

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_1 For the period from May 1, 2020, to October 31, 2020 (the last six months of the period under review), provide the amount of coal purchased in tons and the percentage of purchases that were spot versus contract.

RESPONSE

Please refer to KPCO_R_KPSC_1_01_Attachment1 for the requested information. For purposes of the Company's monthly fuel adjustment clause back-up filings, Kentucky Power defines a spot purchase as an agreement with a term of one year or less. To permit the Commission to reconcile this response to the Company's fuel adjustment clause back-up filings, the term "spot purchase" is likewise defined for purposes of KPCO_R_KPSC_1_01_Attachment1 as any purchase with a term of one year or less.

The Company's definition of spot purchase for purposes of this response and Kentucky Power's fuel adjustment clause back-up filings differs slightly from that used in by Staff in KPSC 1-02 (defining spot purchase as less than one year) and the accompanying response by Kentucky Power.

Witness: Jeffrey C. Dial

Counterparty	Type of Purchase	Total Tons
Blackhawk Coal Sales, LLC	Contract	70,399
Consolidation Coal Company and McElroy Coal Company	Contract	171,265
Contura Coal Sales, LLC	Spot	18,418
Contura Coal Sales, LLC	Contract	100,544

TOTAL	360,625
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Total Contract	95%
Total Spot	5%

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DATA REQUEST

KPSC 1_2 For the last six months of the period under review, list each coal purchase made under a long-term contract (one year or greater). For each purchase, list:

- a. Contract or purchase order number;
- b. The supplier's name;
- c. The location(s) of production facilities from which the coal is sourced;
- d. The method of delivery, (i.e., barge, truck, rail, other);
- e. The actual quantity received during the review period; and
- f. Current price paid per ton.

RESPONSE

Please refer to attachment KPCO_R_PSC_1_02_Attachment1 for the requested information presented in conformity with the definition of "long term" fuel contract provided in the data request.

Witness: Jeffrey C. Dial

This response is provided for the time period of November 1, 2019 through April 30, 2020 and lists all pertinent fuel contract information requested. Tonnage information is reported per Kentucky Power ownership share.

a. Contract/Purchase Order No.	b. Supplier Name	c. Location of Production Facilities	d. Method of Delivery	e. Tonnage Quantity Received During Review Period	f. Tonnage Quantity Requirement for Review Period	g. Current Price per Ton	
03-00-18-002	Contura Coal Sales, LLC	Mammoth, Black Castle, Republic, Empire-Kanawha, Boone, Raleigh Counties, WV	Barge	18,418	250,000	\$53.00	Note 1
03-00-18-004	Contura Coal Sales, LLC	Mammoth, Black Castle, Republic, Empire-Kanawha, Boone, Raleigh Counties, WV	Barge	58,246	37,000	\$59.00	Note 2
03-00-18-009	Contura Coal Sales, LLC	Mammoth, Black Castle, Republic, Empire-Kanawha, Boone, Raleigh Counties, WV	Barge	42,298	153,750	\$63.00	
03-00-18-008	Blackhawk Coal Sales, LLC	Blue Creek Mine, Kanawha, WV	Barge	25,422	18,750	\$64.00	
03-00-18-010	Blackhawk Coal Sales, LLC	Blue Creek Mine, Kanawha, WV	Barge	44,976	63,500	\$65.00	Note 2
07-77-05-900	Consolidation Coal Company and McElroy Coal Company	McElroy Mine, Marshall County, WV and Century Mine, Belmont/Monroe Counties, OH	Conveyor	171,265	293,668	\$42.29	Note 2

Note 1 Review Period was at the end of the Term, all obligations met.

Note 2 Company negotiated with supplier to defer tons to a later period to manage inventory piles.

(we should probably subtract 50k or something from the tons to represent what was expected in 2021

1) 03-00-18-010 allows for carryover into 2021; no quantity detailed.

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DATA REQUEST

- KPSC 1_3**
- a. As of the last day of the review period, state the coal inventory level in tons and in number of days' supply. Provide this information by generating station and in the aggregate.
 - b. Describe the criteria used to determine the number of days' supply.
 - c. State the target coal inventory level for each generating station and for the total system.
 - d. If actual coal inventory exceeds the target inventory by ten days' supply, state the reasons for the excessive inventory.
 - e. (1) State whether any significant changes in the current coal inventory target are expected within the next 12 months.

(2) If so, state the expected change and the reasons for this change.

RESPONSE

- a. As of October 31, 2020, Mitchell Plant's actual coal inventory levels (total plant) were as follows:

High Sulfur Inventory: 386,812 tons, or 41 days of supply, and
Low Sulfur Inventory: 473,626 tons, or 77 days of supply.

- b. Days' supply is determined by dividing the tons of coal in storage by the full load burn rate (tons per day).

For Mitchell High Sulfur, $\frac{386,812 \text{ tons in storage as of 10/31/2020}}{9,524 \text{ (full load burn rate - tons/day)}} = 41 \text{ days}$

For Mitchell High Sulfur, $\frac{473,626 \text{ tons in storage as of 10/31/2020}}{6,143 \text{ (full load burn rate - tons/day)}} = 77 \text{ days}$

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c. As of October 31, 2020, Kentucky Power's total coal inventory was 7 days over its' target.

Mitchell High Sulfur: Target Inventory Days = 15 days, Actual Inventory Days = 41 days

(26 days over target)

Mitchell Low Sulfur: Target Inventory Days = 30 days, Actual Inventory Days = 77 days
(47 days over target)

d. Inventory in both the high and low sulfur coal piles exceeded target by more than ten days due to Mitchell plant consuming less coal than projected in 2020. Mitchell's reduced consumption resulted from lower demand for electricity as well as low natural gas prices during the review period.

e. (1) No.

(2) Not applicable.

Witness: Jeffrey C. Dial

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DATA REQUEST

KPSC 1_4 List each written coal-supply solicitation issued during the last six months of the period under review.

a. For each solicitation, provide the date of the solicitation, the type of solicitation (contract or spot), the quantities solicited, a general description of the quality of coal solicited, the period over which deliveries were requested, and the generating unit(s) for which the coal was intended.

b. For each solicitation, state the number of vendors to whom the solicitation was sent, the number of vendors who responded, and the selected vendor(s). Provide the bid tabulation sheet or corresponding document that ranks the proposals. (This document shall identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.

RESPONSE

There were no written coal-supply solicitations issued during the last six months of the period under review.

Witness: Jeffrey C. Dial

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DATA REQUEST

- KPSC 1_5** List each oral coal-supply solicitation issued during the last six months of the period under review.
- a. For each solicitation, state why the solicitation was not written, the date(s) of the solicitation, the quantities solicited, a general description of the quality of coal solicited, the period over which deliveries were requested, and the generating unit(s) for which the coal was intended.
 - b. For each solicitation, identify all vendors solicited and the vendor(s) selected. Provide the bid tabulation sheet or other document that ranks the proposals. (This document shall identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.

RESPONSE

There were no oral coal-supply solicitations issued during the last six months of the period under review.

Witness: Jeffrey C. Dial

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DATA REQUEST

KPSC 1_6 For the last six months of the period under review, list each vendor from whom natural gas was purchased for generation and the quantities and the nature of each purchase (i.e., spot or contract). Provide the percentage of purchases that were spot versus contract.

RESPONSE

Please see attachment KPCO_R_PSC_1_06_Attachment1 for the requested information.

Witness: Clinton M. Stutler

Natural Gas Purchases
May 1, 2020 - October 31, 2020

Counterparty	Type of Purchase	Gross MMBTUs
DTE Energy Trading, Inc.	Spot	75,000
Emera Energy Services, INC.	Spot	107,700
J. Aron & Company	Spot	106,900
Macquarie Energy LLC	Spot	4,713,300
NextEra Energy Power Marketing, LLC	Spot	20,000
Range Resources - Appalachia, LLC	Spot	10,000
Sequent Energy Management, L.P.	Spot	1,012,800
Snyder Brothers, Inc.	Spot	2,000
SPOTLIGHT Energy, LLC	Spot	23,200
United Energy Trading, LLC	Spot	115,000
VITOL Inc.	Spot	70,000

Grand Total	6,255,900
Total Contract	0%
Total Spot	100%

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DATA REQUEST

KPSC 1_7 For the last six months of the period under review, state whether there were any instances in which a natural gas generating unit could not be operated when it otherwise would have run due to pipeline constraints or natural gas being unavailable.

RESPONSE

There were no instances, during the last six months of the period under review, in which a natural gas generating unit could not be operated, when it otherwise would have run due to pipeline constraints or natural gas being unavailable.

Witness: Clinton M. Stutler

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DATA REQUEST

KPSC 1_8 State whether there have been any changes to hedging activities for coal or natural gas purchases used for generation since the previous FAC review proceeding. If so, describe the changes in detail.

RESPONSE

There have been no changes to hedging activities for coal or natural gas purchases since the prior FAC review proceeding.

Witness: Clinton M. Stutler

Witness: Jeffrey C. Dial

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DATA REQUEST

- KPSC 1_9** a. State whether Kentucky Power has audited any of its fuel or transportation contracts during the last six months of the period under review.
- b. If so, for each audited contract:
- (1) Identify the contract;
 - (2) Identify the auditor; and
 - (3) State the results of the audit and describe the actions that Kentucky Power took as a result of the audit.

RESPONSE

Kentucky Power has not audited any of its fuel or transportation contracts during the last six months of the period under review.

Witness: Clinton M. Stutler

Witness: Jeffrey C. Dial

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DATA REQUEST

- KPSC 1_10** a. State whether Kentucky Power is currently involved in any litigation with its current or former fuel suppliers or transportation vendors.
- b. If yes, for each litigation:
- (1) Identify the supplier or vendor;
 - (2) Identify the contract involved;
 - (3) State the potential liability or recovery to Kentucky Power;
 - (4) List the issues presented; and
 - (5) Provide a copy of the complaint or other legal pleading that initiated the litigation and any answers or counterclaims. If a copy has previously been filed with the Commission, provide the date on which it was filed and the case in which it was filed.
- c. State the current status of all litigation with suppliers or vendors.

RESPONSE

Kentucky Power is not currently involved in any litigation with its current or former fuel suppliers or transportation vendors.

Witness: Clinton M. Stutler

Witness: Jeffrey C. Dial

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DATA REQUEST

- KPSC 1_11** a. For the last six months of the period under review, state whether there have been any changes to Kentucky Power's written policies and procedures regarding its fuel procurement.
- b. If yes:
- (1) Describe the changes;
 - (2) Provide the written policies and procedures as changed;
 - (3) State the date(s) the changes were made; and
 - (4) Explain why the changes were made.
- c. If no, provide the date Kentucky Power's current fuel procurement policies and procedures were last changed, when they were last provided to the Commission, and identify the proceeding in which they were provided.

RESPONSE

There have been no changes during the review period to Kentucky Power's written policies and procedures regarding its fuel procurement. The current fuel procurement policy was last modified May of 2018 and the corresponding changes were provided to the Commission in Case No. 2019-00002 on February 25, 2019.

Witness: Clinton M. Stutler

Witness: Jeffrey C. Dial

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DATA REQUEST

KPSC 1_12 For the last six months of the period under review and for the years 2021 and 2022, list all firm power commitments for Kentucky Power for (a) purchases and (b) sales. This list shall identify the electric utility, the amount of commitment in MW, and the purpose of the commitment (i.e., peaking, emergency).

RESPONSE

a. During the last six months of the review period Kentucky Power Company was committed to purchase 30% of AEG's 50% share of each Rockport unit, which aggregates to 393 MW for Kentucky Power. Kentucky Power is committed for the years 2021 and through December 7, 2022 to purchase the same 393 MW under the Rockport Unit Power Agreement.

b. Firm Power sales: Commitments for Kentucky Power Company, other than retail jurisdictional customers, are the Cities of Olive Hill and Vanceburg Kentucky, as shown below. The numbers listed below represent the customer's actual peak load for the period May 2020 through October 2020 and expected peak load for the years 2021 and 2022. The cities use the power for load-following service to their citizens.

	May - October 2020	2021	2022
City of Olive Hill (MW)	4.6	5.5	5.6
City of Vanceburg (MW)	10.9	12.7	12.8

Witness: Brian K. West

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DATA REQUEST

KPSC 1_13 Provide a summary of all energy or capacity sales made to or purchased from AEP East regulated sister companies participating in the Power Coordination Agreement (PCA) by month for the two-year period under review.

RESPONSE

The Company sold capacity to its affiliate Wheeling Power Company during the 2018/2019 and 2019/2020 PJM planning years. The values by month are presented in the table below.

Capacity Sold (MW)		Capacity Sold (MW)	
Jun 2018	35.7	Jun 2019	49.1
Jul 2018	35.7	Jul 2019	49.1
Aug 2018	35.7	Aug 2019	49.1
Sep 2018	35.7	Sep 2019	49.1
Oct 2018	35.7	Oct 2019	49.1
Nov 2018	35.7	Nov 2019	49.1
Dec 2018	35.7	Dec 2019	49.1
Jan 2019	35.7	Jan 2020	49.1
Feb 2019	35.7	Feb 2020	49.1
Mar 2019	35.7	Mar 2020	49.1
Apr 2019	35.7	Apr 2020	49.1
May 2019	35.7	May 2020	49.1

Witness: Jason M. Stegall

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DATA REQUEST

KPSC 1_14 Provide a monthly billing summary of sales to all electric utilities for the last six months of the period under review.

RESPONSE

Please see KPCO_R_KPSC_1_14_Attachment1 for this response.

Witness: Brian K. West

Tracking Code	Description
AMRX2	Amerex Power, Ltd
APBE2	ICAP Energy LLC
BGCF2	BGC Financial LP
BGCS2	BGC Environmental Brokerage Services, L.P.
CARB2	Carbon Solutions Group
CECA2	Commonwealth Edison Company
CEI	Citigroup Energy Inc.
DEOI2	Duke Energy Ohio, Inc.
DLPM	Duquesne Light Company
DPLG	The Dayton Power and Light Co.
EVOF2	Evolution Markets Futures, LLC
FESC	FirstEnergy Trading Services
FLET2	Flett Exchange, LLC
ICET2	ICE Trade Vault LLC
IVGE2	IVG Energy, LTD
MSCG	Morgan Stanley Capital Group
MSUI2	Mizuho Securities USA Inc.
NASIA	Systems Integration Agreement
OHPA2	Ohio Power Company (Auction)
PJM	PJM Interconnection
PJME2	PJM Environmental Info Sys Inc
PPLT2	PPL Electric Utilities Corporation
PREE2	Tullett Prebon Americas Corp.
PVMF2	PVM Futures, Inc.
RBCC2	RBC Capital Market, LLC
TFS2	TFS Energy
TFSF2	TFS Energy Futures, LLC
TRED2	Trident Brokerage Services LLC
WELF2	Wells Fargo Securities, LLC
WVPA	Wabash Valley Power Assn, Inc.

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
5	2020	117		PJM	4470006	(44,138.51)	(1,186,090.00)
5	2020	117	NEQT	DEOI2	4470006	49,720.22	1,037,000.00
5	2020	117	PICT	AMRX2	4470006	(459.04)	0.00
5	2020	117	PICT	APBE2	4470006	(202.77)	0.00
5	2020	117	PICT	BGCF2	4470006	(5.38)	0.00
5	2020	117	PICT	CECA2	4470006	64,844.59	2,341,000.00
5	2020	117	PICT	DPLG	4470006	11,527.55	237,000.00
5	2020	117	PICT	EVOF2	4470006	(102.89)	0.00
5	2020	117	PICT	FESC	4470006	288,457.47	6,172,000.00
5	2020	117	PICT	PPLT2	4470006	395,676.50	8,652,000.00
5	2020	117	PICT	PREE2	4470006	(230.48)	0.00
5	2020	117	PICT	TFSF2	4470006	(49.94)	0.00
5	2020	117	PICT	TRED2	4470006	(27.15)	0.00
5	2020	117	PSHD	AMRX2	4470006	(17.17)	0.00
5	2020	117	PSHD	EVOF2	4470006	(7.80)	0.00
5	2020	117	PSHD	PREE2	4470006	(54.04)	0.00
					4470006 Total	764,931.16	
5	2020	117		ICET2	4470010	(12.19)	0.00
5	2020	117		PJM	4470010	(7,055.92)	(238,875.00)
5	2020	117		PJM	4470010	(31,137.69)	(1,080,270.00)
5	2020	117		PJM	4470010	806.43	0.00
5	2020	117		PJM	4470010	194.28	0.00
5	2020	117		PJM	4470010	(84,445.43)	(3,397,448.00)
5	2020	117		PJM	4470010	(182,337.50)	(6,221,918.00)
5	2020	117		PJM	4470010	(210.86)	0.00
5	2020	117		PJM	4470010	(113.24)	0.00
5	2020	117		PJM	4470010	(96,684.28)	(3,545,201.00)
5	2020	117		PJM	4470010	(123,962.34)	(5,439,330.00)
5	2020	117	PHRT	ICET2	4470010	(9.75)	0.00
5	2020	117	PICT	AMRX2	4470010	(372.27)	0.00
5	2020	117	PICT	APBE2	4470010	(184.60)	0.00
5	2020	117	PICT	EVOF2	4470010	(36.44)	0.00
5	2020	117	PICT	ICET2	4470010	(18.29)	0.00
5	2020	117	PICT	PREE2	4470010	(447.19)	0.00
5	2020	117	PICT	TFSF2	4470010	(49.94)	0.00
5	2020	117	PICT	TRED2	4470010	(39.50)	0.00
5	2020	117	PMCB	APBE2	4470010	(12.87)	0.00
5	2020	117	PSHD	AMRX2	4470010	(25.75)	0.00
5	2020	117	PSHD	EVOF2	4470010	(35.27)	0.00
5	2020	117	PSHD	TRED2	4470010	(63.19)	0.00
					4470010 Total	(526,253.80)	
5	2020	117	PEQT	MSUI2	4470082	(2,621.69)	0.00
5	2020	117	PEQT	WELF2	4470082	(2,787.72)	0.00
5	2020	117	PHRT	RBCC2	4470082	1,156.25	0.00
5	2020	117	PHRT	WELF2	4470082	(1,266.27)	0.00
5	2020	117	PICT	CEI	4470082	(6,412.81)	0.00

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
5	2020	117	PICT	MSCG	4470082	(4,468.33)	0.00
5	2020	117	PICT	MSUI2	4470082	(149.97)	0.00
5	2020	117	PICT	RBCC2	4470082	(86,576.39)	0.00
5	2020	117	PICT	WELF2	4470082	(251,286.86)	0.00
5	2020	117	PICT	WVPA	4470082	27,835.89	0.00
5	2020	117	PMCB	WELF2	4470082	1,204.49	0.00
5	2020	117	PSHD	WELF2	4470082	(12.59)	0.00
					4470082 Total	(325,386.00)	
5	2020	117		PJM	4470089	30,721.64	0.00
					4470089 Total	30,721.64	
5	2020	117		PJM	4470098	(1,518.31)	0.00
					4470098 Total	(1,518.31)	
5	2020	117		PJM	4470099	295,469.64	0.00
					4470099 Total	295,469.64	
5	2020	117		PJM	4470100	121,362.43	0.00
					4470100 Total	121,362.43	
5	2020	117		PJM	4470103	758,290.78	40,806,102.00
					4470103 Total	758,290.78	
5	2020	117		PJM	4470107	(0.40)	0.00
					4470107 Total	(0.40)	
5	2020	117		PJM	4470110	(0.02)	0.00
					4470110 Total	(0.02)	
5	2020	117		PJM	4470115	(420.29)	0.00
					4470115 Total	(420.29)	
5	2020	117		PJM	4470126	15,713.95	0.00
					4470126 Total	15,713.95	
5	2020	117		PJM	4470127	29,753.00	0.00
					4470127 Total	29,753.00	
5	2020	117		PJM	4470131	50.54	0.00
5	2020	117		PJM	4470131	30.93	0.00
					4470131 Total	81.47	
5	2020	117	PHHS	APBE2	4470143	(1.19)	0.00
5	2020	117	PHHS	ICET2	4470143	(0.40)	0.00
5	2020	117	PHHS	MSUI2	4470143	(0.01)	0.00
5	2020	117	PHHS	WELF2	4470143	3,890.41	0.00
					4470143 Total	3,888.81	
5	2020	117		OHPA2	4470151	164,384.85	3,474,981.49
					4470151 Total	164,384.85	
5	2020	117	Physical	NASIA	4470175	(432,026.87)	0.00
5	2020	117	Trading	NASIA	4470175	(57,865.01)	0.00
					4470175 Total	(489,891.88)	
5	2020	117	Physical	NASIA	4470176	432,026.87	0.00
5	2020	117	Trading	NASIA	4470176	57,865.01	0.00
					4470176 Total	489,891.88	
5	2020	117		PJM	4470206	1,047.58	0.00
					4470206 Total	1,047.58	

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
5	2020	117		PJM	4470209	(7,883.06)	0.00
					4470209 Total	(7,883.06)	
5	2020	117		PJM	4470214	15.75	0.00
					4470214 Total	15.75	
5	2020	117		PJM	4470215	(12.60)	0.00
					4470215 Total	(12.60)	
5	2020	117		PJM	4470220	79,607.71	0.00
					4470220 Total	79,607.71	
5	2020	117		PJM	4470221	211.53	0.00
					4470221 Total	211.53	
5	2020	117		PJM	5550039	(261.35)	0.00
					5550039 Total	(261.35)	
5	2020	110		BGCS2	5570007	(57.65)	(293.00)
5	2020	110		FLET2	5570007	(729.11)	(22.00)
5	2020	110		PJME2	5570007	(42.76)	(10,690.00)
5	2020	110		TFS2	5570007	197.52	1,463.00
					5570007 Total	(632.00)	
5	2020	117		PJM	5614000	0.00	0.00
5	2020	117		PJM	5614000	(6,521.77)	0.00
					5614000 Total	(6,521.77)	
5	2020	117			5614008	0.00	0.00
5	2020	117		PJM	5614008	(13.73)	0.00
5	2020	117		PJM	5614008	(8.56)	0.00
5	2020	117		PJM	5614008	(45.15)	0.00
5	2020	117		PJM	5614008	(1.11)	0.00
5	2020	117		PJM	5614008	(0.22)	0.00
5	2020	117		PJM	5614008	(0.08)	0.00
5	2020	117		PJM	5614008	(4.37)	0.00
5	2020	117		PJM	5614008	(19.66)	0.00
5	2020	117		PJM	5614008	(0.01)	0.00
5	2020	117		PJM	5614008	(255.18)	0.00
5	2020	117		PJM	5614008	(0.28)	0.00
5	2020	117		PJM	5614008	(9.25)	0.00
5	2020	117		PJM	5614008	(0.52)	0.00
5	2020	117		PJM	5614008	(9.35)	0.00
5	2020	180		PJM	5614008	0.00	0.00
					5614008 Total	(367.47)	
5	2020	117		PJM	5618000	0.00	0.00
5	2020	117		PJM	5618000	(1,653.53)	0.00
5	2020	117		PJM	5618000	(48.79)	0.00
					5618000 Total	(1,702.32)	
5	2020	117		PJM	5757000	0.00	0.00
5	2020	117		PJM	5757000	(5,298.56)	0.00
5	2020	117		PJM	5757000	(1,170.63)	0.00
					5757000 Total	(6,469.19)	
					May Grand Total	1,388,051.72	

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
6	2020	117		PJM	4470006	2.44	(1,154,870.00)
6	2020	117	NEQT	DEOI2	4470006	(1,561.77)	(33,000.00)
6	2020	117	PHRT	IVGE2	4470006	(17.51)	0.00
6	2020	117	PICT	AMRX2	4470006	(172.90)	0.00
6	2020	117	PICT	APBE2	4470006	(41.84)	0.00
6	2020	117	PICT	CECA2	4470006	0.00	0.00
6	2020	117	PICT	DLPM	4470006	20,384.45	504,000.00
6	2020	117	PICT	DPLG	4470006	1,720.72	35,000.00
6	2020	117	PICT	EVOF2	4470006	(263.83)	0.00
6	2020	117	PICT	FESC	4470006	95,277.19	2,108,000.00
6	2020	117	PICT	PPLT2	4470006	136,117.34	3,218,000.00
6	2020	117	PICT	PREE2	4470006	(251.72)	0.00
6	2020	117	PICT	TFSF2	4470006	(541.94)	0.00
6	2020	117	PICT	TRED2	4470006	(137.69)	0.00
6	2020	117	PSHD	EVOF2	4470006	(67.11)	0.00
					4470006 Total	250,445.83	
6	2020	117		ICET2	4470010	(66.49)	0.00
6	2020	117		PJM	4470010	(939.45)	(11,962.00)
6	2020	117		PJM	4470010	4,225.48	278,506.00
6	2020	117		PJM	4470010	(5.57)	0.00
6	2020	117		PJM	4470010	(45,779.58)	(1,644,854.00)
6	2020	117		PJM	4470010	(134,388.71)	(4,550,913.00)
6	2020	117		PJM	4470010	(197,674.89)	(6,666,030.00)
6	2020	117		PJM	4470010	(136.05)	0.00
6	2020	117		PJM	4470010	(70.20)	0.00
6	2020	117		PJM	4470010	(3,262.50)	(83,793.00)
6	2020	117		PJM	4470010	(152,702.70)	(5,130,756.00)
6	2020	117		PJM	4470010	4,372.75	0.00
6	2020	117	PHRT	ICET2	4470010	(9.75)	0.00
6	2020	117	PHRT	IVGE2	4470010	(17.51)	0.00
6	2020	117	PICT	AMRX2	4470010	(355.64)	0.00
6	2020	117	PICT	APBE2	4470010	(31.00)	0.00
6	2020	117	PICT	EVOF2	4470010	(165.31)	0.00
6	2020	117	PICT	ICET2	4470010	(18.29)	0.00
6	2020	117	PICT	PREE2	4470010	(102.98)	0.00
6	2020	117	PICT	TFSF2	4470010	(646.16)	0.00
6	2020	117	PICT	TRED2	4470010	(164.48)	0.00
6	2020	117	PMCB	APBE2	4470010	(3.95)	0.00
6	2020	117	PSHD	IVGE2	4470010	(24.58)	0.00
					4470010 Total	(527,967.56)	
6	2020	117	PEQT	MSUI2	4470082	(67.65)	0.00
6	2020	117	PEQT	WELF2	4470082	371.89	0.00
6	2020	117	PHRT	RBCC2	4470082	3,615.62	0.00
6	2020	117	PHRT	WELF2	4470082	(3,429.59)	0.00
6	2020	117	PICT	CEI	4470082	(2,229.95)	0.00
6	2020	117	PICT	MSCG	4470082	0.00	0.00

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
6	2020	117	PICT	MSUI2	4470082	(5.11)	0.00
6	2020	117	PICT	RBCC2	4470082	(927.68)	0.00
6	2020	117	PICT	WELF2	4470082	(129,462.31)	0.00
6	2020	117	PICT	WVPA	4470082	25,062.20	0.00
6	2020	117	PMCB	WELF2	4470082	(784.25)	0.00
6	2020	117	PSHD	RBCC2	4470082	2,510.96	0.00
6	2020	117	PSHD	WELF2	4470082	(7,929.45)	0.00
					4470082 Total	(113,275.32)	
6	2020	117		PJM	4470089	25,001.91	0.00
					4470089 Total	25,001.91	
6	2020	117		PJM	4470098	(5,310.15)	0.00
					4470098 Total	(5,310.15)	
6	2020	117		PJM	4470099	220,978.69	0.00
					4470099 Total	220,978.69	
6	2020	117		PJM	4470100	57,948.69	0.00
					4470100 Total	57,948.69	
6	2020	117		PJM	4470103	994,289.32	47,869,182.00
					4470103 Total	994,289.32	
6	2020	117		PJM	4470107	(0.40)	0.00
					4470107 Total	(0.40)	
6	2020	117		PJM	4470110	(0.01)	0.00
					4470110 Total	(0.01)	
6	2020	117		PJM	4470115	(1,532.73)	0.00
					4470115 Total	(1,532.73)	
6	2020	117		PJM	4470126	7,897.43	0.00
					4470126 Total	7,897.43	
6	2020	117		PJM	4470131	(0.48)	0.00
6	2020	117		PJM	4470131	(0.27)	0.00
6	2020	117		PJM	4470131	0.02	0.00
6	2020	117		PJM	4470131	0.19	0.00
					4470131 Total	(0.54)	
6	2020	117	PHHS	ICET2	4470143	(2.90)	0.00
6	2020	117	PHHS	WELF2	4470143	6,678.20	0.00
					4470143 Total	6,675.30	
6	2020	117		OHPA2	4470151	7,279.24	153,929.45
					4470151 Total	7,279.24	
6	2020	117	Physical	NASIA	4470175	9,806,567.58	0.00
6	2020	117	Trading	NASIA	4470175	(10,354,523.62)	0.00
					4470175 Total	(547,956.04)	
6	2020	117	Physical	NASIA	4470176	(9,806,567.58)	0.00
6	2020	117	Trading	NASIA	4470176	10,354,523.62	0.00
					4470176 Total	547,956.04	

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
6	2020	117		PJM	4470206	3,597.95	0.00
					4470206 Total	3,597.95	
6	2020	117		PJM	4470209	(18,030.42)	0.00
					4470209 Total	(18,030.42)	
6	2020	117		PJM	4470214	5,765.49	0.00
					4470214 Total	5,765.49	
6	2020	117		PJM	4470215	(3,576.18)	0.00
					4470215 Total	(3,576.18)	
6	2020	117		PJM	4470220	66,289.78	0.00
					4470220 Total	66,289.78	
6	2020	117		PJM	4470221	167.01	0.00
					4470221 Total	167.01	
6	2020	117		PJM	5550039	(296.74)	0.00
					5550039 Total	(296.74)	
6	2020	110		PJME2	5570007	(38.09)	(9,522.00)
					5570007 Total	(38.09)	
6	2020	117		PJM	5614000	0.00	0.00
6	2020	117		PJM	5614000	(8,969.42)	0.00
					5614000 Total	(8,969.42)	
6	2020	117			5614008	0.00	0.00
6	2020	117		PJM	5614008	(22.80)	0.00
6	2020	117		PJM	5614008	(14.22)	0.00
6	2020	117		PJM	5614008	(75.00)	0.00
6	2020	117		PJM	5614008	(13.33)	0.00
6	2020	117		PJM	5614008	(2.65)	0.00
6	2020	117		PJM	5614008	(0.99)	0.00
6	2020	117		PJM	5614008	(7.26)	0.00
6	2020	117		PJM	5614008	(32.66)	0.00
6	2020	117		PJM	5614008	(0.02)	0.00
6	2020	117		PJM	5614008	(0.01)	0.00
6	2020	117		PJM	5614008	(423.91)	0.00
6	2020	117		PJM	5614008	(3.32)	0.00
6	2020	117		PJM	5614008	(15.36)	0.00
6	2020	117		PJM	5614008	(0.86)	0.00
6	2020	117		PJM	5614008	(15.54)	0.00
6	2020	180		PJM	5614008	0.00	0.00
					5614008 Total	(627.93)	
6	2020	117		PJM	5618000	0.00	0.00
6	2020	117		PJM	5618000	(2,271.02)	0.00
6	2020	117		PJM	5618000	(24.49)	0.00
					5618000 Total	(2,295.51)	
6	2020	117		PJM	5757000	0.00	0.00
6	2020	117		PJM	5757000	(7,338.14)	0.00
6	2020	117		PJM	5757000	(588.00)	0.00
					5757000 Total	(7,926.14)	
					June Grand Total	956,489.50	

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
7	2020	117		AMRX2	4470006	(145.75)	0.00
7	2020	117		APBE2	4470006	(101.21)	0.00
7	2020	117		EVOF2	4470006	(425.56)	0.00
7	2020	117		ICET2	4470006	(883.72)	0.00
7	2020	117		IVGE2	4470006	(532.85)	0.00
7	2020	117		NASIA	4470006	0.00	0.00
7	2020	117		PJM	4470006	4.95	0.00
7	2020	117		PREE2	4470006	(1,268.97)	0.00
7	2020	117		TFSF2	4470006	(407.58)	0.00
7	2020	117		TRED2	4470006	(172.08)	0.00
7	2020	117	NEQT	DEO12	4470006	1,060.91	23,000.00
7	2020	117	PICT	DLPM	4470006	25,605.88	634,000.00
7	2020	117	PICT	DPLG	4470006	1,109.78	23,000.00
7	2020	117	PICT	FESC	4470006	121,150.40	2,686,000.00
7	2020	117	PICT	PPLT2	4470006	168,515.79	3,956,000.00
					4470006 Total	313,509.99	
7	2020	117		PJM	4470010	9.08	0.00
7	2020	117		PJM	4470010	13.30	0.00
7	2020	117		PJM	4470010	37.75	0.00
7	2020	117		PJM	4470010	28.07	0.00
7	2020	117		PJM	4470010	(634.25)	(11,714.00)
7	2020	117		PJM	4470010	5.12	0.00
7	2020	117		PJM	4470010	3,802.80	(13,461.00)
7	2020	117		PJM	4470010	0.21	0.00
7	2020	117		PJM	4470010	8,953.76	510,572.00
7	2020	117		PJM	4470010	33,715.99	1,300,082.00
7	2020	117		PJM	4470010	38,999.20	1,910,064.00
7	2020	117		PJM	4470010	58.61	0.00
7	2020	117		PJM	4470010	53.10	0.00
7	2020	117		PJM	4470010	(3,174.27)	(195,945.00)
7	2020	117		PJM	4470010	10.21	0.00
7	2020	117		PJM	4470010	1.03	0.00
7	2020	117		PJM	4470010	32,740.17	1,447,761.00
7	2020	117		PJM	4470010	8.97	0.00
7	2020	117		PJM	4470010	0.01	0.00
7	2020	117		PJM	4470010	1.15	0.00
7	2020	117		PJM	4470010	1.00	0.00
7	2020	117		PJM	4470010	1.58	0.00
7	2020	117		PJM	4470010	0.20	0.00
7	2020	117		PJM	4470010	0.69	0.00
					4470010 Total	114,633.48	
7	2020	117	PEQT	WELF2	4470082	0.00	0.00
7	2020	117	PHRT	RBCC2	4470082	1,236.87	0.00
7	2020	117	PHRT	WELF2	4470082	(724.48)	0.00
7	2020	117	PICT	CEI	4470082	(2,561.04)	0.00
7	2020	117	PICT	RBCC2	4470082	639.81	0.00

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
7	2020	117	PICT	WELF2	4470082	(20,823.28)	0.00
7	2020	117	PICT	WVPA	4470082	11,560.27	0.00
7	2020	117	PMCB	WELF2	4470082	2,636.63	0.00
7	2020	117	PSHD	RBCC2	4470082	(3.78)	0.00
7	2020	117	PSHD	WELF2	4470082	(76,207.35)	0.00
					4470082 Total	(84,246.35)	
7	2020	117		NASIA	4470089	0.00	0.00
7	2020	117		PJM	4470089	326,425.53	0.00
					4470089 Total	326,425.53	
7	2020	117		NASIA	4470098	0.00	0.00
7	2020	117		PJM	4470098	0.11	0.00
7	2020	117		PJM	4470098	(6,866.46)	0.00
					4470098 Total	(6,866.35)	
7	2020	117		NASIA	4470099	0.00	0.00
7	2020	117		PJM	4470099	199,741.97	0.00
					4470099 Total	199,741.97	
7	2020	117		NASIA	4470100	0.00	0.00
7	2020	117		PJM	4470100	36,207.83	0.00
					4470100 Total	36,207.83	
7	2020	117		NASIA	4470103	0.00	0.00
7	2020	117		PJM	4470103	2,139,254.57	85,449,419.00
					4470103 Total	2,139,254.57	
7	2020	117		PJM	4470107	(0.40)	0.00
					4470107 Total	(0.40)	
7	2020	117		NASIA	4470115	0.00	0.00
7	2020	117		PJM	4470115	352.86	0.00
					4470115 Total	352.86	
7	2020	117		PJM	4470126	(27,702.19)	0.00
					4470126 Total	(27,702.19)	
7	2020	117		PJM	4470131	0.53	0.00
7	2020	117		PJM	4470131	0.04	0.00
7	2020	117		PJM	4470131	0.02	0.00
7	2020	117		PJM	4470131	(2.71)	0.00
					4470131 Total	(2.12)	
7	2020	117	PHHS	WELF2	4470143	136,737.10	0.00
					4470143 Total	136,737.10	
7	2020	117		OHPA2	4470151	9,287.30	195,901.21
					4470151 Total	9,287.30	
7	2020	117	Physical	NASIA	4470175	180,406.05	0.00
7	2020	117	Trading	NASIA	4470175	111,555.01	0.00
					4470175 Total	291,961.06	
7	2020	117	Physical	NASIA	4470176	(180,406.05)	0.00
7	2020	117	Trading	NASIA	4470176	(111,555.01)	0.00
					4470176 Total	(291,961.06)	
7	2020	117		PJM	4470206	13,070.80	0.00
					4470206 Total	13,070.80	

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
7	2020	117		PJM	4470209	(58,303.27)	0.00
					4470209 Total	(58,303.27)	
7	2020	117		NASIA	4470214	0.00	0.00
7	2020	117		PJM	4470214	60.75	0.00
					4470214 Total	60.75	
7	2020	117		NASIA	4470215	0.00	0.00
7	2020	117		PJM	4470215	95.75	0.00
					4470215 Total	95.75	
7	2020	117		NASIA	4470220	0.00	0.00
7	2020	117		PJM	4470220	131,875.11	0.00
					4470220 Total	131,875.11	
7	2020	117		NASIA	4470221	0.00	0.00
7	2020	117		PJM	4470221	259.93	0.00
					4470221 Total	259.93	
7	2020	117		NASIA	4470222	0.00	0.00
					4470222 Total	0.00	
7	2020	117		PJM	5550039	(1,080.80)	0.00
					5550039 Total	(1,080.80)	
7	2020	117		PJM	5550099	1.20	0.00
7	2020	117		PJM	5550099	3.04	0.00
7	2020	117		PJM	5550099	9.77	0.00
7	2020	117		PJM	5550099	2.42	0.00
7	2020	117		PJM	5550099	5.17	0.00
7	2020	117		PJM	5550099	0.83	0.00
7	2020	117		PJM	5550099	0.15	0.00
7	2020	117		PJM	5550099	0.74	0.00
					5550099 Total	23.32	
7	2020	110		CARB2	5570007	(2,925.15)	(297.00)
7	2020	110		PJME2	5570007	(35.96)	(8,990.00)
					5570007 Total	(2,961.11)	
7	2020	117		PJM	5614000	0.00	0.00
7	2020	117		PJM	5614000	(7,406.04)	0.00
					5614000 Total	(7,406.04)	
7	2020	117			5614008	0.00	0.00
7	2020	117		PJM	5614008	(23.23)	0.00
7	2020	117		PJM	5614008	(14.70)	0.00
7	2020	117		PJM	5614008	(77.53)	0.00
7	2020	117		PJM	5614008	(18.46)	0.00
7	2020	117		PJM	5614008	(3.68)	0.00
7	2020	117		PJM	5614008	(1.37)	0.00
7	2020	117		PJM	5614008	(7.50)	0.00
7	2020	117		PJM	5614008	(33.76)	0.00
7	2020	117		PJM	5614008	(0.02)	0.00
7	2020	117		PJM	5614008	(0.01)	0.00
7	2020	117		PJM	5614008	(431.81)	0.00
7	2020	117		PJM	5614008	(4.59)	0.00

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
7	2020	117		PJM	5614008	(15.88)	0.00
7	2020	117		PJM	5614008	(0.87)	0.00
7	2020	117		PJM	5614008	(52.24)	0.00
7	2020	180		PJM	5614008	0.00	0.00
					5614008 Total	(685.65)	
7	2020	117		PJM	5618000	0.00	0.00
7	2020	117		PJM	5618000	(3,166.57)	0.00
7	2020	117		PJM	5618000	(16.98)	0.00
					5618000 Total	(3,183.55)	
7	2020	117		PJM	5757000	0.00	0.00
7	2020	117		PJM	5757000	(8,865.79)	0.00
7	2020	117		PJM	5757000	(407.40)	0.00
					5757000 Total	(9,273.19)	
					July Grand Total	3,219,825.27	

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
8	2020	117		AMRX2	4470006	(22.40)	0.00
8	2020	117		APBE2	4470006	(187.98)	0.00
8	2020	117		EVOF2	4470006	(140.15)	0.00
8	2020	117		ICET2	4470006	(996.81)	0.00
8	2020	117		IVGE2	4470006	(108.97)	0.00
8	2020	117		PJM	4470006	1.14	0.00
8	2020	117		PREE2	4470006	(264.50)	0.00
8	2020	117		TFSF2	4470006	(41.65)	0.00
8	2020	117		TRED2	4470006	(90.33)	0.00
8	2020	117	NEQT	DEOI2	4470006	10,620.42	222,000.00
8	2020	117	PICT	DLPM	4470006	23,202.81	574,000.00
8	2020	117	PICT	DPLG	4470006	0.00	0.00
8	2020	117	PICT	FESC	4470006	109,623.81	2,427,000.00
8	2020	117	PICT	PPLT2	4470006	151,078.28	3,553,000.00
					4470006 Total	292,673.67	
8	2020	117		PJM	4470010	(242.71)	0.00
8	2020	117		PJM	4470010	(5,548.04)	11,474.00
8	2020	117		PJM	4470010	(18,703.53)	(579,514.00)
8	2020	117		PJM	4470010	(51,936.28)	(1,665,267.00)
8	2020	117		PJM	4470010	(76,507.02)	(2,417,936.00)
8	2020	117		PJM	4470010	(42.08)	0.00
8	2020	117		PJM	4470010	(45.85)	0.00
8	2020	117		PJM	4470010	(4,431.15)	63.00
8	2020	117		PJM	4470010	(59,359.31)	(1,918,733.00)
					4470010 Total	(216,815.97)	
8	2020	117	PHRT	RBCC2	4470082	4,724.29	0.00
8	2020	117	PHRT	WELF2	4470082	(4,030.56)	0.00
8	2020	117	PICT	CEI	4470082	(3,256.23)	0.00
8	2020	117	PICT	RBCC2	4470082	1,395.21	0.00
8	2020	117	PICT	WELF2	4470082	(44,330.57)	0.00
8	2020	117	PICT	WVPA	4470082	16,141.73	0.00
8	2020	117	PMCB	WELF2	4470082	2,740.58	0.00
8	2020	117	PSHD	WELF2	4470082	(14,278.37)	0.00
					4470082 Total	(40,893.92)	
8	2020	117		PJM	4470089	(30,021.49)	0.00
					4470089 Total	(30,021.49)	
8	2020	117		PJM	4470098	(5,533.65)	0.00
					4470098 Total	(5,533.65)	
8	2020	117		PJM	4470099	199,741.99	0.00
					4470099 Total	199,741.99	
8	2020	117		PJM	4470100	9,967.10	0.00
					4470100 Total	9,967.10	
8	2020	117		PJM	4470103	1,340,989.23	47,511,718.00
					4470103 Total	1,340,989.23	
8	2020	117		PJM	4470107	(0.41)	0.00
					4470107 Total	(0.41)	

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
8	2020	117		PJM	4470110	0.01	0.00
					4470110 Total	0.01	
8	2020	117		PJM	4470115	(693.15)	0.00
					4470115 Total	(693.15)	
8	2020	117		PJM	4470126	(8,225.06)	0.00
					4470126 Total	(8,225.06)	
8	2020	117		PJM	4470131	(0.66)	0.00
8	2020	117		PJM	4470131	(0.18)	0.00
8	2020	117		PJM	4470131	(0.08)	0.00
8	2020	117		PJM	4470131	(0.30)	0.00
					4470131 Total	(1.22)	
8	2020	117	PHHS	WELF2	4470143	28,022.11	0.00
					4470143 Total	28,022.11	
8	2020	117		OHPA2	4470151	(515.54)	0.00
					4470151 Total	(515.54)	
8	2020	117	Physical	NASIA	4470175	(412,971.15)	0.00
8	2020	117	Trading	NASIA	4470175	(32,699.25)	0.00
					4470175 Total	(445,670.40)	
8	2020	117	Physical	NASIA	4470176	412,971.15	0.00
8	2020	117	Trading	NASIA	4470176	32,699.25	0.00
					4470176 Total	445,670.40	
8	2020	117		PJM	4470206	6,663.33	0.00
					4470206 Total	6,663.33	
8	2020	117		PJM	4470209	(29,675.42)	0.00
					4470209 Total	(29,675.42)	
8	2020	117		PJM	4470214	3,634.69	0.00
					4470214 Total	3,634.69	
8	2020	117		PJM	4470215	(2,543.16)	0.00
					4470215 Total	(2,543.16)	
8	2020	117		PJM	4470220	71,634.78	0.00
					4470220 Total	71,634.78	
8	2020	117		PJM	4470221	597.81	0.00
					4470221 Total	597.81	
8	2020	117		PJM	5550039	327.19	0.00
					5550039 Total	327.19	
8	2020	110			5570007	(13.86)	(3,465.00)
					5570007 Total	(13.86)	
8	2020	117		PJM	5614000	0.00	0.00
8	2020	117		PJM	5614000	(14,061.48)	0.00
					5614000 Total	(14,061.48)	
8	2020	117			5614008	0.00	0.00
8	2020	117		PJM	5614008	(5.68)	0.00
8	2020	117		PJM	5614008	(3.60)	0.00
8	2020	117		PJM	5614008	(18.96)	0.00
8	2020	117		PJM	5614008	(19.17)	0.00
8	2020	117		PJM	5614008	(3.99)	0.00

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
8	2020	117		PJM	5614008	(1.92)	0.00
8	2020	117		PJM	5614008	(1.84)	0.00
8	2020	117		PJM	5614008	(8.26)	0.00
8	2020	117		PJM	5614008	(105.61)	0.00
8	2020	117		PJM	5614008	(6.45)	0.00
8	2020	117		PJM	5614008	(3.88)	0.00
8	2020	117		PJM	5614008	(0.21)	0.00
8	2020	117		PJM	5614008	(3.93)	0.00
8	2020	180		PJM	5614008	0.00	0.00
					5614008 Total	(183.50)	
8	2020	117		PJM	5618000	0.00	0.00
8	2020	117		PJM	5618000	(2,693.97)	0.00
8	2020	117		PJM	5618000	(16.97)	0.00
					5618000 Total	(2,710.94)	
8	2020	117		PJM	5757000	0.00	0.00
8	2020	117		PJM	5757000	(9,891.49)	0.00
8	2020	117		PJM	5757000	(407.20)	0.00
					5757000 Total	(10,298.69)	
					August Grand Total	1,592,064.45	

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
9	2020	117		AMRX2	4470006	(59.43)	0.00
9	2020	117		APBE2	4470006	(173.88)	0.00
9	2020	117		BGCS2	4470006	(25.74)	0.00
9	2020	117		EVOF2	4470006	(412.33)	0.00
9	2020	117		ICET2	4470006	(1,111.93)	0.00
9	2020	117		PREE2	4470006	(214.17)	0.00
9	2020	117		TFSF2	4470006	(33.48)	0.00
9	2020	117		TRED2	4470006	(84.58)	0.00
9	2020	117	NEQT	DEOI2	4470006	(1,184.93)	0.00
9	2020	117	PICT	DLPM	4470006	19,031.37	470,000.00
9	2020	117	PICT	FESC	4470006	73,769.30	1,896,000.00
9	2020	117	PICT	PPLT2	4470006	115,167.95	2,714,000.00
4470006 Total						204,668.15	
9	2020	117		PJM	4470010	(0.04)	0.00
9	2020	117		PJM	4470010	3.04	0.00
9	2020	117		PJM	4470010	(14,218.34)	(467,701.00)
9	2020	117		PJM	4470010	(35,282.44)	(1,365,291.00)
9	2020	117		PJM	4470010	(58,302.46)	(1,963,059.00)
9	2020	117		PJM	4470010	(35.78)	0.00
9	2020	117		PJM	4470010	(19.40)	0.00
9	2020	117		PJM	4470010	1.72	0.00
9	2020	117		PJM	4470010	(36,828.63)	(1,329,663.00)
4470010 Total						(144,682.33)	
9	2020	117	PHRT	RBCC2	4470082	(4,452.44)	0.00
9	2020	117	PHRT	WELF2	4470082	5,167.85	0.00
9	2020	117	PICT	CEI	4470082	(2,457.57)	0.00
9	2020	117	PICT	RBCC2	4470082	1,415.33	0.00
9	2020	117	PICT	WELF2	4470082	(102,802.24)	0.00
9	2020	117	PICT	WVPA	4470082	23,037.66	0.00
9	2020	117	PMCB	WELF2	4470082	(709.58)	0.00
9	2020	117	PSHD	WELF2	4470082	(1,873.69)	0.00
4470082 Total						(82,674.68)	
9	2020	117		PJM	4470089	(62,760.24)	0.00
4470089 Total						(62,760.24)	
9	2020	117		PJM	4470098	(580.41)	0.00
4470098 Total						(580.41)	
9	2020	117		PJM	4470099	193,298.70	0.00
4470099 Total						193,298.70	
9	2020	117		PJM	4470100	597.21	0.00
4470100 Total						597.21	
9	2020	117		PJM	4470103	188,523.06	7,031,082.00
4470103 Total						188,523.06	
9	2020	117		PJM	4470107	(0.41)	0.00
4470107 Total						(0.41)	
9	2020	117		PJM	4470110	0.05	0.00
4470110 Total						0.05	

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
9	2020	117		PJM	4470115	535.06	0.00
					4470115 Total	535.06	
9	2020	117		PJM	4470126	3,759.31	0.00
					4470126 Total	3,759.31	
9	2020	117		PJM	4470131	(0.01)	0.00
9	2020	117		PJM	4470131	(0.01)	0.00
					4470131 Total	(0.02)	
9	2020	117	PHHS	WELF2	4470143	0.00	0.00
					4470143 Total	0.00	
9	2020	117		OHPA2	4470151	(28.25)	0.00
					4470151 Total	(28.25)	
9	2020	117	Physical	NASIA	4470175	(525,739.51)	0.00
9	2020	117	Trading	NASIA	4470175	69,612.46	0.00
					4470175 Total	(456,127.05)	
9	2020	117	Physical	NASIA	4470176	525,739.51	0.00
9	2020	117	Trading	NASIA	4470176	(69,612.46)	0.00
					4470176 Total	456,127.05	
9	2020	117		PJM	4470206	713.64	0.00
					4470206 Total	713.64	
9	2020	117		PJM	4470209	(3,299.76)	0.00
					4470209 Total	(3,299.76)	
9	2020	117		PJM	4470214	23.30	0.00
					4470214 Total	23.30	
9	2020	117		PJM	4470215	(20.47)	0.00
					4470215 Total	(20.47)	
9	2020	117		PJM	4470220	14,265.77	0.00
					4470220 Total	14,265.77	
9	2020	117		PJM	4470221	0.00	0.00
					4470221 Total	0.00	
9	2020	117		PJM	5550039	(43.77)	0.00
					5550039 Total	(43.77)	
9	2020	110		PJME2	5570007	(18.09)	(4,523.00)
					5570007 Total	(18.09)	
9	2020	117		PJM	5614000	0.00	0.00
9	2020	117		PJM	5614000	(1,190.54)	0.00
					5614000 Total	(1,190.54)	
9	2020	117			5614008	0.00	0.00
9	2020	117		PJM	5614008	0.55	0.00
9	2020	117		PJM	5614008	0.35	0.00
9	2020	117		PJM	5614008	1.84	0.00
9	2020	117		PJM	5614008	0.35	0.00
9	2020	117		PJM	5614008	0.07	0.00
9	2020	117		PJM	5614008	0.04	0.00
9	2020	117		PJM	5614008	0.18	0.00
9	2020	117		PJM	5614008	0.80	0.00
9	2020	117		PJM	5614008	10.27	0.00

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
9	2020	117		PJM	5614008	0.12	0.00
9	2020	117		PJM	5614008	0.38	0.00
9	2020	117		PJM	5614008	0.02	0.00
9	2020	117		PJM	5614008	0.38	0.00
9	2020	180		PJM	5614008	0.00	0.00
					5614008 Total	15.35	
9	2020	117		PJM	5618000	0.00	0.00
9	2020	117		PJM	5618000	(321.91)	0.00
9	2020	117		PJM	5618000	(16.40)	0.00
					5618000 Total	(338.31)	
9	2020	117		PJM	5757000	0.00	0.00
9	2020	117		PJM	5757000	(889.13)	0.00
9	2020	117		PJM	5757000	(393.87)	0.00
					5757000 Total	(1,283.00)	
					September Grand Total	309,479.32	

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
10	2020	117		AMRX2	4470006	(96.18)	0.00
10	2020	117		APBE2	4470006	(71.66)	0.00
10	2020	117		EVOF2	4470006	(137.21)	0.00
10	2020	117		ICET2	4470006	(1,085.77)	0.00
10	2020	117		IVGE2	4470006	(77.61)	0.00
10	2020	117		NASIA	4470006	0.00	0.00
10	2020	117		PJM	4470006	(0.04)	0.00
10	2020	117		PREE2	4470006	(265.99)	0.00
10	2020	117		PVMF2	4470006	(8.51)	0.00
10	2020	117		TFSF2	4470006	(9.98)	0.00
10	2020	117		TRED2	4470006	(68.70)	0.00
10	2020	117	PICT	DLPM	4470006	17,054.80	422,000.00
10	2020	117	PICT	FESC	4470006	70,008.55	1,802,000.00
10	2020	117	PICT	PPLT2	4470006	109,319.67	2,576,000.00
					4470006 Total	194,561.37	
10	2020	117		PJM	4470010	0.08	0.00
10	2020	117		PJM	4470010	(10.17)	0.00
10	2020	117		PJM	4470010	(13,145.94)	(422,607.00)
10	2020	117		PJM	4470010	(34,545.46)	(1,307,818.00)
10	2020	117		PJM	4470010	(55,746.94)	(1,741,821.00)
10	2020	117		PJM	4470010	(49.86)	0.00
10	2020	117		PJM	4470010	(27.40)	0.00
10	2020	117		PJM	4470010	(9.74)	0.00
10	2020	117		PJM	4470010	(35,893.08)	(1,282,544.00)
					4470010 Total	(139,428.51)	
10	2020	117	PHRT	RBCC2	4470082	6,571.29	0.00
10	2020	117	PHRT	WELF2	4470082	(5,915.90)	0.00
10	2020	117	PICT	CEI	4470082	(2,643.67)	0.00
10	2020	117	PICT	RBCC2	4470082	1,372.85	0.00
10	2020	117	PICT	WELF2	4470082	(100,066.86)	0.00
10	2020	117	PICT	WVPA	4470082	18,879.45	0.00
10	2020	117	PMCB	WELF2	4470082	(2,744.92)	0.00
10	2020	117	PSHD	WELF2	4470082	2,468.34	0.00
					4470082 Total	(82,079.42)	
10	2020	117		NASIA	4470089	0.00	0.00
10	2020	117		PJM	4470089	9,998.35	0.00
					4470089 Total	9,998.35	
10	2020	117		NASIA	4470098	0.00	0.00
10	2020	117		PJM	4470098	(1,508.25)	0.00
					4470098 Total	(1,508.25)	
10	2020	117		NASIA	4470099	0.00	0.00
10	2020	117		PJM	4470099	195,039.14	0.00
					4470099 Total	195,039.14	
10	2020	117		NASIA	4470100	0.00	0.00
10	2020	117		PJM	4470100	1,079.86	0.00
					4470100 Total	1,079.86	

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
10	2020	117		NASIA	4470103	0.00	0.00
10	2020	117		PJM	4470103	337,857.37	15,641,048.00
					4470103 Total	337,857.37	
10	2020	117		PJM	4470107	(0.40)	0.00
					4470107 Total	(0.40)	
10	2020	117		PJM	4470110	0.01	0.00
					4470110 Total	0.01	
10	2020	117		NASIA	4470115	0.00	0.00
10	2020	117		PJM	4470115	39.52	0.00
					4470115 Total	39.52	
10	2020	117		PJM	4470126	(279.28)	0.00
					4470126 Total	(279.28)	
10	2020	117	Physical	NASIA	4470175	(387,233.15)	0.00
10	2020	117	Trading	NASIA	4470175	44,298.06	0.00
					4470175 Total	(342,935.09)	
10	2020	117	Physical	NASIA	4470176	387,233.15	0.00
10	2020	117	Trading	NASIA	4470176	(44,298.06)	0.00
					4470176 Total	342,935.09	
10	2020	117		PJM	4470206	358.07	0.00
					4470206 Total	358.07	
10	2020	117		PJM	4470209	(2,158.58)	0.00
					4470209 Total	(2,158.58)	
10	2020	117		NASIA	4470214	0.00	0.00
10	2020	117		PJM	4470214	11.70	0.00
					4470214 Total	11.70	
10	2020	117		NASIA	4470215	0.00	0.00
10	2020	117		PJM	4470215	(8.87)	0.00
					4470215 Total	(8.87)	
10	2020	117		NASIA	4470220	0.00	0.00
10	2020	117		PJM	4470220	21,771.36	0.00
					4470220 Total	21,771.36	
10	2020	117		NASIA	4470221	0.00	0.00
					4470221 Total	0.00	
10	2020	117		PJM	5550039	(78.44)	0.00
					5550039 Total	(78.44)	
10	2020	110		PJME2	5570007	(16.56)	(4,140.00)
					5570007 Total	(16.56)	
10	2020	117		PJM	5614000	0.00	0.00
10	2020	117		PJM	5614000	(2,165.63)	0.00
					5614000 Total	(2,165.63)	
10	2020	117			5614008	0.00	0.00
10	2020	117		PJM	5614008	1.32	0.00
10	2020	117		PJM	5614008	0.84	0.00
10	2020	117		PJM	5614008	4.41	0.00
10	2020	117		PJM	5614008	0.43	0.00
10	2020	117		PJM	5614008	1.92	0.00

Pd	Year	Unit	Ref	Trkg Cd	Account	Revenue	KWH Metered
10	2020	117		PJM	5614008	24.55	0.00
10	2020	117		PJM	5614008	0.90	0.00
10	2020	117		PJM	5614008	0.05	0.00
10	2020	117		PJM	5614008	0.91	0.00
10	2020	180		PJM	5614008	0.00	0.00
					5614008 Total	35.33	
10	2020	117		PJM	5618000	0.00	0.00
10	2020	117		PJM	5618000	(702.31)	0.00
10	2020	117		PJM	5618000	(13.36)	0.00
					5618000 Total	(715.67)	
10	2020	117		PJM	5757000	0.00	0.00
10	2020	117		PJM	5757000	(1,867.11)	0.00
10	2020	117		PJM	5757000	(320.77)	0.00
					5757000 Total	(2,187.88)	
					October Grand Total	530,124.59	
					Review Period Total	7,996,034.85	

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

- KPSC 1_15** Describe the effect on the FAC calculation of line losses related to:
- a. Intersystem sales when using a third-party transmission system, and
 - b. Intersystem sales when not using a third-party transmission system.

RESPONSE

a. Beginning on June 1, 2007, based on FERC Order EL06-055, PJM modified the Locational Marginal Pricing (LMP) approach to calculate transmission line loss costs on a marginal basis. The new LMP calculation reflects the full marginal cost of serving an increment of load at each bus from each resource associated with an eligible energy offer. The LMP price will be the sum of three separate components: System Energy Price, Congestion Price, and Loss Price. Therefore, each spot market energy customer pays an energy price that includes the full marginal cost of energy for delivering an increment of energy to the purchaser's location. Market buyers are assessed for their incremental impact on transmission line losses resulting from total load scheduled to be served from the PJM Spot Energy Market in the day-ahead energy market at the same day-ahead loss price applicable at the relevant load bus.

Market sellers are assessed for their incremental impact on transmission line losses resulting from energy scheduled for delivery in the day-ahead market at the day-ahead loss prices applicable to the relevant resource bus.

Transactions are balanced in the real-time market using the same calculation, but are based on deviation at each bus from the day-ahead using the real time loss price.

b. Kentucky Power conducts intersystem sales through its participation in the PJM wholesale markets. Please refer to part (a) for a description of the effect of losses on intersystem sales on the FAC calculation.

Witness: Brian K. West

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_16 Provide a list, in chronological order, showing by unit, any scheduled, actual, and forced outages between for the last six months of the period under review. Provide a key for any information that is abbreviated.

RESPONSE

For a list of the Company's generating units' outages during the period under review, please see KPCO_R_KPSC_1_16_Attachment1.pdf.

Witness: Douglas J. Rosenberger

Witness: David L. Mell

Kentucky Power Company
Fuel Adjustment Case No. 2021-00053
Generating Unit Outages
May 1, 2020-October 31, 2020

Unit Name	Event Type*	Event Start	Event End	Event Description
Big Sandy 1	MO	4/24/20 1:15 AM	5/1/20 2:25 PM	Boiler i/r,
Big Sandy 1	MO	5/19/20 11:18 PM	5/22/20 11:00 PM	Boiler i/r,
Big Sandy 1	FO	6/24/20 10:37 PM	6/25/20 3:51 AM	Unit Trip - Loss of main air compressor w/ backup failing to start.
Big Sandy 1	PO	9/12/20 4:54 AM	11/1/20 3:39 PM	Boiler i/r,
Mitchell 1	MO	5/29/20 11:00 PM	6/10/20 12:44 AM	Boiler i/r
Mitchell 1	MO	6/13/20 6:00 AM	6/14/20 2:30 AM	Auxiliary Boiler leak repair
Mitchell 1	MO	7/29/20 3:00 PM	7/30/20 11:00 PM	Boiler i/r
Mitchell 1	MO	8/5/20 6:00 AM	8/6/20 11:00 PM	To i/r UMO-251 and i/r FGD Absorber Mist Eliminator Wash Valves.
Mitchell 1	MO	8/15/20 11:00 PM	8/20/20 11:00 PM	#2 ID Fan i/r
Mitchell 1	FO	8/21/20 9:12 AM	8/21/20 2:10 PM	Flashtank Return Valve
Mitchell 1	FO	8/22/20 7:12 PM	8/29/20 6:45 PM	Feed Tank "A" and "B" agitators out of service
Mitchell 1	PO	10/3/20 3:37 AM	11/25/20 8:38 PM	for #11 ID Fan Regulating Hub Replacement. Boiler i/r, and Precipitator i/r.
Mitchell 2	MO	4/24/20 11:00 PM	5/7/20 11:00 PM	Repair Clarite Filter Impulse Lines, i/r crack in Waste Water Sump Ring Header, i/r 21 Bottom Ash Line
Mitchell 2	PO	5/7/20 11:00 PM	5/26/20 12:06 PM	Auxiliary Transformer 2B and 2C bushings replacement
Mitchell 2	FO	6/9/20 1:38 PM	6/21/20 3:28 PM	Cracked Weld on Line from Hydrostatic Test Pump to Economizer Inlet Header
Mitchell 2	MO	6/21/20 3:28 PM	6/28/20 11:04 PM	Install Pad Welds. Pad Weld maintenance is taking longer than expected.
Mitchell 2	FO	8/22/20 7:12 PM	8/22/20 7:13 PM	Feed Tank "A" and "B" agitators out of service
Mitchell 2	FO	8/22/20 7:13 PM	8/22/20 7:14 PM	Feed Tank "A" and "B" agitators out of service
Mitchell 2	FO	8/22/20 7:14 PM	8/31/20 11:19 AM	Feed Tank "A" and "B" agitators out of service
Mitchell 2	MO	8/31/20 11:19 AM	9/6/20 10:51 PM	Condenser Leak i/r,
Mitchell 2	MO	9/9/20 6:00 AM	9/11/20 3:00 PM	Cooling Tower Hot Deck repairs
Mitchell 2	MO	9/22/20 6:00 AM	9/23/20 4:30 PM	Stator Water Temperature indications upgrade
Mitchell 2	MO	10/8/20 11:00 PM	10/9/20 3:54 PM	Common Service Water Header repairs

Event Type*

FO Forced Outage

MO Maintenance Outage

PO Planned Outage

Note: i/r = inspection and repair

Note: Big Sandy schedules a short 2 to 3 day Boiler i/r after each service period

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_17 For the last six months of the period under review, provide the monthly capacity factor at which each generating unit operated.

RESPONSE

For the period under review, please see [KPCO_R_KPSC_1_17_Attachment1.pdf](#) for the monthly capacity factor of each of the Company's generating units.

Witness: Douglas J. Rosenberger

Witness: David L. Mell

Kentucky Power Company
Fuel Adjustment Case No. 2021-00053
Generating Unit Net Capacity Factor [%]
May 1, 2020-October 31, 2020

	20-May	20-Jun	20-Jul	20-Aug	20-Sep	20-Oct
Big Sandy 1	46.65	65.43	77.58	72.06	26.63	0.00
Mitchell 1	43.73	26.67	40.98	5.00	27.58	4.25
Mitchell 2	9.50	16.01	52.64	42.15	0.00	26.33

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

- KPSC 1_18** a. For the last six months of the period under review, explain whether Kentucky Power made any changes to its maintenance and operation practices or completed any specific generation efficiency improvements that affect fuel usage at Kentucky Power's generation facilities.
- b. Describe the impact of these changes on Kentucky Power's fuel usage.

RESPONSE

For the period under review, the Company has not made any changes to its maintenance and operations practices, or completed any specific generation efficiency improvements that affect fuel usage at its generation facilities.

Witness: Douglas J. Rosenberger

Witness: David L. Mell

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_19 State whether Kentucky Power is aware of any violations of its policies and procedures regarding fuel procurement that occurred prior to or during the last six months of the period under review.

RESPONSE

Kentucky Power is not aware of any violations of its policies or procedures regarding fuel procurement that occurred prior to or during the last six months of the period under review.

Witness: Clinton M. Stutler

Witness: Jeffrey C. Dial

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_20 State whether Kentucky Power is aware of any violations of 807 KAR 5:056 that occurred prior to or during the last six months of the period under review.

RESPONSE

The Company is not aware of any violations.

Witness: Brian K. West

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_21 State whether all fuel contracts related to commodity and transportation have been filed with the Commission. If any contracts have not been filed, explain why they have not been filed and provide a copy.

RESPONSE

All contracts have been filed with the Commission.

Witness: Brian K. West

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_22 For each generating station, state the methods of coal delivery currently available.

RESPONSE

The methods of coal delivery currently available at the Mitchell Plant are as follows:

- a. Barge
- b. Conveyor Belt

Coal could also be delivered by rail following an undetermined amount of maintenance to the track and unloading facility.

Witness: Jeffrey C. Dial

Kentucky Power Company
 KPSC Case No. 2021-00053
 Commission Staff's First Set of Data Requests
 Dated March 4, 2021
 Page 1 of 2

DATA REQUEST

KPSC 1_23 If a change in the base fuel cost is proposed, state the month to be used as the base period (b). If the base period results in a fuel cost other than one representative of current costs as prescribed by 807 KAR 5:056, Section 1(2), explain why this base period was selected. If no change is proposed, include an explanation of the reason(s) Kentucky Power believes the current base period fuel cost should remain unchanged.

RESPONSE

The Company is proposing a new base fuel rate. The table below provides projected fuel costs and projected sales for the years 2021 and 2022. The projected cents per kWh fuel cost is less than the current base fuel rate of 2.851 cents per kWh.

Year of Projection	Projected Fuel Cost	Projected kWh Sales	Projected Fuel Cost in cents/kWh	Fuel Cost in Current Base Rates in cents/kWh	Difference in Fuel Cost in cents/kWh
2021	\$147,138,335	5,588,134,000	2.63305	2.851	(0.21795)
2022	\$142,029,692	5,553,701,000	2.55739	2.851	(0.29361)
Average			2.59522	2.851	(0.25578)

The Company selected February 2020 as the representative month and the fuel cost for February 2020 was 2.612 cents per kWh. As shown in the table below, the difference between the projected fuel cost and the proposed base rate is 0.02105 cents per kWh in 2021 and (0.05461) cents per kWh in 2022. In addition, the 2021-2022 average projected fuel cost is (0.01678) cents per kWh below the proposed base. See also the direct testimony of Brian K. West beginning at page 4.

Year of Projection	Projected Fuel Cost	Projected kWh Sales	Projected Fuel Cost in cents/kWh	Fuel Cost in New Base Rates in cents/kWh	Difference in Fuel Cost in cents/kWh
2021	\$147,138,335	5,588,134,000	2.63305	2.612	0.02105
2022	\$142,029,692	5,553,701,000	2.55739	2.612	(0.05461)
Average			2.59522	2.612	(0.01678)

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021
Page 2 of 2

Calculation of the February 2020 cost is as follows:

$$\text{Dollars / kWh} = \frac{\text{Fuel (b) February 2020}}{\text{Sales (b) February 2020}} = \frac{\$ 12,810,858}{490,482,730 \text{ kWh}} = 0.02612 \text{ /kWh}$$

Witness: Brian K. West

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_24 Provide a calculation of the fossil fuel costs F(b) that Kentucky Power proposes to use to calculate the base period fuel cost. This calculation shall show each component of F(b) as defined by 807 KAR 5:056. Explain why the fuel cost in the selected base period is representative of the level of fuel cost currently being experienced by Kentucky Power.

RESPONSE

The Company is proposing to use February 2020 as its representative month. KPCO_R_KPSC_1_24_Attachment1 provides the requested information concerning that month. The proposed base fuel cost of 2.612 cents per kWh varies by 1.2 percent from the 2-year average fuel cost 2.580 cents per kWh of the review period and is representative of those costs.

Witness: Brian K. West

KENTUCKY POWER COMPANY

**FINAL
FUEL COST SCHEDULE**

Month Ended: February 2020

A. Company Generation					
Coal Burned	(+)			\$6,871,706	
Oil Burned	(+)			97,447	
Gas Burned	(+)			481,753	
Fuel (jointly owned plant)	(+)			0	
Fuel (assigned cost during Forced Outage)					
(0 KWH X \$0.000000)	(+)			0	
Fuel (substitute for Forced Outage)	(-)			<u>0</u>	
Sub-total				<u>7,450,905</u>	
B. Purchases					
Net Energy Cost - Economy Purchases	(+)			0	
Identifiable Fuel Cost - Other Purchases	(+)			4,970,004	
Identifiable Fuel Cost (substitute for Forced Outage)					
(0 KWH X \$0.000000)	(-)			0	
Purchase Adjustment for Peaking Unit Equivalent	(-)			0 (1)	
Sub-total				<u>4,970,004</u>	
C. Inter-System Sales Fuel Costs				<u>246,766</u>	
D. SUB-TOTAL FUEL COST (A + B - C)				<u>\$12,174,143</u>	
E. Fuel-Related PJM Billing Line Items			<u>February 2020</u>	636,714	
F. GRAND TOTAL FUEL COSTS (D + E)				<u><u>\$12,810,858</u></u>	

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B.

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

- KPSC 1_25** Provide a schedule showing each component of sales as defined by 807 KAR 5:056 in the selected base period (b). Explain why Kentucky Power believes that the sales in the selected base period (b) are representative of the level of kWh sales that Kentucky Power will derive from the level of fuel cost incurred during the selected base period (b).
- a. Separately provide the amounts of power purchases used in the calculation of sales provided.
 - b. Separately provide the amounts of intersystem power sales used in the calculation of sales provided.

RESPONSE

a & b. KPCO_R_KPCO_1_25_Attachment1 provides the requested information for the Company's February 2020 sales. Although both fuel costs and sales are projected to be lower in 2021 and 2022, their resulting cents/kWh cost reasonably approximates that produced by the Company's February 2020 sales and costs. Please see the direct testimony of Company Witness West for further explanation of why the Company chose February 2020 as the base month.

Witness: Brian K. West

KENTUCKY POWER COMPANY

SALES SCHEDULE

Month Ended: February 2020

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	279,584,000
Purchases Including Interchange In	(+)	<u>243,547,000</u>
Sub Total		523,131,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	13,264,000
System Losses	(+)	<u>19,384,270</u> *
Sub Total		<u>32,648,270</u>
Total Sales (A - B)		<u><u>490,482,730</u></u>

* Does not include 546,730 KWH of company usage.

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_26 Provide a schedule showing the calculation of Kentucky Power's proposed increase or decrease in its base fuel cost per kWh to be incorporated into its base rate.

RESPONSE

The Company is proposing to decrease the base fuel cost from \$0.02851 / kWh to \$0.02612 / kWh. The proposed base fuel cost per kWh is calculated below.

$$\text{Dollars / kWh} = \frac{\text{Fuel (b) February 2020}}{\text{Sales (b) February 2020}} = \frac{\$ 12,810,858}{490,482,730 \text{ kWh}} = 0.02612 \text{ /kWh}$$

Witness: Brian K. West

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_27 Provide a schedule of the present and proposed rates that Kentucky Power seeks to change pursuant to 807 KAR 5:056, shown in comparative form.

RESPONSE

Please see KPCO_R_KPSC_1_27_Attachment1. The attachment provides a comparison of the Company's current rates based upon the current base fuel cost of 2.851 cents per kWh and the new proposed rates based upon the proposed base fuel cost rate of 2.612 cents per kWh for each customer class.

Witness: Brian K. West

KENTUCKY POWER COMPANY
Comparison of Current and Proposed Rates
Two Year Fuel Review
Case No.: 2021-00053

TARIFF	Tariff Code(s)	Current Energy Rate c/kWh	Energy - New Base Fuel Rate c/kWh
RS			
All kWh	015, 017, 022	11.038	10.799
Storage Water Htg. kWh			
80 gallons	012	8.127	7.888
100 gallons	013	8.127	7.888
120 gallons	014	8.127	7.888
Load Management Water-Heating	011	8.127	7.888
Electric Vehicle Charging Provision (Temporarily Unavailable)	059		
On-Peak		14.760	14.521
Off-Peak		8.125	7.886
RS-LM-TOD			
	028, 030, 032, 034		
On-Peak		14.773	14.534
Off-Peak		8.127	7.888
RS-TOD			
	036		
On-Peak		14.773	14.534
Off-Peak		8.127	7.888
RS-TOD 2			
	027		
On-Peak - Summer		19.088	18.849
On-Peak - Winter		16.591	16.352
Off-Peak		9.324	9.085
RSD			
	018		
On-Peak		12.593	12.354
Off-Peak		8.127	7.888
GS			
Secondary First 4450 kWh	211, 212, 215, 216, 218	11.146	10.907
Secondary Over 4450 kWh	211, 212, 215, 216, 218	10.440	10.201
Primary First 4450 kWh	217, 220	9.813	9.574
Primary Over 4450 kWh	217, 220	9.232	8.993
Subtransmission First 4450 kWh	236	8.902	8.663
Subtransmission Over 4450 kWh	236	8.380	8.141
GS - Recreational Lighting	214	11.077	10.838
GS-LM-TOD			
	223, 225		
On-Peak		16.147	15.908
Off-Peak		8.154	7.915
<u>Optional Unmetered Service Provision</u>	204, 213		
First 4450 kWh		11.146	10.907
Over 4450 kWh		10.440	10.201
SGS-TOD			
	227		
On-Peak - Summer		21.085	20.846
On-Peak - Winter		18.411	18.172
Off-Peak		11.518	11.279
MGS-TOD			
	229		
On-Peak		16.147	15.908
Off-Peak		8.154	7.915

KENTUCKY POWER COMPANY
Comparison of Current and Proposed Rates
Two Year Fuel Review
Case No.: 2021-00053

TARIFF	Tariff Code(s)	Current Energy Rate c/kWh	Energy - New Base Fuel Rate c/kWh
LGS			
Secondary	240, 242, 260	8.671	8.432
Primary	244, 246, 264	7.595	7.356
Subtransmission	248, 268	5.469	5.230
Transmission	250, 270	5.324	5.085
LGS-LM-TOD	251		
On-Peak		14.665	14.426
Off-Peak		8.127	7.888
LGS-TOD			
<u>Secondary</u>			
On-Peak	256	10.523	10.284
Off-Peak		5.599	5.360
<u>Primary</u>	257		
On-Peak		10.381	10.142
Off-Peak		5.557	5.318
<u>Subtransmission</u>	258		
On-Peak		10.294	10.055
Off-Peak		5.532	5.293
<u>Transmission</u>	259		
On-Peak		10.208	9.969
Off-Peak		5.506	5.267
IGS			
<u>Secondary</u>	356		
On-Peak Billing Demand			
Off-Peak Excess Billing Demand			
Off-Peak Billing Demand			
Minimum Demand			
All kWh		2.937	2.698
<u>Primary</u>	358, 370		
On-Peak Billing Demand			
Off-Peak Excess Billing Demand			
Off-Peak Billing Demand			
Minimum Demand			
All kWh		2.899	2.660
<u>Subtransmission</u>	359, 371		
On-Peak Billing Demand			
Off-Peak Excess Billing Demand			
Off-Peak Billing Demand			
Minimum Demand			
All kWh		2.874	2.635
<u>Transmission</u>	360, 372		
On-Peak Billing Demand			
Off-Peak Excess Billing Demand			
Off-Peak Billing Demand			
Minimum Demand			
All kWh		2.851	2.612
MW	540		
All kWh		10.039	9.800

KENTUCKY POWER COMPANY
Comparison of Current and Proposed Rates
Two Year Fuel Review
Case No.: 2021-00053

TARIFF	Tariff Code(s)	Current Base Fuel Rate x kWh in Sheets 14-5 c/kWh	New Base Fuel Rate x kWh in Sheets 14-5 c/kWh
OL			
<u>Overhead Lighting Service</u>			
High Pressure Sodium			
100 Watt	094	2.851	2.612
150 Watt	113	2.851	2.612
200 Watt	097	2.851	2.612
250 Watt	103	2.851	2.612
400 Watt	098	2.851	2.612
<u>Mercury Vapor</u>			
175 Watt	093	2.851	2.612
400 Watt	095	2.851	2.612
<u>LED</u>			
55 Watt OH	150	2.851	2.612
100 Watt OH	151	2.851	2.612
175 Watt OH	152	2.851	2.612
300 Watt OH	153	2.851	2.612
<u>Post Top Lighting Service</u>			
High Pressure Sodium			
100 Watt	111	2.851	2.612
150 Watt	122	2.851	2.612
100 Watt	121	2.851	2.612
250 Watt	120	2.851	2.612
400 Watt	126	2.851	2.612
<u>Mercury Vapor</u>			
175 Watt	099	2.851	2.612
<u>LED Postop UG</u>			
65 Watt	160	2.851	2.612
<u>Flood Lighting Service</u>			
<u>High Pressure Sodium</u>			
200 Watt	107	2.851	2.612
400 Watt	109	2.851	2.612
<u>Metal Halide</u>			
250 Watt	110	2.851	2.612
400 Watt	116	2.851	2.612
1000 Watt	131	2.851	2.612
250 Watt Mongoose	130	2.851	2.612
400 Watt Mongoose	136	2.851	2.612
<u>LED</u>			
175 Watt	165	2.851	2.612
265 Watt	166	2.851	2.612
<u>Flexible Lighting Option</u>			
Base Fuel Charge	175, 201	2.851	2.612

KENTUCKY POWER COMPANY
Comparison of Current and Proposed Rates
Two Year Fuel Review
Case No.: 2021-00053

TARIFF	Tariff Code(s)	Current Base Fuel	New Base Fuel
		Rate x kWh in Sheets 15-4 c/kWh	Rate x kWh in Sheets 15-4 c/kWh
SL			
<u>Overhead Service on Existing Distribution Poles</u>	528		
High Pressure Sodium			
100 Watt		2.851	2.612
150 Watt		2.851	2.612
200 Watt		2.851	2.612
400 Watt		2.851	2.612
LED	528		
55 Watt OH		2.851	2.612
100 Watt OH		2.851	2.612
175 Watt OH		2.851	2.612
65 Watt Post Top		2.851	2.612
90 Watt Post Top		2.851	2.612
175 Watt Flood		2.851	2.612
<u>Service on New Wood Distribution Poles</u>	528		
High Pressure Sodium			
100 Watt		2.851	2.612
150 Watt		2.851	2.612
200 Watt		2.851	2.612
400 Watt		2.851	2.612
LED			
55 Watt OH		2.851	2.612
100 Watt OH		2.851	2.612
175 Watt OH		2.851	2.612
65 Watt Post Top		2.851	2.612
90 Watt Post Top		2.851	2.612
175 Watt Flood		2.851	2.612
<u>Service on New Metal or Concrete Poles</u>	528		
High Pressure Sodium			
100 Watt		2.851	2.612
150 Watt		2.851	2.612
200 Watt		2.851	2.612
400 Watt		2.851	2.612
LED	528		
55 Watt OH		2.851	2.612
100 Watt OH		2.851	2.612
175 Watt OH		2.851	2.612
65 Watt Post Top		2.851	2.612
90 Watt Post Top		2.851	2.612
175 Watt Flood		2.851	2.612
<u>Flexible Lighting Option</u>	525, 526		
Base Fuel Charge		2.851	2.612

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_28 Provide a copy of the current tariff showing by cross-outs and inserts all proposed changes in rates.

RESPONSE

Please see attachment KPCO_R_KPSC_1_28_Attachment1 which provides a comparison of the Company's current rates based upon the current base fuel cost of 2.851 cents per kWh and the new proposed rates based upon the proposed base fuel cost of 2.612 cents per kWh for each customer class. The Company redlined the compliance tariff filed March 12, 2021 in Case No. 2020-00174.

Witness: Brian K. West

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1st} ~~REVISED~~ SHEET NO. 5-2 T
CANCELLING P.S.C. KY. NO. ~~11-1st~~ ^{REVISED} ~~12 ORIGINAL~~ SHEET NO. 5-2 T

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TARIFF F.A.C. (Cont'd)
(Fuel Adjustment Clause)

4. Forced outages are all nonscheduled losses of generation or transmission which require 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 the public enemy, then the utility may, upon proper showing, with the approval of the Commission, include the fuel costs of substitute energy in the adjustment. Until such approval is obtained, in making the calculations of fuel costs (F) in subsection (3)(a) and (b) above, the forced outage costs to be subtracted shall be no less than the fuel cost related to the lost generation.
5. Sales (S) shall be all kWh's sold, excluding intersystem sales. Where, for any reason billed system sales cannot be coordinated with the 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) intersystem sales referred to in subsection (3)(d) above, less (vi) total system loss. Utility used energy shall not be excluded in the determination of sales (S).
6. 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 FERC Uniform System of Accounts or Public Utilities and Licensees.
7. At the time the fuel clause is initially filed, the utility shall submit copies of each fossil fuel purchase contract not otherwise on file with the Commission and all other agreements, options or similar such documents, and all amendments and modifications thereof related to the procurement of fuel supply and purchased power. Incorporation by reference is permissible. Any changes in the documents, including price escalations, or any new agreements entered into after the initial submission, shall be submitted at the time they are entered into. Where fuel is purchased from utility-owned or controlled sources, or the contract contains a price escalation clause, those facts shall be noted and the utility shall explain and justify them in writing. Fuel charges, which are unreasonable, shall be disallowed and may result in the suspension of the fuel adjustment clause. The Commission on its own motion may investigate any aspect of fuel purchasing activities covered by this regulation.
8. Any tariff filing which contains a fuel clause shall conform that clause with this regulation within three (3) months of the effective date of this regulation. The tariff filing shall contain a description of the fuel clause with detailed cost support.
9. The monthly fuel adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data and information as may be required by the Commission.
10. Copies of all documents required to be filed with the Commission under this regulation shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS61.870 to 61.884.
11. At six (6) month intervals, the Commission shall conduct a formal review and may conduct public hearings on a utility's past fuel adjustments. The Commission shall order a utility to charge off and amortize, by means of a temporary decrease of rates, any adjustment the Commission finds unjustified due to improper calculation or application of the charges or improper fuel procurement practice.
12. Every two (2) years following the initial effective date of each utility fuel clause, the Commission shall conduct a formal review and evaluate past operations of the clause, disallow improper expenses, and to the extent appropriate, reestablish the fuel clause charge in accordance with Section 1 (2) of the administrative regulation.
13. Resulting cost per kilowatt-hour in April 2017 to be used as the base cost in Standard Fuel Adjustment Clause is:

Fuel - ~~February 2020~~ ~~April 2017~~ ÷ ~~\$11,814,526~~ ~~12,810,858~~ = \$0.02 ~~612~~ ~~854~~ /kWh
Sales ~~February 2020~~ ~~April 2017~~ ~~414,368,000~~ ~~490,482,730~~

This, as used in the Fuel Adjustment Clause, is ~~2.612~~ ~~854~~ ¢ per kilowatt-hour.

DATE OF ISSUE: ~~February 2XXXX XX, 2021~~
DATE EFFECTIVE: ~~Service Rendered On And After XXXX XX~~ ~~January 14, 2021~~
ISSUED BY: /s/ ~~Brian K. West~~
TITLE: ~~Vice President, Regulatory & Finance~~
By Authority Of an Order of the Public Service Commission
In Case No. ~~2020-001742021-00053~~ Dated ~~XXXXX XX~~ ~~January 13, 2021~~

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1st} REVISED SHEET T
NO. 6-1 T

CANCELLING P.S.C. KY. NO. ~~11-3rd~~ ¹² REVISED ORIGINAL SHEET NO. 6-1

**TARIFF R.S.
(Residential Service)**

AVAILABILITY OF SERVICE.

Available for full domestic electric service through 1 (one) meter to individual residential customers including rural residential customers engaged principally in agricultural pursuits.

RATE. (Tariff Codes 015, 017, 022)

Service Charge.....\$ 17.50 per month
Energy Charge:~~10.7991~~ ^{10.038}¢ per KWH

R

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the Service Charge.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Federal Tax Cut Tariff	Sheet No. 23
Residential Energy Assistance	Sheet No. 25
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

DUE DATE.

Bills under this tariff are due and payable within fifteen (15) days of the mailing date.

VOLUNTEER FIRE DEPARTMENTS (Tariff Code 024)

Volunteer Fire Departments may qualify pursuant to KRS 278.172 for this tariff but will be required to provide a completed Form 990 and update it annually.

(Cont'd on Sheet No. 6-2)

DATE OF ISSUE: ~~February 2XXXX X, 2021~~

DATE EFFECTIVE: Service Rendered On And After January 14XXXXX XX, 2021

ISSUED BY: /s/ Brian K. West

TITLE: Vice President, Regulatory & Finance

By Authority Of an Order of the Public Service Commission

In Case No. ~~20201-00053474~~ Dated ~~XXXXX XX~~ ^{January 13, 2021}

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~^{1st REVISED} T
SHEET NO. 6-2 T

CANCELLING P.S.C. KY. NO. ~~11-2ND REVISED~~^{12 ORIGINAL} SHEET NO. 6-2

TARIFF R.S. (Cont'd)
(Residential Service)

STORAGE WATER HEATING PROVISION.

This provision is withdrawn except for the present installations of current customers receiving service hereunder at premises served prior to April 1, 1997.

If the customer installs a Company approved storage water heating system which consumes electrical energy only during off-peak hours as specified by the Company and stores hot water for use during on-peak hours, the following shall apply:

Tariff Code

- 012 (a) For Minimum Capacity of 80 gallons, the last 300 KWH of use in any month shall be billed at ~~7.8888-127~~^c per KWH. R
- 013 (b) For Minimum Capacity of 100 gallons, the last 400 KWH of use in any month shall be billed at ~~7.8888-127~~^c per KWH.
- 014 (c) For Minimum Capacity of 120 gallons or greater, the last 500 KWH of use in any month shall be billed at ~~7.8888-127~~^c per KWH. R

These provisions, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For purpose of this provision, the on-peak billing period is defined as 7:00A.M. to 9:00P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00PM to 7:00AM for all weekdays and all hours of Saturday and Sunday.

The Company reserves the right to inspect at all reasonable times the storage water heating system and devices which qualify the residence for service under the storage water heater provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgment the availability conditions of this provision are being violated, it may discontinue billing the Customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Service Charge, and the adjustment clauses as stated in the Adjustment Clauses section.

LOAD MANAGEMENT WATER-HEATING PROVISION. (Tariff Code 011)

For residential customers who install a load management water-heating system which consumes electrical energy during off-peak hours specified by the Company and stores hot water for use during on-peak hours, of minimum capacity of 80 gallons, the last 250 KWH of use in any month shall be billed at ~~7.8888-127~~^c per KWH. R

This provision, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For the purpose of this provision, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

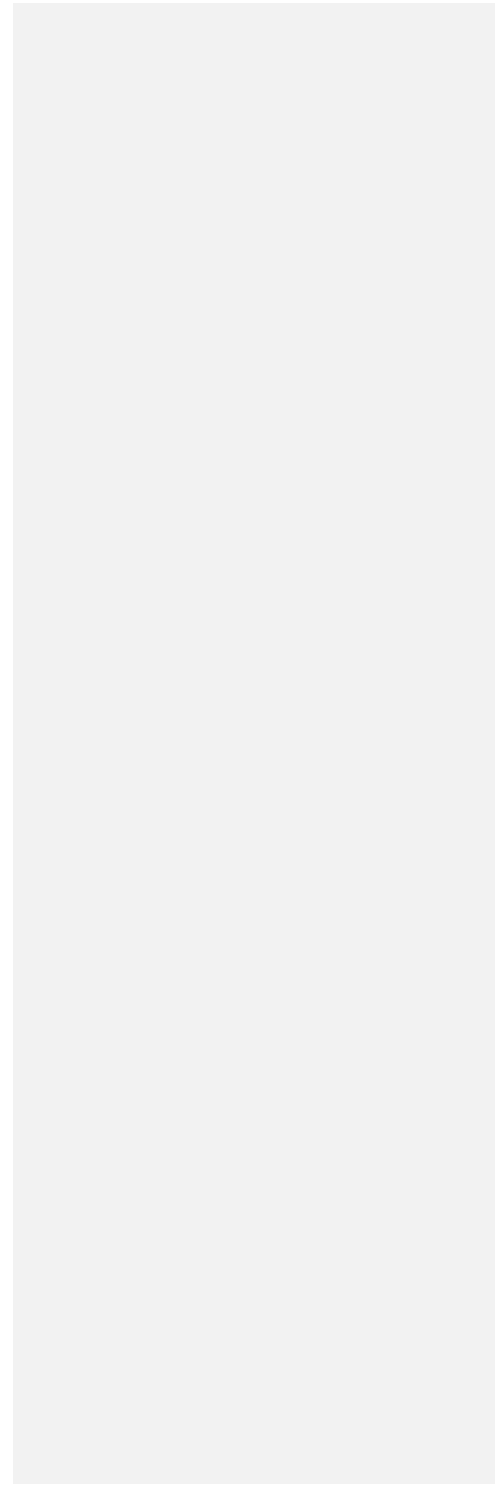
The Company reserves the right to inspect at all reasonable times the load management water-heating system(s) and devices which qualify the residence for service under the Load Management Water-Heating Provision. If the Company finds that, in its sole judgment, the availability conditions of this provision are being violated; it may discontinue billing the Customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Service Charge, and the adjustment clauses as stated in the Adjustment Clauses section.

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(Cont'd on Sheet No. 6-3)

DATE OF ISSUE: ~~February 2XXXXX XX, 2021~~
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TITLE: ~~Vice President, Regulatory & Finance~~
~~By Authority Of an Order of the Public Service Commission~~
~~In Case No. 20201-00053474 Dated January 13XXXXX XX, 2021~~



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1st REVISED} T
SHEET NO. 6-3 T

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CANCELLING P.S.C. KY. NO. ~~124~~ ORIGINAL SHEET NO. 6-3

TARIFF R.S. (Cont'd)
(Residential Service)

ELECTRIC VEHICLE CHARGING PROVISION. (Tariff Code 059)

This tariff is temporarily unavailable to residential customers. Available to customers for use charging electric vehicles primarily during off-peak hours specified by the Company. Electric vehicle charging load shall be separately wired to a time-of-day meter and general-use load to a standard meter. Customers will receive service for both under the appropriate provision of this tariff.

Energy Charge:		
All KWH used during on-peak billing period.....	14.521769¢ per KWH	R
All KWH used during off-peak billing period	8.1257886¢ per KWH	R

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

SPECIAL TERMS AND CONDITIONS.

This tariff is subject to the Company's Terms and Conditions of Service.

This service is available to rural domestic customers engaged principally in agricultural pursuits where service is taken through one meter for residential purposes as well as for the usual farm uses outside the home, but it is not extended to operations of a commercial nature or operations such as processing, preparing or distributing products not raised or produced on the farm, unless such operation is incidental to the usual residential and farm uses.

The Company shall have the option of reading meters monthly or bimonthly and rendering bills accordingly. When bills are rendered bimonthly, the minimum charge and the quantity of KWH in each block of the rates shall be multiplied by two.

Pursuant to 807 KAR 5:041, Section 11, paragraph (1), of Public Service Commission Regulations, the Company will make an extension of 1,000 feet or less to its existing distribution line without charge for a prospective permanent residential customer served under this R.S. Tariff. Pursuant to 807 KAR 5:041 Section 12 extensions of up to 150 feet for a mobile home are provided without charge.

This tariff is available for single-phase, residential service. Where the residential customer requests three-phase service, this tariff will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service tariff will apply to such service.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or by special agreement.

(Cont'd. on Sheet No. 6-4)

DATE OF ISSUE: ~~XXXX XX~~February 2, 2021
DATE EFFECTIVE: Service Rendered On And After ~~XXXX XX~~January 14, 2021
ISSUED BY: /s/ Brian K. West
TITLE: Vice President, Regulatory & Finance
By Authority Of an Order of the Public Service Commission
In Case No. 20201-00053474 Dated ~~XXXX XX~~January 13, 2021

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL-1st REVISED SHEET~~ T
 NO. 6-4 T

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CANCELLING P.S.C. KY. NO. ~~11-3RD REVISED~~ 12 ORIGINAL SHEET NO. 6-4

TARIFF R.S.-L.M.-T.O.D.
(Residential Service Load Management Time-of-Day)

AVAILABILITY OF SERVICE.

Available to customers eligible for Tariff R.S. (Residential Service) who use energy storage devices with time-differentiated load characteristics approved by the Company which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours.

Households eligible to be served under this tariff shall be metered through a multiple-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods.

RATE. (Tariff Codes 028, 030, 032, 034)

Service Charge.....	\$ 21.00 per month	
Energy Charge:		
All KWH used during on-peak billing period.....	14.534773¢ per KWH	R
All KWH used during off-peak billing period.....	8.1277888¢ per KWH	R

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

CONSERVATION AND LOAD MANAGEMENT CREDIT.

For the combination of an approved electric thermal storage space heating system and water heater, both of which are designed to consume electrical energy only between the hours of 9:00P.M. and 7:00A.M. for all days of the week, each residence will be credited 0.745¢ per KWH for all energy used during the off-peak billing period, for a total of 60 monthly billing periods following the installation and use of these devices in such residence.

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the Service Charge.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Federal Tax Cut Tariff	Sheet No. 23
Residential Energy Assistance	Sheet No. 25
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

(Cont'd on Sheet No. 6-5)

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 By Authority Of an Order of the Public Service Commission
 In Case No. ~~20201-00053174~~ Dated ~~January 13XXXXX XX, 2021~~

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1st} ~~REVISED~~ SHEET T
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CANCELLING P.S.C. KY. NO. ~~11-3RD~~ ^{REVISED} ~~12 ORIGINAL~~ SHEET NO. 6-6

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**TARIFF R.S. - T.O.D. (Residential
Service Time-of-Day)**

AVAILABILITY OF SERVICE.

Available for residential electric service through a multiple-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods to individual residential customers, including residential customers engaged principally in agricultural pursuits. Availability is limited to the first 1,000 customers applying for service under this tariff.

RATE. (Tariff Code 036)

Service Charge.....	\$ 21.00 per month	
Energy Charge:		
All KWH used during on-peak billing period.....	14.534773¢ per KWH	R
All KWH used during off-peak billing period.....	7.8888127¢ per KWH	R

For the purpose of this tariff, the on-peak billing period is defined as 7:00A.M. to 9:00P.M. for all weekdays, Monday through Friday. The off-peak period is defined as 9:00P.M. to 7:00A.M. for all weekdays and all hours of Saturday and Sunday.

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the Service Charge.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Federal Tax Cut Tariff	Sheet No. 23
Residential Energy Assistance	Sheet No. 25
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

DUE DATE.

Bills under this tariff are due and payable within fifteen (15) days of the mailing date.

(Cont'd on Sheet No. 6-7)

DATE OF ISSUE: ~~February 2XXXXX XX, 2021~~
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TITLE: Vice President, Regulatory & Finance
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In Case No. ~~20281-00053474~~ Dated ~~January 13XXXXX XX, 2021~~

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1ST REVISED} T
 SHEET NO. 6-8 T

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CANCELLING P.S.C. KY. NO. ~~11-3RD REVISED~~ ^{12 ORIGINAL} SHEET NO. 6-8
 TARIFF R.S. - T.O.D.2

(Experimental Residential Service Time-of-Day 2)

AVAILABILITY OF SERVICE.

Available on a voluntary, experimental basis to individual residential customers for residential electric service through a multi-register meter capable of measuring electrical energy consumption during variable pricing periods. Availability is limited to the first 500 customers applying for service under this tariff.

RATE. (Tariff Code 027)

Service Charge \$21.00 per month
 Energy Charge:
 All KWH used during Summer on-peak billing period ~~18.8499-088~~¢ per KWH
 All KWH used during Winter on-peak billing period ~~16.352591~~¢ per KWH
 All KWH used during off-peak billing period ~~9.085324~~¢ per KWH

R

For the purpose of this tariff, the on-peak and off-peak billing periods shall be defined as follows:

<u>Months</u>	<u>On-Peak</u>	<u>Off-Peak</u>
Approximate Percent (%) Of Annual Hours	16%	84%
 <u>Winter Period:</u>		
November 1 to March 31	7:00 A.M. to 11:00 A.M. 6:00 P.M. to 10:00 P.M.	11:00 AM. to 6:00 P.M. 10:00 P.M. to 7:00 A.M.
 <u>Summer Period:</u>		
May 15 to September 15	Noon to 6:00 P.M.	6:00 P.M. to Noon
 <u>All Other Calendar Periods</u>		
	None	Midnight to Midnight

NOTE: All KWH consumed during Saturday and Sunday are billed at the off-peak level.

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the Service Charge.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Federal Tax Cut Tariff	Sheet No. 23
Residential Energy Assistance	Sheet No. 25
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

(Cont'd on Sheet No. 6-9)

DATE OF ISSUE: ~~February 2XXXXX XX, 2021~~
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 By Authority Of an Order of the Public Service Commission
 In Case No. 2021-00053-74 Dated ~~January 13XXXXX XX, 2021~~

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~^{1st REVISED} T
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CANCELLING P.S.C. KY. NO. ~~11-3RD REVISED~~^{12 ORIGINAL} SHEET NO. 6-10

TARIFF R. S. D.
(Residential Demand-Metered Electric Service)

AVAILABILITY OF SERVICE.

Available for residential electric service through one single-phase multiple-register demand meter. Availability is limited to the first 1,000 customers applying for service under this tariff.

MONTHLY RATE. (Tariff Code 018)

Service Charge \$21.00 per customer

Energy Charge

All KWH used during on-peak billing period..... 12.354599¢ per KWH

All KWH used during off-peak billing period..... 8.1277.888¢ per KWH

R
 R

Demand Charge \$3.90 for each KW of monthly billing demand

For the purpose of this tariff, the on-peak billing period is defined as follows:

Months of October – May.....7:00 A.M to 11:00 A.M for all weekdays

Months of June – September4:00 P.M to 9:00 P.M for all weekdays

The off-peak billing period is defined as all weekday hours not defined above as on-peak hours and all hours of Saturday and Sunday.

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the Service Charge.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Federal Tax Cut Tariff	Sheet No. 23
Residential Energy Assistance	Sheet No. 25
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

MONTHLY BILLING DEMAND.

Customer's demand will be taken monthly to be the highest registration of a 60 minute integrating demand meter or indicator during the on-peak period.

DUE DATE.

Bills under this tariff are due and payable within fifteen (15) days of the mailing date.
 (Cont'd on Sheet No. 6-11)

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 In Case No. 20201-00053174 Dated ~~January 13XXXXX XX, 2021~~

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1ST REVISED} SHEET T
 NO. 7-1 T

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CANCELLING P.S.C. KY. NO. ~~11-2ND REVISED~~ ^{12 ORIGINAL} SHEET NO. 7-1

TARIFF G.S.
 (General Service)

AVAILABILITY OF SERVICE.

Available for general service customers. Customers may continue to qualify for service under this tariff until their average maximum demand exceeds 100 kW (excluding the demand served by the Load Management Time-of-Day provision).

Existing customers not meeting the above criteria will be permitted to continue service under present conditions only for continuous service at the premises occupied on or prior to December 5, 1984.

RATE.

Tariff Code	Service Voltage	Demand Charge (\$/kW)	First 4,450 kWh (¢/kWh)	Over 4,450 kWh (¢/kWh)	Monthly Service Charge (\$)	
211, 212, 215, 216, 218	Secondary	6.61	104.907446	10.440201	25.00	R
217, 220	Primary	6.01	9.813574	8.9939232	100.00	R
236	Subtransmission	4.68	8.663902	8.141380	400.00	R

The Demand Charge shall apply to all monthly billing demand in excess of 10 kW.

MINIMUM CHARGE.

This tariff is subject to a minimum charge equal to the sum of the service charge plus the demand charge multiplied by the monthly billing demand in excess of 10 kW.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Federal Tax Cut Tariff	Sheet No. 23
Kentucky Economic Development Surcharge	Sheet No. 24
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

DELAYED PAYMENT CHARGE.

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

(Cont'd on Sheet No. 7-2)

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By Authority Of an Order of the Public Service Commission
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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1ST} ~~REVISED~~ T
SHEET NO. 7-2 T

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CANCELLING P.S.C. KY. NO. ~~11-2ND~~ ^{REVISED} ~~12 ORIGINAL~~ SHEET NO. 7-2

TARIFF G.S.
(General Service)

METERED VOLTAGE.

The rates set forth in this tariff are based upon the delivery and measurements of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a Customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

MONTHLY BILLING DEMAND.

Energy supplied hereunder will be delivered through not more than one single phase and/or polyphase meter. Customer's demand will be taken monthly to be the highest registration of a 15-minute integrating demand meter or indicator, or the highest registration of a thermal type demand meter. The monthly billing demand shall be the greater of: (1) Customer's metered kW demand, (2) 60% of the Customer's contract capacity in excess of 100 kW, or (3) 60% of the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW.

The Company reserves the right to install a demand meter on any customer receiving service under this tariff. A demand meter will be installed by the Company for customers with monthly kWh usage of 4,450 kWh or greater.

RECREATIONAL LIGHTING SERVICE PROVISION.

Available for service to customers with demands of 5 KW or greater and who own and maintain outdoor lighting facilities and associated equipment utilized at baseball diamonds, football stadiums, parks and other similar recreational areas. This service is available only during the hours between sunset and sunrise. Daytime use of energy under this rate is strictly forbidden except for the sole purpose of testing and maintaining the lighting system. All Terms and Conditions of Service applicable to Tariff G.S. customers will also apply to recreational lighting customers except for the Availability of Service.

RATE. (Tariff Code 214)

Service Charge.....	\$25.00 per month	
Energy Charge	11-077 ^{10.838} ¢ per KWH	R

(Cont'd on Sheet No. 7-3)

DATE OF ISSUE: ~~February 2XXXXX XX, 2021~~
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TITLE: ~~Vice President, Regulatory & Finance~~
By Authority Of an Order of the Public Service Commission
In Case No. ~~20210-00053474~~ Dated ~~January 13XXXXX XX, 2021~~

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1ST REVISED} T
SHEET NO. 7-3 T

CANCELLING P.S.C. KY. NO. ~~11-2ND REVISED~~ ^{12 ORIGINAL} SHEET NO. 7-3

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**TARIFF G.S.
(General Service) (Cont'd)**

LOAD MANAGEMENT TIME-OF-DAY PROVISION. (Tariff Code 223 and 225)

Available to customers who use energy storage devices with time-differentiated load characteristics approved by the Company which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and who desire to receive service under this provision for their total requirements. This provision is also available for electric vehicle charging if separately metered.

Customers who desire to separately wire their load management load to a time-of-day meter and their general-use load to a standard meter shall receive service for both under the appropriate provision of this tariff.

RATE.

Service Charge..... \$25.00 per month

Energy Charge:

All KWH used during on-peak billing period..... ~~15.9086~~ ^{14.7}¢ per KWH

All KWH used during off-peak billing period ~~8.1547~~ ^{9.15}¢ per KWH

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R

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

OPTIONAL UNMETERED SERVICE PROVISION.

Available to customers who qualify for Tariff G.S., have a demand of less than 10 KW, and use the Company's service for commercial purposes consisting of small fixed electric loads such as traffic signals and signboards which can be served by a standard service drop from the Company's existing secondary distribution system. This service will be furnished at the option of the Company.

Each separate service delivery point shall be considered a contract location and shall be separately billed under the service contract. In the event one Customer has several accounts for like service, the Company may meter one account to determine the appropriate kilowatt-hour usage applicable for each of the accounts.

The Customer shall furnish switching equipment satisfactory to the Company. The Customer shall notify the Company in advance of every change in connected load, and the Company reserves the right to inspect the customer's equipment at any time to verify the actual load. In the event of the customer's failure to notify the Company of an increase in load, the Company reserves the right to refuse to serve the contract location thereafter under this provision, and shall be entitled to bill the customer retroactively on the basis of the increased load for the full period such load was connected or the earliest date allowed by Kentucky statute whichever is applicable.

Calculated energy use per month shall be equal to the contract capacity specified at the contract location times the number of days in the billing period times the specified hours of operation. Such calculated energy shall then be billed at the following rates:

(Cont'd on Sheet No. 7-4)

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DATE EFFECTIVE: ~~Service Rendered On And After January 14XXXX XX, 2021~~

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TITLE: ~~Vice President, Regulatory & Finance~~

~~By Authority Of an Order of the Public Service Commission~~

In Case No. 2021-00053174 Dated ~~January 13XXXX XX, 2021~~

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL-1st~~ ~~REVISED~~ T
 SHEET NO. 7-4 T

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CANCELLING P.S.C. KY. NO. ~~11-3rd~~ ~~REVISED~~ 12 ORIGINAL SHEET NO. 7-4

**TARIFF G.S.
 (General Service) (Cont'd)**

RATE. (Tariff Codes 204 (Metered), 213 (Unmetered))

Customer Charge.....	\$15.00 per month	
Energy Charge:		
First 4,450 KWH per month.....	10.9071 146c per KWH	R
All Over 4,450 KWH per month.....	10.201440c per KWH	R

TERM OF CONTRACT.

Contracts under this tariff may be required of customers. Contracts under this tariff will be made for an initial period of not less than 1 (one) year and shall remain in effect thereafter until either party shall give at least 6 months' written notice to the other of the intention to terminate the contract. The Company will have the right to make contracts for periods of longer than 1 (one) year.

SPECIAL TERMS AND CONDITIONS.

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is also available to Customers having other sources of energy supply but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist the Customer shall contract for the maximum demand in KW which the Company might be required to furnish, but no less than 10 KW. The Company shall not be obligated to supply demands in excess of that contracted for. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

This tariff is available for resale service to mining and industrial customers who furnish service to customer-owned camps or villages where living quarters are rented to employees and where the Customer purchases power at a single point of both their power and camp requirements.

Customers with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP I or II or by special agreement with the Company.

(Cont'd on Sheet No. 7-5)

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 ISSUED BY: /s/ Brian K. West
 TITLE: Vice President, Regulatory & Finance
By Authority Of an Order of the Public Service Commission
In Case No. 20210-00053174 Dated January 13XXXXX XX, 2021

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1st} REVISED T
 SHEET NO. 7-5 T

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CANCELLING P.S.C. KY. NO. ~~11-2ND~~ ^{REVISED} ~~12 ORIGINAL~~ SHEET NO. 7-5
 TARIFF S.G.S. – T.O.D.

(Small General Service Time-of-Day Service)

AVAILABILITY OF SERVICE.

Available on a voluntary, basis for general service to customers being served at secondary distribution voltage with one single-phase, multi-register meter capable of measuring electrical energy consumption during variable pricing periods. Availability is limited to the first 500 customers applying for service under this tariff.

Customers not meeting the requirements for availability under this tariff will be permitted to continue service under this tariff only for continuous service at the premises occupied on or prior to June 30, 2015.

RATE. (Tariff Code 227)

Service Charge	\$25.00 per month
Energy Charge:	
All KWH used during Summer on-peak billing period	20.8461085¢ per KWH
All KWH used during Winter on-peak billing period	18.172411¢ per KWH
All KWH used during off-peak billing period	11.279518¢ per KWH

For the purpose of this tariff, the on-peak and off-peak billing periods shall be defined as follows:

<u>Months</u>	On-Peak	Off-Peak
Approximate Percent (%) Of Annual Hours	16%	84%
<u>Winter Period:</u>		
November 1 to March 31	7:00 A.M. to 11:00 A.M. 6:00 P.M. to 10:00 P.M.	11:00 A.M. to 6:00 P.M. 10:00 P.M. to 7:00 A.M.
<u>Summer Period:</u>		
May 15 to September 15	Noon to 6:00 P.M.	6:00 P.M. to Noon
<u>All Other Calendar Periods</u>		
	None	Midnight to Midnight

NOTE: All KWH consumed during weekends are billed at the off-peak level.

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the Service Charge.

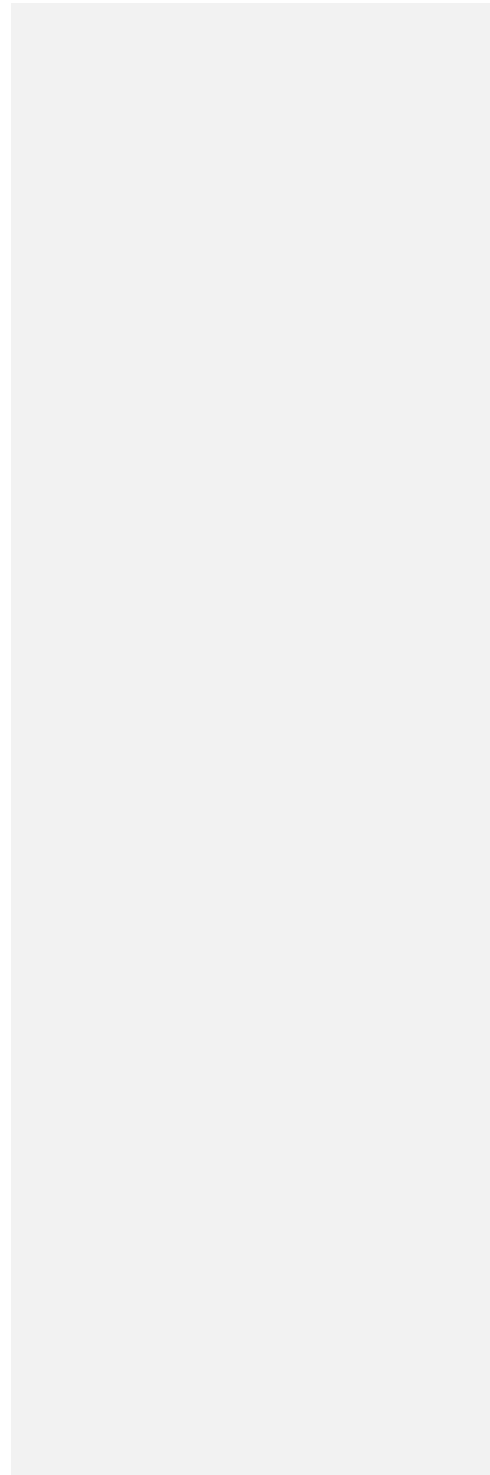
ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management	Sheet No. 22
Federal Tax Cut Tariff	Sheet No. 23
Kentucky Economic Development Surcharge	Sheet No. 24
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

DATE OF ISSUE: ~~February XXXXX XX, 2021~~
 DATE EFFECTIVE: Service Rendered On And After ~~January 14 XXXXX XX, 2021~~
 ISSUED BY: /s/ Brian K. West
 TITLE: Vice President, Regulatory & Finance
By Authority Of an Order of the Public Service Commission
 In Case No. 2021-00053174 Dated ~~January 13 XXXXX XX, 2021~~

(Cont'd on Sheet No. 7-6)



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL-1ST~~ REVISED SHEET T
NO. 7-7 T

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CANCELLING P.S.C. KY. NO. ~~11-2ND~~ REVISED ~~12 ORIGINAL~~ SHEET NO. 7-7

TARIFF M.G.S. – T.O.D.
(Medium General Service Time-of-Day)

AVAILABILITY OF SERVICE.

Available for general service to customers with average maximum demands greater than 10 KW but not more than 100 KW being served by a multi- register meter capable of measuring electrical energy consumption during variable pricing periods. Availability is limited to the first 500 customers applying for service under this tariff.

RATE. (Tariff Code 229)

Service Charge	\$ 25.00 per month	
Energy Charge: All KWH used during on-peak billing period	15.9086-147c per KWH	R
All KWH used during off-peak billing period	7.9158-154c per KWH	R

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the Service Charge.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Federal Tax Cut Tariff	Sheet No. 23
Kentucky Economic Development Surcharge	Sheet No. 24
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

DELAYED PAYMENT CHARGE.

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

(Cont'd on Sheet No. 7-8)

DATE OF ISSUE: ~~February 2XXXX XX, 2021~~
DATE EFFECTIVE: Service Rendered On And After ~~January 14XXXX XX, 2021~~
ISSUED BY: /s/ Brian K. West
TITLE: Vice President, Regulatory & Finance
By Authority Of an Order of the Public Service Commission
In Case No. 2021-0-00053174 Dated ~~January 13XXXX XX, 2021~~

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL-1ST REVISED~~ SHEET T
 NO. 9-1 T

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CANCELLING P.S.C. KY. NO. ~~11-2ND REVISED~~ 12 ORIGINAL SHEET NO. 9-1

TARIFF L.G.S
 (Large General Service)

AVAILABILITY OF SERVICE.

Available for general service to customers with average maximum demands greater than 100 KW but not more than 1,000 KW (excluding the demand served by the Load Management Time-of-Day provision).

Existing customers not meeting the above criteria will be permitted to continue service under present conditions only for continuous service at the premises occupied on or prior to December 5, 1984.

RATE.

Tariff Code	<u>Service Voltage</u>				RRRR
	Secondary 240, 242, 260	Primary 244, 246, 264	Subtransmission 248, 268	Transmission 250, 270	
Service Charge per Month	\$ 85.00	\$ 127.50	\$ 660.00	\$ 660.00	
Demand Charge per KW	\$ 8.77	\$ 7.90	\$ 6.61	\$ 6.16	
Excess Reactive Charge per KVA	\$ 3.46	\$ 3.46	\$ 3.46	\$ 3.46	
Energy Charge per KWH	8.432671c	7.356595c	5.230469c	5.085324c	

MINIMUM CHARGE.

Bills computed under the above rate are subject to a monthly minimum charge comprised of the sum of the service charge and the minimum demand charge. The minimum demand charge is the product of the demand charge per KW and the monthly billing demand.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management Adjustment Clause	Sheet No. 22
Federal Tax Cut Tariff	Sheet No. 23
Kentucky Economic Development Surcharge	Sheet No. 24
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

DELAYED PAYMENT CHARGE.

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

(Cont'd. On Sheet No. 9-2)

DATE OF ISSUE: ~~February 2XXXXX XX, 2021~~
 DATE EFFECTIVE: ~~Service Rendered On And After January 14XXXXX XX, 2021~~
 ISSUED BY: /s/ Brian K. West
 TITLE: Vice President, Regulatory & Finance
 By Authority Of an Order of the Public Service Commission
 In Case No. ~~20210-00053174~~ Dated ~~January 13XXXXX XX, 2021~~

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ORIGINAL-1st REVISED SHEET T
 NO. 9-2 T

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CANCELLING P.S.C. KY. NO. ~~11-2^{NP} REVISED~~ 12 ORIGINAL SHEET NO. 9-2

TARIFF L.G.S (Cont'd)
(Large General Service)

METERED VOLTAGE.

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

MONTHLY BILLING DEMAND.

Billing demand in KW shall be taken each month as the highest 15-minute integrated peak in kilowatts as registered during the month by a 15-minute integrating demand meter or indicator, or at the Company's option as the highest registration of a thermal type demand meter or indicator. The monthly billing demand so established shall in no event be less than 60% of the greater of (a) the customer's contract capacity or (b) the customer's highest previously established monthly billing demand during the past 11 months.

DETERMINATION OF EXCESS KILOVOLT-AMPERE (KVA) DEMAND.

The maximum KVA demand shall be determined by the use of a multiplier equal to the reciprocal of the average power factor recorded during the billing month, leading or lagging, applied to the metered demand. The excess KVA demand, if any, shall be the amount by which the maximum KVA demand established during the billing period exceeds 115% of the kilowatts of metered demand.

LOAD MANAGEMENT TIME-OF-DAY PROVISION.

Available to customers who use energy storage devices with time-differentiated load characteristics approved by the Company which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and who desire to receive service under this provision for their total requirements. This provision is also available for electric vehicle charging if separately metered.

Customers who desire to separately wire their load management load to a time-of-day meter and their general-use load to a standard meter shall receive service for both under the appropriate provision of this tariff.

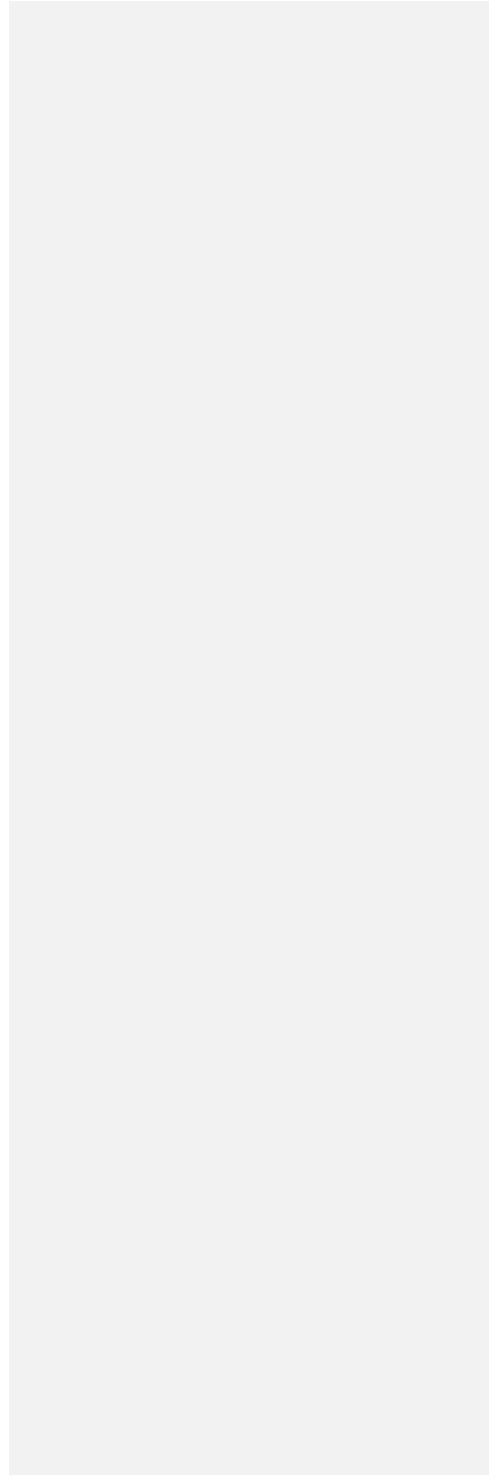
RATE. (Tariff Code 251)

Service Charge	\$ 85.00 per month	
Energy Charge:		
All KWH used during on-peak billing period	14.426665c per KWH	R
All KWH used during off-peak billing period	7.8888127c per KWH	R

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M. for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

(Cont'd on Sheet No. 9-3)

DATE OF ISSUE: ~~February 2XXXXX XX, 2021~~
DATE EFFECTIVE: ~~Service Rendered On And After January 14XXXXX XX, 2021~~
ISSUED BY: /s/ ~~Brian K. West~~
TITLE: ~~Vice President, Regulatory & Finance~~
~~By Authority Of an Order of the Public Service Commission~~
~~In Case No. 20210-00053474 Dated January 13XXXXX XX, 2021~~



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL 1st REVISED SHEET~~ T
 NO. 9-4 T

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CANCELLING P.S.C. KY. NO. ~~11-2ND REVISED~~ 12 ORIGINAL SHEET NO. 9-4

TARIFF L.G.S. – T.O.D
 (Large General Service – Time of Day)

AVAILABILITY OF SERVICE.

Available for general service customers with average maximum demands of 100 KW or greater. Customers may continue to qualify for service under this tariff until their 12-month average demand exceeds 1,000 KW. Availability is limited to the first 500 customers applying for service under this tariff.

RATE.

Tariff Code	<u>Service Voltage</u>				
	Secondary 256	Primary 257	Subtransmission 258	Transmission 259	
Service Charge per Month	\$ 85.00	\$ 127.50	\$ 660.00	\$ 660.00	
Demand Charge per KW	\$ 10.92	\$ 8.17	\$ 1.77	\$ 1.75	
Excessive Reactive Charge per KVA	\$ 3.46	\$ 3.46	\$ 3.46	\$ 3.46	
On-Peak Energy Charge per KWH	10.284523c	10.142384c	10.055294c	9.96940208c	RRRR
Off-Peak Energy Charge per KWH	5.360599c	5.318557c	5.293532c	5.267506c	RRRR

For the purpose of this tariff, the on-peak billing period is defined as 7:00 A.M. to 9:00 P.M., for all weekdays Monday through Friday. The off-peak billing period is defined as 9:00 P.M. to 7:00 A.M. for all weekdays and all hours of Saturday and Sunday.

MINIMUM CHARGE.

Bills computed under the above rate are subject to a monthly minimum charge comprised of the sum of the service charge and the minimum demand charge. The minimum demand charge is the product of the demand charge per KW and the monthly billing demand.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management	Sheet No. 22
Federal Tax Cut Tariff	Sheet No. 23
Kentucky Economic Development Surcharge	Sheet No. 24
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

DELAYED PAYMENT CHARGE.

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date additional charge of 5% of the unpaid portion will be made.

(Cont'd on Sheet No. 9-5)

DATE OF ISSUE: ~~February 2XXXXX XX, 2021~~
 DATE EFFECTIVE: Service Rendered On And After January 14XXXXX XX, 2021
 ISSUED BY: /s/ Brian K. West
 TITLE: Vice President, Regulatory & Finance
 By Authority Of an Order of the Public Service Commission
 In Case No. 2021-00053-174 Dated ~~January 13XXXXX XX, 2021~~

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL-1ST REVISED SHEET NO. T~~
 10-1 T

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CANCELLING P.S.C. KY. NO. ~~11-2ND REVISED~~ 12 ORIGINAL SHEET NO. 10-1

**TARIFF I.G.S.
 (Industrial General Service)**

AVAILABILITY OF SERVICE.

Available for commercial and industrial customers with contract demands of at least 1,000 KW. Customers shall contract for a definite amount of electrical capacity in kilowatts, which shall be sufficient to meet average maximum requirements.

RATE.

Service Voltage

	Secondary	Primary	Subtransmission	Transmission	
Tariff Code	356	358/370	359/371	360/372	
Service Charge per month	\$276.00	\$276.00	\$794.00	\$1,353.00	
Demand Charge per KW					
Of monthly on-peak billing demand	\$25.88	\$22.96	\$16.33	\$16.08	
Of monthly off-peak billing demand	\$ 1.80	\$ 1.78	\$ 1.76	\$ 1.75	
Energy Charge per KWH	2.698937¢	2.660899¢	2.635874¢	2.612854¢	R R R R
Reactive Demand Charge for each kilovar of maximum leading or lagging reactive demand in excess of 50 percent of the KW of monthly metered demand	\$0.69/ KVAR				

For the purpose of this tariff, the on-peak billing period is defined as 7:00 AM to 9:00 PM for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays and all hours of Saturday and Sunday.

MINIMUM DEMAND CHARGE.

The minimum demand charge shall be equal to the minimum billing demand times the following minimum demand rates:

<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	<u>Transmission</u>	
\$28.77/KW	\$25.81/KW	\$19.17/KW	\$18.88/kW	IIII

The minimum billing demand shall be the greater of 60% of the contract capacity set forth on the contract for electric service or 60% of the highest billing demand, on-peak or off-peak, recorded during the previous eleven months.

MINIMUM CHARGE.

This tariff is subject to a minimum charge equal to the Service Charge plus the Minimum Demand Charge.

(Cont'd. on Sheet No. 10-2)

DATE OF ISSUE: ~~February 2XXXXX XX, 2021~~
 DATE EFFECTIVE: ~~Service Rendered On And After January 14XXXXXX XX, 2021~~
 ISSUED BY: /s/ ~~Brian K. West~~
 TITLE: ~~Vice President, Regulatory & Finance~~
 By Authority Of an Order of the Public Service Commission
 In Case No. 20210-00053474 Dated ~~January 12XXXXXX XX, 2021~~

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ORIGINAL-1ST REVISED SHEET T
NO. 13-1 T

CANCELLING P.S.C. KY. NO. 11-2ND REVISED 12 ORIGINAL SHEET NO. 13-1

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**TARIFF M.W.
(Municipal Waterworks)**

AVAILABILITY OF SERVICE.

Available only to incorporated cities and towns and authorized water districts and to utility companies operating under the jurisdiction of Public Service Commission of Kentucky for the supply of electric energy to waterworks systems and sewage disposal systems served under this tariff on September 1, 1982, and only for continuous service at the premises occupied by the Customer on this date. If service hereunder is discontinued, it shall not again be available.

Customer shall contract with the Company for a reservation in capacity in kilovolt-amperes sufficient to meet with the maximum load, which the Company may be required to furnish.

RATE. (Tariff Code 540)

Service Charge \$ 25.00 per month
Energy Charge:
All KWH Used Per Month ~~9.80040.039~~¢ per KWH R

MINIMUM CHARGE.

This tariff is subject to a minimum monthly charge equal to the sum of the service charge plus \$9.78 per KVA as determined from customer's total connected load.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Demand-Side Management	Sheet No. 22
Federal Tax Cut Tariff	Sheet No. 23
Kentucky Economic Development Surcharge	Sheet No. 24
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

PAYMENT.

Bills will be rendered monthly and will be due and payable on or before the due date stated on the bill.

DELAYED PAYMENT CHARGE.

Bills under this tariff are due and payable within fifteen (15) days after their mailing date. All accounts not paid in full by the next billing date will be assessed an additional charge of 5% of the outstanding unpaid portion will be made.

(Cont'd on Sheet No. 13-2)

DATE OF ISSUE: ~~February XXXX XX, 2021~~

DATE EFFECTIVE: ~~Service Rendered On And After January 14 XXXX XX, 2021~~

ISSUED BY: /s/ ~~Brian K. West~~

TITLE: ~~Vice President, Regulatory & Finance~~

~~By Authority Of an Order of the Public Service Commission~~

~~In Case No. 20210-00053474 Dated January 13 XXXX XX, 2021~~

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1st} REVISED SHEET T
 NO. 14-1 T

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CANCELLING P.S.C. KY. NO. ~~11-2ND~~ ¹² REVISED ~~12~~ ORIGINAL SHEET NO. 14-1

**TARIFF O.L.
 (Outdoor Lighting)**

AVAILABILITY OF SERVICE.

Available for outdoor lighting to individual customers in locations where municipal street lighting is not applicable. New installations of High Pressure Sodium, Mercury Vapor and Metal Halide lamps shall cease on January 14, 2021.

BASE FUEL RATE.

Customers receiving service under this tariff will receive bills calculated using per lamp and base fuel charge. The base fuel charge will be calculated each month as shown below by multiplying the approved base fuel amount set forth in the Company's Fuel Adjustment Clause tariff by the relevant monthly kWh value set forth in the monthly kWh table included below in the Adjustment Clauses section of this tariff.

RATE.

A. OVERHEAD LIGHTING SERVICE

Tariff Code

1. High Pressure Sodium

094	100 watts (9,500 Lumens)...	\$ 9.06	per lamp + 0. 0.2851 ^{0.2612} x kWh in Sheet No. 14-5 in Company's tariff	R
113	150 watts (16,000 Lumens)...	\$ 10.33	per lamp + 0. 0.2851 ^{0.2612} x kWh in Sheet No. 14-5 in Company's tariff	
097	200 watts (22,000 Lumens)...	\$ 12.52	per lamp + 0. 0.2851 ^{0.2612} x kWh in Sheet No. 14-5 in Company's tariff	
103	250 watts (28,000 Lumens)...	\$ 17.84	per lamp + 0. 0.2851 ^{0.2612} x kWh in Sheet No. 14-5 in Company's tariff	
098	400 watts (50,000 Lumens)...	\$ 19.78	per lamp + 0. 0.2851 ^{0.2612} x kWh in Sheet No. 14-5 in Company's tariff	

Tariff Code

2. Mercury Vapor

093	175 watts (7,000 Lumens)...	\$ 11.55	per lamp + 0. 0.2851 ^{0.2612} x kWh in Sheet No. 14-5 in Company's tariff	R
095	400 watts (20,000 Lumens)...	\$ 19.88	per lamp + 0. 0.2851 ^{0.2612} x kWh in Sheet No. 14-5 in Company's tariff	

Tariff Code

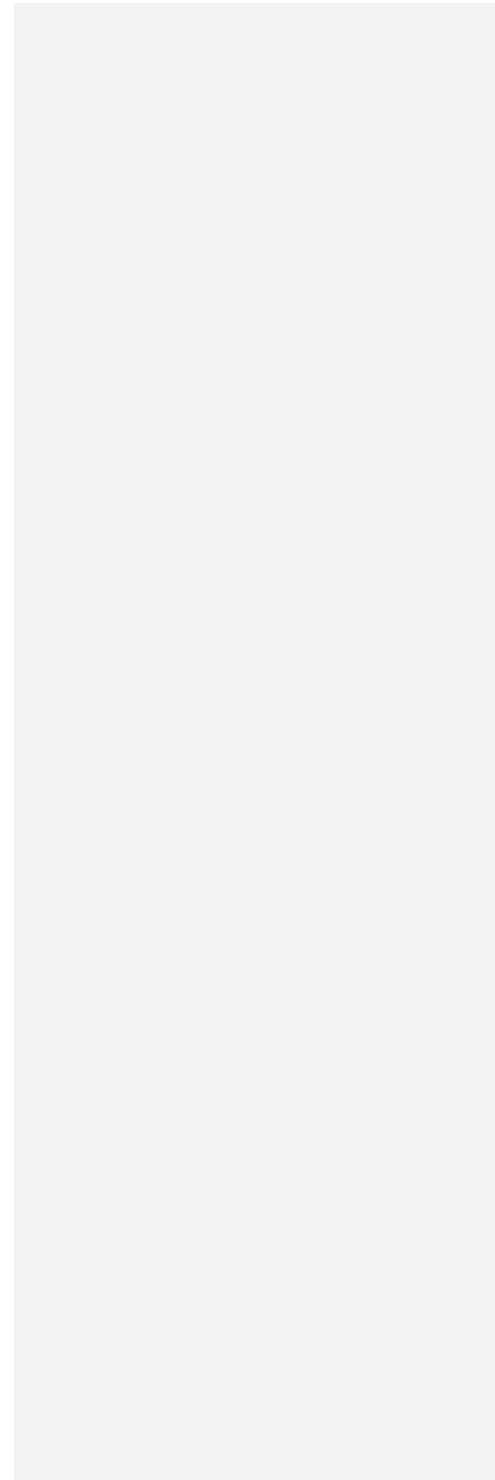
3. LED

150	55 watts (5,400 Lumens)	\$6.62	per lamp + 0. 0.2851 ^{0.2612} x kWh in Sheet No. 14-5 in Company's tariff	R
151	100 watts (10,500 Lumens)	\$9.20	per lamp + 0. 0.2851 ^{0.2612} x kWh in Sheet No. 14-5 in Company's tariff	
152	175 watts (18,430 Lumens)	\$11.62	per lamp + 0. 0.2851 ^{0.2612} x kWh in Sheet No. 14-5 in Company's tariff	
153	300 watts (30,230 Lumens)	\$17.94	per lamp + 0. 0.2851 ^{0.2612} x kWh in Sheet No. 14-5 in Company's tariff	

Company will provide lamp, photo-electric relay control equipment, luminaries and upsweep arm not over six feet in length, and will mount same on an existing pole carrying secondary circuits.

(Cont'd on Sheet No. 14-2)

DATE OF ISSUE: ~~March 12XXXXX XX, 2021~~
DATE EFFECTIVE: Service Rendered On And After January 14XXXXX XX, 2021
ISSUED BY: /s/ Brian K. West
TITLE: Vice President, Regulatory & Finance
By Authority Of an Order of the Public Service Commission
In Case No. 2021-00053174 Dated ~~January 12XXXXX XX, 2021~~



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~^{1st REVISED} T
 SHEET NO. 14-2

CANCELLING P.S.C. KY. NO. ~~11-1ST REVISED~~^{12 ORIGINAL} SHEET NO. 14-2

**TARIFF O.L. (Cont'd.)
 (Outdoor Lighting)**

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RATE. (Cont'd.)

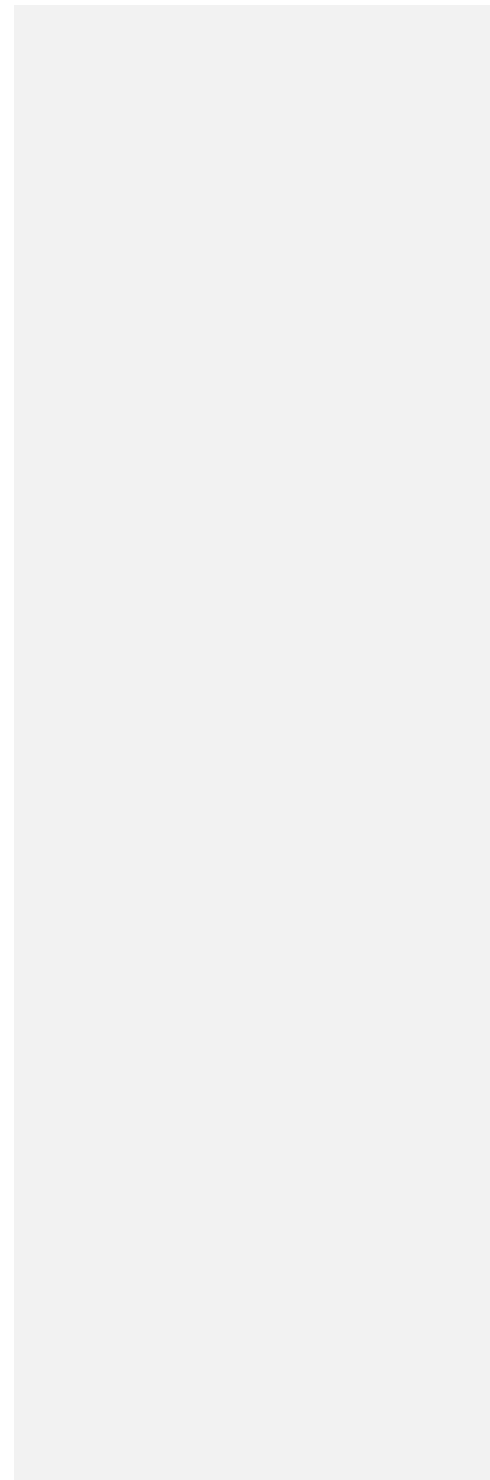
B. POST-TOP LIGHTING SERVICE				
Tariff Code	1. High Pressure Sodium			
111	100 watts (9,500 Lumens)...	\$ 16.42	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	R
122	150 watts (16,000 Lumens)...	\$ 25.83	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	
121	100 watts (9,500 Lumens)...	\$ 30.00	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	
120	250 watts (19,000 Lumens)...	\$ 30.07	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	
126	400 watts (40,000 Lumens)...	\$ 39.47	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	
Tariff Code	2. Mercury Vapor			
099	175 watts (7,000 Lumens)...	\$ 13.25	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	R
Tariff Code	3. LED			R
160	65 watts (7,230 Lumens)	\$19.05	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	

Company will provide lamp photo-electric relay control equipment, luminaries, post, and installation including underground wiring for a distance of thirty feet from the Company's existing secondary circuits. Incremental costs of installation beyond thirty feet shall be the responsibility of the customer.

C. FLOOD LIGHTING SERVICE				
Tariff Code	1. High Pressure Sodium			
107	200 watts (22,000 Lumens)...	\$ 14.38	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	R
109	400 watts (50,000 Lumens)...	\$ 21.00	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	
Tariff Code	2. Metal Halide			
110	250 watts (20,500 Lumens)...	\$ 17.45	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	R
116	400 watts (36,000 Lumens)...	\$ 21.98	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	
131	1000 watts (110,000 Lumens)...	\$ 40.01	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	
130	250 watts Mongoose (20,500 Lumens)...	\$ 22.76	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	
136	400 watts Mongoose (36,000 Lumens)...	\$ 27.78	per lamp + 0. 0285102612 ⁰²⁸⁵¹⁰²⁶¹² x kWh in Sheet No. 14-5 in Company's tariff	

(Cont'd on Sheet No. 14-3)

DATE OF ISSUE: ~~March 12XXXXX XX, 2021~~
DATE EFFECTIVE: ~~Service Rendered On And After January 14XXXXX XX, 2021~~
ISSUED BY: /s/ Brian K. West
TITLE: ~~Vice President, Regulatory & Finance~~
~~By Authority Of an Order of the Public Service Commission~~
In Case No. 20210-00053174 Dated ~~January 12XXXXX XX, 2021~~



KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ 1st REVISED SHEET T
 NO. 14-3

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CANCELLING P.S.C. KY. NO. ~~11 2nd REVISED~~ 12 ORIGINAL SHEET NO. 14-3 T

**TARIFF O.L. (Cont'd.)
 (Outdoor Lighting)**

RATE. (Cont'd.)

Tariff Code			R
	3. LED		
165	175 watts (21,962 Lumens)	\$24.75 per lamp + 0. 0285 <u>02612</u> x kWh in Sheet No. 14-5 in Company's tariff	
166	265 watts (32,000 Lumens)	\$30.40 per lamp + 0. 0285 <u>02612</u> x kWh in Sheet No. 14-5 in Company's tariff	

Company will provide lamp, photoelectric relay control equipment, luminaries, mounting bracket, and mount same on an existing pole carrying secondary circuits.

D. LED Lamp Conversion Charge

Existing outdoor lighting customers that wish to convert from non-LED lamps to new LED fixtures shall pay a monthly charge of \$3.33 per lamp replaced, per month for 84 months.

All lumen figures are based upon manufacturer estimates and may vary.

When new or additional facilities, other than those specified in Paragraphs A, B, and C, are to be installed by the Company, the customer in addition to the monthly charges, shall pay in advance the installation cost (labor and material) of such additional facilities extending from the nearest or most suitable pole of the Company to the point designated by the customer for the installation of said lamp, except that customer may, for the following facilities only, elect, in lieu of such payment of the installation cost to pay:

Wood pole.....	\$ 3.61 per month
Overhead wire span not over 150 feet.....	\$ 2.00 per month
Underground wire lateral not over 50 feet.....	\$ 6.77 per month
(Price includes pole riser and connections)	

E. FLEXIBLE LIGHTING OPTION (Tariff Code 175 for Unmetered and Tariff Code 201 for Metered)

Applicable for the installation of any outdoor area lighting system (System) on a private or public property and owned by the Company. The customer must be adjacent to an electric power line of the Company that is adequate for supplying the necessary electric service. Service for the System under this tariff shall require a contract addendum agreed to and signed by the customer. The System shall comply with the Company's terms and conditions unless otherwise noted in this section. Included in the contract addendum shall be the installed capital cost of the System and the monthly amount of kWh the System will use if it is not metered. The Company reserves the right to refuse service under this provision based on customer's creditworthiness.

(Cont'd on Sheet No. 14-4)

DATE OF ISSUE: ~~March 12~~XXXX XX, 2021
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 ISSUED BY: /s/ ~~Brian K. West~~
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 By Authority Of an Order of the Public Service Commission
 In Case No. 20210-00053474 Dated ~~January 13~~XXXX XX, 2021

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1st REVISED SHEET} T
NO. 14-4

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CANCELLING P.S.C. KY. NO. ~~11-12~~ ORIGINAL SHEET NO. 14-4 T

**TARIFF O.L. (Cont'd.)
(Outdoor Lighting)**

RATE. (Cont'd.)

Customers shall pay the monthly lamp charge for the System, a monthly maintenance charge, a non-fuel energy charge, a base fuel charge, and all applicable adjustment clauses.

Monthly Lamp Charge* = IC x MLFCR
Where: IC = Installed Cost of System

MLFCR = Monthly Levelized Fixed Cost Rate of 1.36% which is inclusive of return, depreciation, income taxes, property taxes and A&G expense components

Monthly maintenance charge is \$0.80 per lamp per month
Monthly non-fuel charge is .05519 \$/kWh
Base fuel charge is .02~~612854~~ \$/kWh

Customers selecting this flexible lighting option to replace existing lamps shall also be subject to the LED Lamp Conversion Charge. R

*Customers may pay a portion of the installed cost upfront to reduce the monthly lamp charge component of the rate.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Federal Tax Cut Tariff	Sheet No. 23
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

For adjustments calculated on a per kWh basis, including those calculated under the Fuel Adjustment Clause, System Sales Clause, and the Capacity Charge tariffs, the following kWh values will be used in the calculation:

(Cont'd on Sheet No. 14-5)

DATE OF ISSUE: ~~XXXX XX~~ March 12, 2021
DATE EFFECTIVE: Service Rendered On And After January 14XXXX XX, 2021
ISSUED BY: /s/ Brian K. West
TITLE: Vice President, Regulatory & Finance
By Authority Of an Order of the Public Service Commission
In Case No. 20210-00053174 Dated January 13XXXX XX, 2021

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1ST} REVISED T
 SHEET NO. 15-1 T
 CANCELLING P.S.C. KY. NO. ~~11-2ND~~ REVISED ¹² ORIGINAL SHEET NO. 15-1

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**TARIFF S.L.
 (Street Lighting)**

AVAILABILITY OF SERVICE.

Available for lighting service for all the lighting of public streets, public highways and other public outdoor areas in municipalities, counties, and other governmental subdivisions where such service can be supplied from the existing general distribution systems. New installations of High Pressure Sodium lamps shall cease on January 14, 2021.

BASE FUEL RATE.

Customers receiving service under this tariff will receive bills calculated using per lamp and base fuel charge. The base fuel charge will be calculated each month as shown below by multiplying the approved base fuel amount set forth in the Company's Fuel Adjustment Clause tariff by the relevant monthly kWh value set forth in the monthly kWh table included below in the Adjustment Clauses section of this tariff.

RATE. (Tariff Code 528)

A. Overhead Service on Existing Distribution Poles

1. High Pressure Sodium			
100 watts (9,500 Lumens)...	\$ 7.61 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	R
150 watts (16,000 Lumens)...	\$ 8.36 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	
200 watts (22,000 Lumens)...	\$ 9.90 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	
400 watts (50,000 Lumens)...	\$ 13.00 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	
2. LED			
55 watts OH (5,400 Lumens)...	\$ 8.71 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	R
100 watts OH (10,500 Lumens)...	\$ 11.19 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	
175 watts OH (18,430 Lumens)...	\$ 13.34 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	
65 watts Post Top (7,230 Lumens)...	\$ 9.05 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	
90 watts Post Top (7,038 Lumens)...	\$ 20.07 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	
175 watts Flood (21,962 Lumens)...	\$ 14.69 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	

B. Service on New Wood Distribution Poles

1. High Pressure Sodium			
100 watts (9,500 Lumens)...	\$ 11.90 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	R
150 watts (16,000 Lumens)...	\$ 12.75 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	
200 watts (22,000 Lumens)...	\$ 14.30 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	
400 watts (50,000 Lumens)...	\$ 18.35 per lamp + 0.	02854 ⁰²⁸⁵⁴ 02612 ⁰²⁶¹² x kWh in Sheet No. 15-4 in Company's tariff	

(Cont'd on Sheet No. 15-2)

DATE OF ISSUE: ~~March 12~~XXXXXX XX, 2021
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 In Case No. 2021-00053 ~~174~~ Dated ~~January 12~~XXXXXX XX, 2021

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ~~ORIGINAL~~ ^{1ST REVISED} SHEET NO. T
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CANCELLING P.S.C. KY. NO. ~~11-1ST REVISED~~ ^{12 ORIGINAL} SHEET NO. 15-2

**TARIFF S.L. (Cont'd.)
 (Street Lighting)**

2. LED		R
55 watts OH (5,400 Lumens)...	\$ 14.36 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
100 watts OH (10,500 Lumens)...	\$ 16.85 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
175 watts OH(18,430 Lumens)...	\$ 19.00 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
65 watts Post Top (7,230 Lumens)...	\$ 14.70 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
90 watts Post Top (7,038 Lumens)...	\$ 25.73 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
175 watts Flood (21,962 Lumens)...	\$ 20.35 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	

C. Service on New Metal or Concrete Poles*

1. High Pressure Sodium		R
100 watts (9,500 Lumens)...	\$ 24.80 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
150 watts (16,000 Lumens)...	\$ 25.70 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
200 watts (22,000 Lumens)...	\$ 27.25 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
400 watts (50,000 Lumens)...	\$ 30.35 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	

2. LED		R
55 watts OH (5,400 Lumens)...	\$ 25.10 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
100 watts OH (10,500 Lumens)...	\$ 26.78 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
175 watts OH(18,430 Lumens)...	\$ 28.11 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
65 watts Post Top (7,230 Lumens)...	\$ 25.85 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
90 watts Post Top (7,038 Lumens)...	\$ 36.74 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	
175 watts Flood (21,962 Lumens)...	\$ 29.42 per lamp + 0. 0285402612 x kWh in Sheet No. 15-4 in Company's tariff	

*Effective June 29, 2010 and thereafter these lamps are not available for new installations

D. LED Lamp Conversion Charge

Existing street lighting customers that wish to convert from non-LED lamps to a new LED fixture shall pay a monthly charge of \$2.18 per lamp replaced, per month for 84 months.

Lumen rating is based on manufacturer's rated lumen output for new lamps and may vary.

E. FLEXIBLE LIGHTING OPTION (Tariff Code 525 for Unmetered and Tariff Code 526 for Metered)

Applicable for the installation of any street lighting system (System) on a private or public property and owned by the Company. The customer must be adjacent to an electric power line of the Company that is adequate for supplying the necessary electric service. Service for the System under this tariff shall require a contract addendum agreed to and signed by the customer. The System shall comply with the Company's terms and conditions unless otherwise noted in this section. Included in the contract addendum shall be the installed capital cost of the System and the monthly amount of kWh the System will use unless the system is separately metered. The Company reserves the right to refuse service under this provision based on customer's credit worthiness.

(Cont'd on Sheet No. 15-3)

DATE OF ISSUE: ~~March 12XXXXX XX, 2021~~
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 By Authority of an Order of the Public Service Commission
In Case No. 20210-00053474 Dated January 13XXXXX XX, 2021

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 12 ORIGINAL 1st REVISED SHEET NO. 15-3 T

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CANCELLING P.S.C. KY. NO. 11-12 ORIGINAL SHEET NO. 15-3 T

**TARIFF S.L. (Cont'd.)
(Street Lighting)**

Customers shall pay the monthly lamp charge for the System, a monthly maintenance charge, a non-fuel energy charge, a base fuel charge, and all applicable adjustment clauses.

Monthly Lamp Charge* = IC x MLFCR
Where: IC = Installed Cost of System

MLFCR = Monthly Levelized Fixed Cost Rate of 0.97% which is inclusive of return, depreciation, income taxes, property taxes and A&G expense components

Monthly maintenance charge is \$2.52 per lamp per month
Monthly non-fuel charge is .04393 \$/kWh
Base fuel charge is .02612854 \$/kWh

R

Customers selecting this flexible lighting option to replace existing lamps shall also be subject to the LED Lamp Conversion Charge.

*Customers may pay a portion of the installed cost upfront to reduce the monthly lamp charge component of the rate.

ADJUSTMENT CLAUSES.

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 5
System Sales Clause	Sheet No. 19
Franchise Tariff	Sheet No. 20
Federal Tax Cut Tariff	Sheet No. 23
Environmental Surcharge	Sheet No. 29
Capacity Charge	Sheet No. 30
School Tax	Sheet No. 33
Purchase Power Adjustment	Sheet No. 35
Decommissioning Rider	Sheet No. 38

For adjustments calculated on a per kWh basis, including those calculated under the Fuel Adjustment Clause, System Sales Clause, and the Capacity Charge tariffs, the following kWh values will be used in the calculation:

(Cont'd on Sheet No. 15-4)

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DATE EFFECTIVE: Service Rendered On And After ~~January 14~~XXXX XX, 2021
ISSUED BY: /s/ Brian K. West
TITLE: Vice President, Regulatory & Finance
By Authority of an Order of the Public Service Commission
In Case No. 20210-00053174 Dated ~~January 13~~XXXX XX, 2021

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_29 For the years ending October 31, 2019, and October 31, 2020, provide:

- a. Maximum annual system demand; and
- b. Average annual demand.

RESPONSE

a & b. Please see table below for requested information.

<u>Year Ending October 2019</u>	<u>Year Ending October 2020</u>
Peak Demand	Peak Demand
Maximum	1,168
Average	937

Witness: Brian K. West

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

- KPSC 1_30** a. Provide a schedule of the calculation of the 12-month average line loss by month for November 2018 through October 2020.
- b. Describe the actions that Kentucky Power has taken to reduce line loss during this period.

RESPONSE

- a. Please see KPCO_R_KPSC_1_30_Attachment1.
- b. The Company works to reduce line losses by increasing conductor size, installing more efficient transformers, employing a reactive energy corrective program, and increasing the operating voltage levels of transmission and distribution lines. These actions reduce losses at constant load and help limit losses for additional load.

Witness: Brian K. West

Month	Year		Total Energy Disposed	Assoc. Company Interchange	System Sales for Resale	Internal Energy Disposed	Energy Lost & Unaccounted	% Line Loss Internal
1	2		3	4	5	6=(3-4-5)	7	(7/6)
November	18	current month	532,134	-	14,967	517,167	30,231	5.845%
		12 mos. ending	7,262,779	-	1,022,684	6,240,095	263,127	4.217%
December	18	current month	585,614	-	14,491	571,123	48,397	8.474%
		12 mos. ending	7,107,628	-	901,282	6,206,346	268,794	4.331%
January	19	current month	697,835	-	81,844	615,991	44,984	7.303%
		12 mos. ending	7,006,460	-	877,458	6,129,002	252,968	4.127%
February	19	current month	561,331	-	74,480	486,851	31,655	6.502%
		12 mos. ending	7,049,703	-	924,173	6,125,530	284,128	4.638%
March	19	current month	594,787	-	71,803	522,984	(28,146)	-5.382%
		12 mos. ending	7,094,512	-	981,171	6,113,341	266,615	4.361%
April	19	current month	498,988	-	70,818	428,170	33,889	7.915%
		12 mos. ending	7,122,252	-	1,035,933	6,086,319	273,670	4.496%
May	19	current month	498,701	-	49,654	449,047	(5,177)	-1.153%
		12 mos. ending	7,059,307	-	1,000,225	6,059,082	278,581	4.598%
June	19	current month	516,104	-	46,924	469,180	27,656	5.895%
		12 mos. ending	7,025,211	-	987,874	6,037,337	267,829	4.436%
July	19	current month	723,508	-	199,782	523,726	19,603	3.743%
		12 mos. ending	7,060,693	-	1,021,876	6,038,817	257,341	4.261%
August	19	current month	605,778	-	94,303	511,475	24,217	4.735%
		12 mos. ending	6,956,140	-	921,650	6,034,490	266,663	4.419%
September	19	current month	594,241	-	115,498	478,743	27,387	5.721%
		12 mos. ending	6,970,912	-	933,329	6,037,583	255,239	4.228%
October	19	current month	470,375	-	30,090	440,285	24,033	5.459%
		12 mos. ending	6,879,396	-	864,653	6,014,743	278,729	4.634%
November	19	current month	533,870	-	25,463	508,407	26,797	5.271%
		12 mos. ending	6,881,132	-	875,149	6,005,983	275,295	4.584%
December	19	current month	556,889	-	17,177	539,712	30,648	5.679%
		12 mos. ending	6,852,407	-	877,835	5,974,572	257,546	4.311%
January	20	current month	569,126	-	27,448	541,678	27,293	5.039%
		12 mos. ending	6,723,698	-	823,439	5,900,259	239,855	4.065%
February	20	current month	523,131	-	13,215	509,916	23,345	4.578%
		12 mos. ending	6,685,498	-	762,175	5,923,323	231,545	3.909%
March	20	current month	470,007	-	25,867	444,140	20,873	4.700%
		12 mos. ending	6,560,718	-	716,239	5,844,479	280,564	4.800%
April	20	current month	411,422	-	22,460	388,962	19,246	4.948%
		12 mos. ending	6,473,152	-	667,881	5,805,271	265,921	4.581%
May	20	current month	455,958	-	40,806	415,152	(6,274)	-1.511%
		12 mos. ending	6,430,409	-	659,033	5,771,376	264,824	4.589%
June	20	current month	475,023	-	47,869	427,154	32,357	7.575%
		12 mos. ending	6,389,328	-	659,978	5,729,350	269,525	4.704%
July	20	current month	593,828	-	85,449	508,379	20,958	4.123%
		12 mos. ending	6,259,648	-	545,646	5,714,002	270,880	4.741%
August	20	current month	526,738	-	47,512	479,226	38,025	7.935%
		12 mos. ending	6,180,608	-	498,855	5,681,753	284,688	5.011%
September	20	current month	422,059	-	7,031	415,028	31,381	7.561%

Month	Year	Total Energy Disposed	Assoc. Company Interchange	System Sales for Resale	Internal Energy Disposed	Energy Lost & Unaccounted	% Line Loss Internal	
1	2	3	4	5	6=(3-4-5)	7	(7/6)	
		12 mos. ending	6,008,426	-	390,388	5,618,038	288,682	5.138%
October	20	current month	391,999	-	15,641	376,358	20,968	5.571%
		12 mos. ending	5,930,050	-	375,939	5,554,111	285,617	5.142%

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_31 Provide the most recent projected fuel requirements for the years 2021 and 2022 in tons for coal, MMBtu for natural gas, and dollars.

RESPONSE

1) Please see KPCO_R_KPSC_1_31_Public_Attachment1 for the 2021 and 2022 forecast in tons and dollar for coal; and

2) Please see KPCO_R_KPSC_1_31_Public_Attachment2 for the 2021 and 2022 forecast in MMBTUs and dollars for natural gas.

3) Note that these forecasts were made as of January 8th, 2021.

Witness: Clinton M. Stutler

Witness: Jeffrey C. Dial

Mitchell Coal Consumption, Kentucky Power Portion

	Total Tons (000)	Total Dollars (\$000)
Mar-21		
Apr-21		
May-21		
Jun-21		
Jul-21		
Aug-21		
Sep-21		
Oct-21		
Nov-21		
Dec-21		
Jan-22		
Feb-22		
Mar-22		
Apr-22		
May-22		
Jun-22		
Jul-22		
Aug-22		
Sep-22		
Oct-22		
Nov-22		
Dec-22		

Big Sandy Natural Gas Consumption

	Total	Variable Costs ^A	Fixed Costs ^B
	(000 MMBTUs)	(\$000)	(\$000)
Mar-21			
Apr-21			
May-21			
Jun-21			
Jul-21			
Aug-21			
Sep-21			
Oct-21			
Nov-21			
Dec-21			
Jan-22			
Feb-22			
Mar-22			
Apr-22			
May-22			
Jun-22			
Jul-22			
Aug-22			
Sep-22			
Oct-22			
Nov-22			
Dec-22			

^A Represents physical natural gas cost and variable transportation cost

^B Represents firm natural gas transportation reservation fee

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_32 Provide the most recent sales projections for the years 2021 and 2022 in kWh and dollars.

RESPONSE

KPCO_R_KPSC_1_32_Public_Attachment1 provides projected energy sales and revenues by sector for Kentucky Power Company for 2021 and 2022.

Witness: Brian K. West

Kentucky Power Company
Forecast Energy Sales (kWh) and Revenues (\$)

	Energy Sales (kWh)	
	2021	2022
Residential	1,942,603,449	1,933,310,293
Commercial	1,157,847,737	1,160,399,769
Industrial	1,996,174,272	2,000,582,426
Other Retail	10,266,208	10,306,181
Total Retail	5,106,891,667	5,104,598,669
FERC Municipals	78,382,994	78,111,089
Total Sales	5,185,274,661	5,182,709,757

	Energy Revenues (\$)	
	2021	2022
Residential		
Commercial		
Industrial		
Other Retail		
Total Retail		
FERC Municipals		
Total Sales		

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_33 Provide the planned maintenance schedule for each of the generating units for the years 2021 and 2022.

RESPONSE

Please refer to KPCO_R_KPSC_1_33_Public_Attachment1 for the requested information.

Witness: Douglas J. Rosenberger

Witness: David L. Mell

Kentucky Power Company
Fuel Adjustment Case No. 2021-00053
Generating Unit Planned Maintenance Outages
2021 and 2022

<u>2021</u>	Start Date	End Date
Big Sandy 1		
Big Sandy 1		
Mitchell 1		
Mitchell 2		

<u>2022</u>	Start Date	End Date
Big Sandy 1		
Mitchell 1		
Mitchell 2		

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021

DATA REQUEST

KPSC 1_34 Identify any issues that could affect fuel costs for the two-year period that remain unresolved or unsettled. Include in the response any issues related to billings from a regional transmission operator. Consider this a continuing request to inform the Commission if Kentucky Power becomes aware of any issues during the course of this proceeding.

RESPONSE

The Company is unaware of any unresolved or unsettled issues that might affect fuel costs for the review period. The Company similarly is unaware of any unresolved or unsettled issues for the review period related to billings from a regional transmission operator.

Witness: Brian K. West

Kentucky Power Company
KPSC Case No. 2021-00053
Commission Staff's First Set of Data Requests
Dated March 4, 2021
Page 1 of 2

DATA REQUEST

- KPSC 1_35** Provide the number of Kentucky Power's coal purchase contracts that included transportation costs and those that did not from November 1, 2018, through October 31, 2020.
- a. Explain how it is determined whether transportation costs will be included in the coal purchase contract.
 - b. When transportation is contracted for separately from the coal contract, explain whether Kentucky Power issues requests for proposals (RFP) for this service.
 - (1) If yes, state how often this occurs, how many vendors are included in the RFP, and how is it determined which vendors will receive the RFP.
 - (2) State whether Kentucky Power uses or contracts with any related parties for transportation of its coal purchases. If yes, provide the name of the related party and nature of the relationship, the period it has contracted with the party, and copies of any contracts with the related party if not previously filed with the Commission.
 - c. Explain in detail Kentucky Power's policies and procedures for entering into transportation contracts.

RESPONSE

Kentucky Power did not have any coal purchase contracts during the period November 1, 2018 through October 31, 2020 that included transportation costs.

- a. All purchases during the Review Period made by Kentucky Power were procured on an FOB Barge basis for low sulfur coal. High sulfur coal was procured on an FOB plant basis and is delivered to the plant by conveyor.

Kentucky Power Company
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Dated March 4, 2021
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- b. Kentucky Power does not issue Requests for Proposals for transportation services.
 - 1. Not applicable
 - 2. Kentucky Power utilizes Indiana Michigan Power Company's River Transportation Division ("Division") for barge deliveries to the Mitchell Plant. A copy of the Barge Transportation Agreement and associated amendment were filed on March 19, 2014 with the Commission. The contract is for an undefined to term. It is terminable upon written notice by Kentucky Power to the Division not less than six months prior to the termination date specified in the notice.

 - 1. Kentucky Power reviews the reasonableness of the Barge Transportation Agreement periodically by comparing published barge transportation terms with those under the Barge Transportation Agreement to determine the reasonableness of the Barge Transportation Agreement. The comparison considers factors such as volume, assets required, equipment lease costs, number of rivers transited, origins and destination, number of locks and dams transited. Based on its comparison of the factors identified above, and others, Kentucky Power determined in 2019 that the Barge Transportation Agreement remained reasonable.
- c. See response to 35 (b) (2) above

Witness: Jeffrey C. Dial



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E-Signature Summary

E-Signature 1: Clinton Stutler (CMS)

March 18, 2021 08:04:28 -8:00 [37E282BABD84] [167.239.221.80]
cmstutler@aep.com (Principal) (Personally Known)

E-Signature Notary: S. Smithhisler (SRS)

March 18, 2021 08:04:28 -8:00 [1ED68E5D4693] [76.181.29.15]
srsmithhisler@aep.com
I, S. Smithhisler, did witness the participants named above electronically sign this document.



VERIFICATION

The undersigned, Brian K. West, being duly sworn, deposes and says he is Vice President, Regulatory & Finance for Kentucky Power Company that he has personal knowledge of the matters set forth in the forgoing responses and the information contained therein is true and correct to the best of his information, knowledge and belief after reasonable inquiry.



Brian K. West

State of Indiana)
) ss Case No. 2021-00053
County of Allen)

Subscribed and sworn to before me, a Notary Public, in and for said County and State, Brian K. West this 18th day of March, 2021.

Regiana M.)
Sistevaris) Digitally signed by Regiana M. Sistevaris
) Date: 2021.03.18 08:12:52
) -04'00'

Regiana M. Sistevaris, Notary Public

My Commission Expires: January 7, 2023



Stegall Verification Case No 2021 00053.doc

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E-Signature Summary

E-Signature 1: Jason M. Stegall (JMS)

March 18, 2021 06:18:47 -8:00 [5555DCF12782] [167.239.221.85]
 jmstegall@aep.com (Principal) (Personally Known)

E-Signature Notary: Sarah Smithhisler (SRS)

March 18, 2021 06:18:47 -8:00 [5E12C09EC4F7] [76.181.29.15]
 srsmithhisler@aep.com

I, Sarah Smithhisler, did witness the participants named above electronically sign this document.



VERIFICATION

The undersigned, Jason M. Stegall, being duly sworn, deposes and says he is the Regulated Pricing & Analysis Manager for American Electric Power Service Corporation, that he has personal knowledge of the matters set forth in the foregoing responses and the information contained therein is true and correct to the best of his information, knowledge, and belief.


Signed on 2021/03/18 06:18:47 -8:00

Jason M. Stegall


State of Ohio)
County of Franklin)

Case No. 2021-00053

Subscribed and sworn before me, a Notary Public, by Jason M. Stegall this

18th day of March, 2021.

Notary Public


Signed on 2021/03/18 06:18:47 -8:00



My Commission Expires April 29, 2024





Mell Verification Case No 2021 00053.doc

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E-Signature Summary

E-Signature 1: David Lee Mell (DLM)

March 18, 2021 07:12:22 -8:00 [2598A4E2A565] [167.239.221.85]
dlmell@aep.com (Principal) (Personally Known)

E-Signature Notary: S. Smithhisler (SRS)

March 18, 2021 07:12:22 -8:00 [2E2DDADF9D27] [76.181.29.15]
srsmithhisler@aep.com
I, S. Smithhisler, did witness the participants named above electronically sign this document.





Rosenberger Verification Case No 2021 00053.doc

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E-Signature Summary

E-Signature 1: Douglas J Rosenberger (DJR)

March 18, 2021 05:42:39 -8:00 [32133A3A94D3] [167.239.221.84]
djrosenberger@aep.com (Principal) (Personally Known)

E-Signature Notary: S. Smithhisler (SRS)

March 18, 2021 05:42:39 -8:00 [904C722B09D1] [76.181.29.15]
srsmithhisler@aep.com

I, S. Smithhisler, did witness the participants named above electronically sign this document.

