	Fuel Adjustment	Surcharge	Total Charges
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CO-OP Sub Totals

~~PJM Capacity Performance Auction Credit
 Case No. 2015-00358 Credit - Smith Station~~

CO-OP Amount Due

Normally due in usable funds by the 21st of the month, subject to the provisions in EKPC Board Policy No. 204, related to weekends and holidays.

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