

KyPSC Case No. 2025-00342
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VERIFICATION

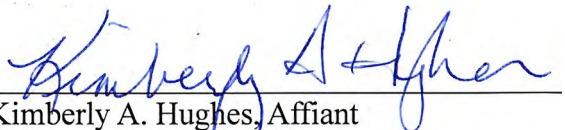
STATE OF NORTH CAROLINA)

)

SS:


COUNTY OF MECKLENBURG)

The undersigned, Kimberly A. Hughes, Director Coal Origination, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing data requests and that the answers contained therein are true and correct to the best of her knowledge, information, and belief.



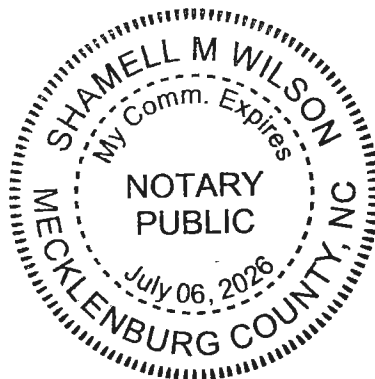
Kimberly A. Hughes, Affiant

Subscribed and sworn to before me by Kimberly A. Hughes on this 13th day
of January, 2026.



NOTARY PUBLIC

My Commission Expires:



VERIFICATION


STATE OF NORTH CAROLINA)
)
COUNTY OF MECKLENBURG) SS:

The undersigned, Jim McClay, Managing Director Natural Gas Trading, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests and that the answers contained therein are true and correct to the best of his knowledge, information, and belief.



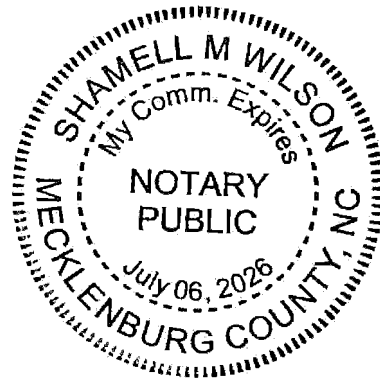
Jim McClay, Affiant

Subscribed and sworn to before me by Jim McClay on this 13th day of
January, 2026.



NOTARY PUBLIC

My Commission Expires:

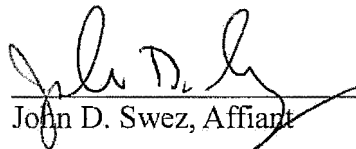


VERIFICATION

STATE OF NORTH CAROLINA)
)
COUNTY OF MECKLENBURG)

SS:

The undersigned, John D. Swez, Managing Director, Trading & Dispatch, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests and that the answers contained therein are true and correct to the best of his knowledge, information, and belief.



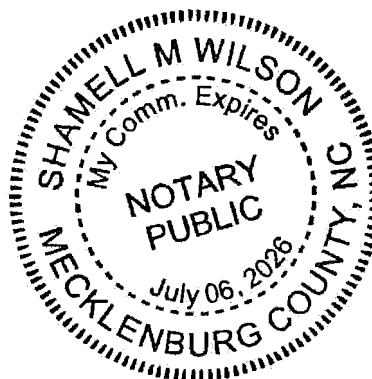
John D. Swez, Affiant

Subscribed and sworn to before me by John D. Swez on this 13th day of
January, 2026.



NOTARY PUBLIC

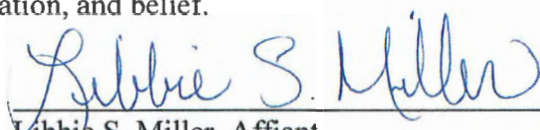
My Commission Expires:



VERIFICATION

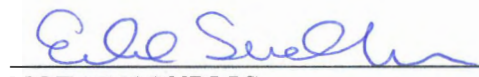
STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The undersigned, Libbie S. Miller, Rates & Regulatory Strategy Manager, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing data requests, and that the information contained therein is true and correct to the best of her knowledge, information, and belief.



Libbie S. Miller, Affiant

Subscribed and sworn to before me Libbie S. Miller on this 22nd day of January, 2026.



NOTARY PUBLIC

My Commission Expires: July 8, 2027



EMILIE SUNDERMAN
Notary Public
State of Ohio
My Comm. Expires
July 8, 2027

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-001

REQUEST:

For the period from May 1, 2024, to October 31, 2024 (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:

For the period under review from May 1, 2024 through October 31, 2024, please see STAFF-DR-01-001 Attachment.

PERSON RESPONSIBLE: Kimberly Hughes

Duke Energy Kentucky
Case No. 2025-00342- Staff First Set Data Requests
Coal purchased May 1, 2024 to October 31, 2024

<u>Vendor</u>	<u>Purchase Tonnage</u>	<u>Purchase Type</u>	<u>Contract #</u>	<u>Filed with Commission</u>	<u>Expiration Dates</u>	<u>If no, Explain why</u>
ACNR INC	9,108	Spot	DEK 35746	4/8/2022	9/15/2024	
Iron Coal Sales	114,071	Contract	DEK 35197	4/4/2023	12/31/2024	
Central Coal Co	277,674	Contract	DEK 35366	4/4/2023	12/31/2025	
ALLIANCE COAL LLC	28,594	Contract	DEK 34815	3/8/2022	12/31/2024	
Total	<u>429,446</u>					
	98%	Contract				
	2%	Spot				
	100%	Total				

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-002

REQUEST:

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 the following:

- 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, or other);
- e. The actual quantity received during the review period; and
- f. Current price paid per ton.

RESPONSE:

- a. **35197**
 - b. Iron Coal Sales
 - c. Cumberland Mining Complex, PA
 - d. Barge
 - e. 114,071
 - f. \$78.00
-
- a. **35366**
 - b. Central Coal Company as agent for Knight Hawk Coal, LLC
 - c. Knight Hawk's Prairie Eagle Mine, IL

- d. Barge
- e. 277,674
- f. \$50.38

- a. 34815**
- b. Alliance Coal, LLC
- c. Tunnel Ridge, Ohio County, WV
- d. Barge
- e. 28,594
- f. \$59.00

PERSON RESPONSIBLE: Kimberly Hughes

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-003

REQUEST:

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.

(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. Duke Energy Kentucky's total aggregate inventory across the system as of October 31, 2024, was 264,092 tons, or 41 days. This total inventory is for East Bend Station, which is the only coal-fired generating station in the Duke Energy Kentucky fleet.

b. The number of days' supply is computed by dividing the ending coal inventory number stated in tons by the Full Load Burn figure of 6,500 tons per day.

c. The target coal inventory is an annual average of 45 days compared to the actual inventory amount of 41 days on October 31, 2024, for East Bend Station which is the only coal-fired generating station in the Duke Energy Kentucky fleet.

d. Duke Energy Kentucky's coal inventory did not exceed the inventory target by ten days of supply.

(1) Duke Energy Kentucky does not expect any significant changes in its current coal inventory target within the next 12 months.

(2) N/A

PERSON RESPONSIBLE: Kimberly Hughes

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-004

REQUEST:

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:

a. Duke Energy Kentucky did not issue a written coal supply solicitation during May 1, 2024 through October 31, 2024.

b. N/A

PERSON RESPONSIBLE: Kimberly Hughes

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-005

REQUEST:

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:

a. Duke Energy Kentucky did not issue an oral coal supply solicitation during May 1, 2024 through October 31, 2024.

b. N/A

PERSON RESPONSIBLE: Kimberly Hughes

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-006

REQUEST:

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 STAFF-DR-01-006 Attachment which lists each vendor from whom natural gas was purchased for the period of May 1, 2024 to October 31, 2024. 100% of the natural gas purchases were transacted in the spot market.

PERSON RESPONSIBLE: James “Jim” J. McClay, III

Duke Energy Kentucky - Physical Natural Gas Purchases
May 1, 2024 - October 31, 2024

Spot/Contract	Counterpart	Start Date	End Date	Buy/Sell	Qty	Qty UOM
Spot	Vitol Inc.	5/1/2024	5/1/2024	Buy	5000	MMBtu
Spot	TENASKA MARKETING VE	5/2/2024	5/2/2024	Buy	5000	MMBtu
Spot	Vitol Inc.	5/3/2024	5/3/2024	Buy	5000	MMBtu
Spot	TENASKA MARKETING VE	5/4/2024	5/4/2024	Buy	10000	MMBtu
Spot	NRG BusMrktg	5/6/2024	5/6/2024	Buy	10000	MMBtu
Spot	Eco Energy Nat Gas	5/6/2024	5/6/2024	Buy	10000	MMBtu
Spot	NRG BusMrktg	5/7/2024	5/7/2024	Buy	6400	MMBtu
Spot	Eco Energy Nat Gas	5/7/2024	5/7/2024	Buy	8000	MMBtu
Spot	TENASKA MARKETING VE	5/8/2024	5/8/2024	Buy	6000	MMBtu
Spot	TENASKA MARKETING VE	5/8/2024	5/8/2024	Buy	9000	MMBtu
Spot	NRG BusMrktg	5/9/2024	5/9/2024	Buy	8900	MMBtu
Spot	Vitol Inc.	5/14/2024	5/14/2024	Buy	10000	MMBtu
Spot	TENASKA MARKETING VE	5/14/2024	5/14/2024	Buy	30000	MMBtu
Spot	Vitol Inc.	5/15/2024	5/15/2024	Buy	10000	MMBtu
Spot	TENASKA MARKETING VE	5/15/2024	5/15/2024	Buy	10000	MMBtu
Spot	Vitol Inc.	5/16/2024	5/16/2024	Buy	25000	MMBtu
Spot	NRG BusMrktg	5/17/2024	5/17/2024	Buy	3103	MMBtu
Spot	Eco Energy Nat Gas	5/17/2024	5/17/2024	Buy	7000	MMBtu
Spot	NRG BusMrktg	5/18/2024	5/18/2024	Buy	4310	MMBtu
Spot	TENASKA MARKETING VE	5/18/2024	5/18/2024	Buy	6000	MMBtu
Spot	TENASKA MARKETING VE	5/18/2024	5/18/2024	Buy	26000	MMBtu
Spot	Vitol Inc.	5/19/2024	5/19/2024	Buy	20000	MMBtu
Spot	Eco Energy Nat Gas	5/19/2024	5/19/2024	Buy	10000	MMBtu
Spot	TENASKA MARKETING VE	5/20/2024	5/20/2024	Buy	20000	MMBtu
Spot	TENASKA MARKETING VE	5/20/2024	5/20/2024	Buy	15000	MMBtu
Spot	TENASKA MARKETING VE	5/21/2024	5/21/2024	Buy	20000	MMBtu
Spot	Vitol Inc.	5/22/2024	5/22/2024	Buy	10000	MMBtu
Spot	Vitol Inc.	5/23/2024	5/23/2024	Buy	15000	MMBtu
Spot	Eco Energy Nat Gas	5/23/2024	5/23/2024	Buy	10000	MMBtu
Spot	TENASKA MARKETING VE	5/23/2024	5/23/2024	Buy	15000	MMBtu
Spot	Vitol Inc.	5/24/2024	5/24/2024	Buy	10000	MMBtu
Spot	TENASKA MARKETING VE	5/24/2024	5/24/2024	Buy	10000	MMBtu
Spot	TENASKA MARKETING VE	5/25/2024	5/25/2024	Buy	10000	MMBtu
Spot	TENASKA MARKETING VE	5/28/2024	5/28/2024	Buy	6000	MMBtu
Spot	Vitol Inc.	5/29/2024	5/29/2024	Buy	15000	MMBtu
Spot	TENASKA MARKETING VE	5/30/2024	5/30/2024	Buy	15000	MMBtu
Spot	Eco Energy Nat Gas	5/31/2024	5/31/2024	Buy	15000	MMBtu

Duke Energy Kentucky - Physical Natural Gas Purchases
May 1, 2024 - October 31, 2024

Spot/Contract	Counterpart	Start Date	End Date	Buy/Sell	Qty	Qty UOM
Spot	Vitol Inc.	6/3/2024	6/3/2024	Buy	25000	MMBtu
Spot	Vitol Inc.	6/4/2024	6/4/2024	Buy	50000	MMBtu
Spot	TENASKA MARKETING VE	6/4/2024	6/4/2024	Buy	10000	MMBtu
Spot	Vitol Inc.	6/5/2024	6/5/2024	Buy	15000	MMBtu
Spot	Vitol Inc.	6/6/2024	6/6/2024	Buy	20000	MMBtu
Spot	Vitol Inc.	6/7/2024	6/7/2024	Buy	15000	MMBtu
Spot	Vitol Inc.	6/10/2024	6/10/2024	Buy	15000	MMBtu
Spot	TENASKA MARKETING VE	6/11/2024	6/11/2024	Buy	20000	MMBtu
Spot	Eco Energy Nat Gas	6/12/2024	6/12/2024	Buy	20000	MMBtu
Spot	Vitol Inc.	6/13/2024	6/13/2024	Buy	20000	MMBtu
Spot	Vitol Inc.	6/17/2024	6/17/2024	Buy	20000	MMBtu
Spot	Vitol Inc.	6/18/2024	6/18/2024	Buy	20000	MMBtu
Spot	TENASKA MARKETING VE	6/18/2024	6/18/2024	Buy	22000	MMBtu
Spot	Eco Energy Nat Gas	6/18/2024	6/18/2024	Buy	15000	MMBtu
Spot	Vitol Inc.	6/19/2024	6/19/2024	Buy	20000	MMBtu
Spot	TENASKA MARKETING VE	6/19/2024	6/19/2024	Buy	30000	MMBtu
Spot	Vitol Inc.	6/20/2024	6/20/2024	Buy	30000	MMBtu
Spot	Eco Energy Nat Gas	6/20/2024	6/20/2024	Buy	15000	MMBtu
Spot	TENASKA MARKETING VE	6/20/2024	6/20/2024	Buy	15000	MMBtu
Spot	TENASKA MARKETING VE	6/21/2024	6/21/2024	Buy	30000	MMBtu
Spot	TENASKA MARKETING VE	6/22/2024	6/22/2024	Buy	12000	MMBtu
Spot	Vitol Inc.	6/23/2024	6/23/2024	Buy	12000	MMBtu
Spot	Vitol Inc.	6/24/2024	6/24/2024	Buy	12000	MMBtu
Spot	Vitol Inc.	6/25/2024	6/25/2024	Buy	12000	MMBtu
Spot	Eco Energy Nat Gas	7/3/2024	7/3/2024	Buy	5000	MMBtu
Spot	Vitol Inc.	7/3/2024	7/3/2024	Buy	10000	MMBtu
Spot	Vitol Inc.	7/3/2024	7/3/2024	Buy	10000	MMBtu
Spot	Vitol Inc.	7/8/2024	7/8/2024	Buy	20000	MMBtu
Spot	Vitol Inc.	7/8/2024	7/8/2024	Buy	20000	MMBtu
Spot	Vitol Inc.	7/9/2024	7/9/2024	Buy	20000	MMBtu
Spot	TENASKA MARKETING VE	7/11/2024	7/11/2024	Buy	20000	MMBtu
Spot	TENASKA MARKETING VE	7/12/2024	7/12/2024	Buy	20000	MMBtu
Spot	Eco Energy Nat Gas	7/13/2024	7/13/2024	Buy	10000	MMBtu
Spot	TENASKA MARKETING VE	7/13/2024	7/13/2024	Buy	10000	MMBtu
Spot	TENASKA MARKETING VE	7/14/2024	7/14/2024	Buy	40000	MMBtu
Spot	TENASKA MARKETING VE	7/15/2024	7/15/2024	Buy	60000	MMBtu
Spot	Vitol Inc.	7/16/2024	7/16/2024	Buy	40000	MMBtu
Spot	Vitol Inc.	7/16/2024	7/16/2024	Buy	15000	MMBtu
Spot	Vitol Inc.	7/17/2024	7/17/2024	Buy	55000	MMBtu
Spot	Vitol Inc.	7/22/2024	7/22/2024	Buy	10000	MMBtu
Spot	TENASKA MARKETING VE	7/22/2024	7/22/2024	Buy	10000	MMBtu
Spot	Vitol Inc.	7/23/2024	7/23/2024	Buy	5000	MMBtu
Spot	TENASKA MARKETING VE	7/23/2024	7/23/2024	Buy	5000	MMBtu
Spot	Vitol Inc.	7/23/2024	7/23/2024	Buy	20000	MMBtu
Spot	Vitol Inc.	7/24/2024	7/24/2024	Buy	10000	MMBtu
Spot	Eco Energy Nat Gas	7/24/2024	7/24/2024	Buy	15000	MMBtu
Spot	Eco Energy Nat Gas	7/29/2024	7/29/2024	Buy	20000	MMBtu
Spot	Vitol Inc.	7/29/2024	7/29/2024	Buy	6000	MMBtu
Spot	Eco Energy Nat Gas	7/30/2024	7/30/2024	Buy	20000	MMBtu
Spot	TENASKA MARKETING VE	7/30/2024	7/30/2024	Buy	30000	MMBtu
Spot	Vitol Inc.	7/31/2024	7/31/2024	Buy	30000	MMBtu
Spot	Eco Energy Nat Gas	7/31/2024	7/31/2024	Buy	10000	MMBtu
Spot	TENASKA MARKETING VE	7/31/2024	7/31/2024	Buy	10000	MMBtu
Spot	Vitol Inc.	8/1/2024	8/1/2024	Buy	25000	MMBtu
Spot	TENASKA MARKETING VE	8/1/2024	8/1/2024	Buy	25000	MMBtu

Duke Energy Kentucky - Physical Natural Gas Purchases
May 1, 2024 - October 31, 2024

Spot/Contract	Counterpart	Start Date	End Date	Buy/Sell	Qty	Qty UOM
Spot	Vitol Inc.	8/2/2024	8/2/2024	Buy	30000	MMBtu
Spot	Eco Energy Nat Gas	8/2/2024	8/2/2024	Buy	10000	MMBtu
Spot	TENASKA MARKETING VE	8/2/2024	8/2/2024	Buy	10000	MMBtu
Spot	Eco Energy Nat Gas	8/3/2024	8/3/2024	Buy	20000	MMBtu
Spot	Eco Energy Nat Gas	8/4/2024	8/4/2024	Buy	30000	MMBtu
Spot	TENASKA MARKETING VE	8/5/2024	8/5/2024	Buy	30000	MMBtu
Spot	Eco Energy Nat Gas	8/5/2024	8/5/2024	Buy	20000	MMBtu
Spot	Vitol Inc.	8/6/2024	8/6/2024	Buy	30000	MMBtu
Spot	Vitol Inc.	8/6/2024	8/6/2024	Buy	20000	MMBtu
Spot	Eco Energy Nat Gas	8/13/2024	8/13/2024	Buy	10000	MMBtu
Spot	Vitol Inc.	8/14/2024	8/14/2024	Buy	24000	MMBtu
Spot	Vitol Inc.	8/15/2024	8/15/2024	Buy	20000	MMBtu
Spot	Vitol Inc.	8/26/2024	8/26/2024	Buy	30000	MMBtu

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-007

REQUEST:

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:

For the purposes of this response, “a natural gas generating unit” is defined as the Company’s Woodsdale Generating Station (Woodsdale), which is a six-unit natural gas-fired combustion turbine (CT) facility with fuel oil back-up located in Trenton, Ohio. For the last six months of the period under review, there were four instances in which the Company’s Woodsdale Generation Station could not be operated on natural gas when it otherwise would have been available to run due to pipeline constraints or natural gas being unavailable:

- On August 25, 2024, the Woodsdale units were removed from service and unavailable on natural gas for 1 hour and 36 minutes due to a meter issue.
- On September 9, 2024, Woodsdale Units 2, 3 and 5 were removed from service and were unavailable on natural gas for approximately 3 hours.
- On September 12, 2024, scheduled maintenance on the gas regulating station was performed by Enbridge, impacting Woodsdale Units 1-3.
- On September 26, 2024, scheduled maintenance on the gas regulating station was performed by Enbridge, impacting Woodsdale Units 5-6.

However, due to Woodsdale station's dual fuel capability, the station was not prevented from operating because the units were available to be dispatched on oil during both instances. Finally, there were occasional TETCO issued Operational Flow Orders (OFO) that resulted in the necessity to utilize Woodsdale station's dual fuel offer capability, which allows the units to be offered and available to run on oil when there is an interruption or constraint in gas supply.

PERSON RESPONSIBLE: John D. Swez

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-008

REQUEST:

For the last six months of the period under review, state whether there have been any changes to hedging activities for coal or natural gas purchases used for generation since the previous Fuel Adjustment Clause (FAC) review proceeding. If so, describe the changes in detail.

RESPONSE:

Coal

Duke Energy Kentucky did not engage in financial hedging transactions with respect to coal purchases. Duke Energy Kentucky contracts for physical deliveries of coal through fixed term coal transactions within a balanced portfolio of purchases. The Company also maintains a portfolio with multiple suppliers to mitigate potential supply interruption risk.

Natural Gas:

Duke Energy Kentucky did not engage in any financial hedging activity for natural gas purchases used for generation.

PERSON RESPONSIBLE: Kimberly Hughes
 James “Jim” J. McClay, III

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-009

REQUEST:

a. State whether Duke Kentucky 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 Duke Kentucky took as a result of the audit.

RESPONSE:

Coal

Duke Energy Kentucky has not audited any of its coal or coal transportation contracts during the period of May 1, 2024 through October 31, 2024.

Natural Gas, Natural Gas Transportation, and Fuel Oil

Duke Energy Kentucky has not audited any of its fuel or transportation contracts during the period of May 1, 2024 through October 31, 2024.

PERSON RESPONSIBLE:

Kimberly Hughes
James “Jim” J. McClay, III

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-010

REQUEST:

- a. State whether Duke Kentucky 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 Duke Kentucky;
 - (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:

- a. Duke Energy Kentucky is not currently involved in any litigation with its current or former fuel suppliers or transportation vendors.
- b. N/A
- c. N/A

PERSON RESPONSIBLE: Kimberly Hughes
James "Jim" J. McClay, III

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

CONFIDENTIAL STAFF-DR-01-011
(As to Attachments only)

REQUEST:

a. For the last six months of the period under review, state whether there have been any changes to Duke Kentucky'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 Duke Kentucky'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:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachments only)

Coal, Natural Gas, and Fuel Oil

a. There have been no changes to Duke Energy Kentucky's written policies and procedures regarding its fuel procurement in the last six months of the period under review. However, there were changes to the Regulated Utilities Risk Management Control Manual prior to this period, as described in part b. Please see STAFF-DR-01-011

Confidential Attachment 1 for a summary of the changes to the Control Manual. The changes were primarily regarding trade compliance.

b. The “**Regulated Utilities Risk Management Control Manual**” was updated on April 23, 2024 and approved on May 10, 2024. Please see STAFF-DR-01-011 Confidential Attachment 2. Portions pertaining exclusively to other jurisdictions have been redacted.

The “**Regulated Risk Limits Manual**” was not updated in the last six months of the period under review; it was last updated on June 1, 2023. The “Regulated Risk Limits Manual” document was submitted with the Company’s responses to Staff’s First Request for Information in Case No. 2024-00148.

Coal

a. The procedures in response to (c) below remained unchanged during the period under review.

b. N/A.

c. There were no changes to the **Coal and Reagents Procedure**. The Coal and Reagents Procedure was updated on March 1, 2021. This document was submitted with the Company’s responses to Commission Staff’s First Request for Information in Case No. 2021-00296.

Natural Gas & Fuel Oil

a. The procedures in response to (c) below remained unchanged during the period under review.

b. N/A.

c. The Fuels and System Optimization (FSO) DEK Emissions Trading Process

& Procedure Check List,” and the “Fuel Oil Emergency Procedure” were updated in May 2015, and June 2015, respectively. These two documents were submitted with the Company’s responses to Commission Staff’s First Request for Information in Case No. 2017-00005. The “DEI and DEK Gas Trading Procedure for Off-Premise Transactions” was updated in June 2019 and it was submitted with the Company’s responses to Commission Staff’s First Request for Information in Case No. 2020-00008.

PERSON RESPONSIBLE: Kimberly Hughes
James “Jim” J. McClay, III

CONFIDENTIAL PROPRIETARY TRADE SECRET

CONFIDENTIAL ATTACHMENT
STAFF-DR-01-011 Attachment 1

FILED UNDER SEAL

CONFIDENTIAL PROPRIETARY TRADE SECRET

**CONFIDENTIAL ATTACHMENT
STAFF-DR-01-011 Attachment 2**

FILED UNDER SEAL

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-012

REQUEST:

For the last six months of the period under review and for the years 2023 and 2024, list all firm power commitments for Duke Kentucky 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, etc.).

RESPONSE:

Duke Energy Kentucky had no firm power commitments during this period.

PERSON RESPONSIBLE: John D. Swez

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-013

REQUEST:

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

RESPONSE:

Please see STAFF-DR-01-013 Attachment.

PERSON RESPONSIBLE: Libbie S. Miller

DUKE ENERGY KENTUCKY
SUMMARY OF SALES

Supplier/Buyer		Transaction Type	kWh	Charges (\$)			
				Demand	Fuel	Other	Total
Month Ended May 31, 2024							
PJM Interconnection, LLC		Economy Sales	1,696,400	0	79,693	(29,623)	50,070
	Total Sales		1,696,400	0	79,693	(29,623)	50,070
Month Ended June 30, 2024							
PJM Interconnection, LLC		Economy Sales	10,478,190	0	364,035	155,307	519,342
	Total Sales		10,478,190	0	364,035	155,307	519,342
Month Ended July 31, 2024							
PJM Interconnection, LLC		Economy Sales	27,965,880	0	934,122	486,259	1,420,381
	Total Sales		27,965,880	0	934,122	486,259	1,420,381
Month Ended August 31, 2024							
PJM Interconnection, LLC		Economy Sales	13,663,960	0	465,707	324,420	790,127
	Total Sales		13,663,960	0	465,707	324,420	790,127
Month Ended September 30, 2024							
PJM Interconnection, LLC		Economy Sales	1,411,820 ^(a)	0	50,918	(23,204)	27,714
	Total Sales		1,411,820	0	50,918	(23,204)	27,714
Month Ended October 31, 2024							
PJM Interconnection, LLC		Economy Sales	0 ^(a)	0	113,065 ^(b)	(113,065)	0
	Total Sales		0	0	113,065	(113,065)	0

Notes:

^(a) East Bend was on a planned maintenance outage from early September and into the entire month of October 2024

^(b) Accounting adjustment due to the East Bed annual coal pile survey

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-014

REQUEST:

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:

Please see STAFF-DR-01-014 Attachment.

PERSON RESPONSIBLE: John D. Swez

DEK FAC 2025-00342
PSC DR 1.14
Review Period: 11/1/2022 - 10/31/2024
Requested Data Period: 5/1/2024 - 10/31/2024 (Last six months of review period)

Unit	Event Type	Schedule Hours	Forced Hours	Actual Hours	Event Duration Hours	Event Start	Event End	Event Description
East Bend Steam-2	MO	21.8	0	21.8	21.8	5/6/2024 10:34:00 PM	5/7/2024 8:20:00 PM	Tuning
East Bend Steam-2	MO	276.8	0	276.8	276.8	5/11/2024 4:42:00 AM	5/22/2024 5:32:00 PM	Induced Draft (ID) Booster Fan (BF) Variable Inlet Vane (VIV) Repair
East Bend Steam-2	MO	4.1	0	4.1	4.1	5/22/2024 6:32:00 PM	5/22/2024 10:36:00 PM	Tuning
East Bend Steam-2	MO	19.2	0	19.2	19.2	5/22/2024 11:10:00 PM	5/23/2024 6:20:00 PM	Tuning
East Bend Steam-2	PO	1439.8	0	1439.8	1439.8	9/6/2024 4:30:00 PM	11/5/2024 4:17:00 PM	2024 Fall Outage - Flue Gas Desulfurization (FGD) Ductwork replacement - Coal Barge Unloader (CBU) Buckets - Soot Blowing Air Compressor (SBAC) Overhaul
Woodsdale CT-1	PO	2006.7	0	2006.7	2006.7	3/1/2024 5:01:00 AM	5/23/2024 7:41:00 PM	Turbine blade replacement, rows 1-4
Woodsdale CT-1	U1	0	256	255.9	255.9	7/17/2024 1:46:00 AM	7/27/2024 5:37:00 PM	Instrumentation issues found during shutdown of unit
Woodsdale CT-1	U1	0	151.2	151.2	151.2	8/9/2024 1:56:00 PM	8/15/2024 9:09:00 PM	Out of service (OSS) until overheating issue can be resolved, no Estimated Time of Arrival (ETA)
Woodsdale CT-1	PO	120.0	0	120.0	120.0	8/19/2024 4:01:00 AM	8/24/2024 3:59:00 AM	Control room consolidation
Woodsdale CT-1	U1	0	0.7	0.7	0.7	8/25/2024 4:38:00 PM	8/25/2024 5:22:00 PM	Remote start. Gas supply failure.
Woodsdale CT-1	PO	16.0	0	16.0	16.0	9/12/2024 4:01:00 AM	9/12/2024 8:00:00 PM	Enbridge working on their regulating station.
Woodsdale CT-1	PO	349.8	0	349.8	349.8	9/14/2024 4:01:00 AM	9/28/2024 5:50:00 PM	Fall Outage
Woodsdale CT-1	MO	53.8	0	53.8	53.8	10/31/2024 4:01:00 AM	11/2/2024 9:46:00 AM	Unit out of service for fuel oil wiring troubleshooting and repair.
Woodsdale CT-2	U1	0	19.8	19.8	19.8	5/12/2024 8:21:00 PM	5/13/2024 4:11:00 PM	Generator close relay not picking up, cycled contacts, successful test run @ 1211
Woodsdale CT-2	SF	0	5.8	5.8	5.8	5/19/2024 5:15:00 PM	5/19/2024 11:04:00 PM	Static Frequency Converter (SFC) fail to start
Woodsdale CT-2	PO	120.0	0	120.0	120.0	8/19/2024 4:01:00 AM	8/24/2024 3:59:00 AM	Control room consolidation
Woodsdale CT-2	U1	0	0.6	0.6	0.6	8/25/2024 4:47:00 PM	8/25/2024 5:22:00 PM	Remote start. Gas supply failure.
Woodsdale CT-2	PO	16.0	0	16.0	16.0	9/12/2024 4:01:00 AM	9/12/2024 8:00:00 PM	Enbridge working on their regulating station.
Woodsdale CT-2	PO	349.8	0	349.8	349.8	9/14/2024 4:01:00 AM	9/28/2024 5:51:00 PM	Fall Outage
Woodsdale CT-2	U1	0	1.7	1.7	1.7	10/4/2024 9:51:00 AM	10/4/2024 11:31:00 AM	Tightened connections
Woodsdale CT-2	U1	0	0.6	0.6	0.6	10/11/2024 7:58:00 PM	10/11/2024 8:36:00 PM	Had to reset Automatic Voltage Regulator (AVR)
Woodsdale CT-2	MO	49	0	49.0	49.0	10/31/2024 4:01:00 AM	11/2/2024 5:01:00 AM	Unit out of service for fuel oil wiring troubleshooting and repair.
Woodsdale CT-3	PO	323.3	0	323.3	323.3	4/27/2024 4:01:00 AM	5/10/2024 3:18:00 PM	Spring outage/Borescope
Woodsdale CT-3	PO	120.0	0	120.0	120.0	8/19/2024 4:01:00 AM	8/24/2024 3:59:00 AM	Control room consolidation
Woodsdale CT-3	U1	0	0.7	0.7	0.7	8/25/2024 4:38:00 PM	8/25/2024 5:22:00 PM	Remote start. Gas supply failure.
Woodsdale CT-3	PO	16.0	0	16.0	16.0	9/12/2024 4:01:00 AM	9/12/2024 8:00:00 PM	Enbridge working on their regulating station.
Woodsdale CT-3	PO	342.7	0	342.7	342.7	9/21/2024 4:01:00 AM	10/5/2024 10:40:00 AM	Fall Outage
Woodsdale CT-3	U1	0	98.6	98.6	98.6	10/13/2024 11:29:00 AM	10/17/2024 2:03:00 PM	Cooling pump breakers tripped. Test ran pumps all good, made alarm changes, test ran unit
Woodsdale CT-3	MO	53.8	0	53.8	53.8	10/31/2024 4:01:00 AM	11/2/2024 9:46:00 AM	Unit out of service for fuel oil wiring troubleshooting and repair.
Woodsdale CT-4	PO	305.2	0	305.2	305.2	4/27/2024 4:01:00 AM	5/9/2024 9:10:00 PM	Spring outage/Borescope
Woodsdale CT-4	U1	0	2.6	2.6	2.6	6/19/2024 6:07:00 PM	6/19/2024 8:43:00 PM	Remove unit due to blow off valves not closing, stroked slide valves
Woodsdale CT-4	U1	0	0.1	0.1	0.1	8/3/2024 8:34:00 PM	8/3/2024 8:40:00 PM	Remote start. Unit auto tripped due to no water injection.
Woodsdale CT-4	U1	0	0.2	0.2	0.2	8/6/2024 3:53:00 PM	8/6/2024 4:03:00 PM	Versa valve didn't open. No water injection and blow-offs didn't close.
Woodsdale CT-4	PO	120.0	0	120.0	120.0	8/19/2024 4:01:00 AM	8/24/2024 3:59:00 AM	Control room consolidation
Woodsdale CT-4	U1	0	0.5	0.5	0.5	8/25/2024 4:51:00 PM	8/25/2024 5:22:00 PM	Remote start. Gas supply failure.
Woodsdale CT-4	PO	1789.9	0	1789.9	1789.9	9/7/2024 4:01:00 AM	11/20/2024 5:56:00 PM	Unit Major (overhaul)
Woodsdale CT-5	U1	0	16.3	16.3	16.3	5/9/2024 8:45:00 PM	5/10/2024 1:02:00 PM	Trouble shot Automatic Voltage Regulator (AVR), nothing found, retested, successful start @ 0907
Woodsdale CT-5	U1	0	2.7	2.7	2.7	6/12/2024 7:27:00 PM	6/12/2024 10:09:00 PM	Data reviewed, decided to keep unit above 50MWs to prevent thrust probe from coming in.
Woodsdale CT-5	U1	0	0.5	0.5	0.5	6/29/2024 7:28:00 PM	6/29/2024 7:56:00 PM	Unit was remote started, tripped on thrust, dispatch could not move unit off of 5MW's
Woodsdale CT-5	U1	0	0.2	0.2	0.2	7/8/2024 4:09:00 PM	7/8/2024 4:19:00 PM	Blow off valves did not close, stroked, test ran, dispatch kept unit on
Woodsdale CT-5	PO	120.0	0	120.0	120.0	8/19/2024 4:01:00 AM	8/24/2024 3:59:00 AM	Control room consolidation
Woodsdale CT-5	U1	0	0.6	0.6	0.6	8/25/2024 4:48:00 PM	8/25/2024 5:22:00 PM	Remote start. Gas supply failure.
Woodsdale CT-5	PO	16.0	0	16.0	16.0	9/26/2024 4:01:00 AM	9/26/2024 8:00:00 PM	Enbridge working on their regulating station.
Woodsdale CT-5	PO	341.4	0	341.4	341.4	9/28/2024 4:01:00 AM	10/12/2024 9:24:00 AM	Fall Outage
Woodsdale CT-5	U1	0	9.9	9.9	9.9	10/12/2024 9:41:00 AM	10/12/2024 7:32:00 PM	Dispatch did not raise unit load above 50MWs in time.
Woodsdale CT-5	MO	53.8	0	53.8	53.8	10/31/2024 4:01:00 AM	11/2/2024 9:47:00 AM	Unit out of service for fuel oil wiring troubleshooting and repair.
Woodsdale CT-6	PO	558.1	0	558.1	558.1	5/11/2024 10:00:00 AM	6/3/2024 4:06:00 PM	Spring outage/Borescope
Woodsdale CT-6	U1	0	0.6	0.6	0.6	7/15/2024 6:04:00 PM	7/15/2024 6:37:00 PM	Unit tripped due to breaker opening up, reset and brought unit back online

DEK FAC 2025-00342

PSC DR 1.14

Review Period: 11/1/2022 - 10/31/2024

Requested Data Period: 5/1/2024 - 10/31/2024 (Last six months of review period)

Unit	Event Type	Schedule Hours	Forced Hours	Actual Hours	Event Duration Hours	Event Start	Event End	Event Description
Woodsdale CT-6	PO	120.0	0	120.0	120.0	8/19/2024 4:01:00 AM	8/24/2024 3:59:00 AM	Control room consolidation
Woodsdale CT-6	U1	0	0.5	0.5	0.5	8/25/2024 4:51:00 PM	8/25/2024 5:22:00 PM	Remote start. Gas supply failure.
Woodsdale CT-6	PO	16.0	0	16.0	16.0	9/26/2024 4:01:00 AM	9/26/2024 8:00:00 PM	Enbridge working on their regulating station.
Woodsdale CT-6	PO	497.5	0	497.5	497.5	9/28/2024 4:01:00 AM	10/18/2024 9:31:00 PM	Fall Outage
Woodsdale CT-6	MO	53.8	0	53.8	53.8	10/31/2024 4:01:00 AM	11/2/2024 9:49:00 AM	Unit out of service for fuel oil wiring troubleshooting and repair.

Event Type Legend:

PO Planned Outage

PE Planned Outage Extension

MO Maintenance Outage

ME Maintenance Outage Extension

U1 Unplanned (Forced) Outage – Immediate

U2 Unplanned (Forced) Outage – Delayed

U3 Unplanned (Forced) Outage – Postponed

SF Startup Failure

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-015

REQUEST:

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

RESPONSE:

East Bend

<u>Month</u>	<u>Net MWH</u>	<u>Period Hours</u>	<u>MW Rating</u>	<u>MW Hours</u>	<u>Net Capacity Factor</u>
May-24	89,974	744	600	446,400	20.16%
June-24	284,083	720	600	432,000	65.76%
July-24	306,948	744	600	446,400	68.76%
August-24	294,642	744	600	446,400	66.00%
September-24	47,208	720	600	432,000	10.93%
October-24	<u>(4,396)</u>	<u>744</u>	<u>600</u>	<u>446,400</u>	<u>-0.98%</u>
Total	1,018,459	4,416	600	2,649,600	38.44%

**Total Period -
Woodsdale**

<u>Woodsdale Station</u>	<u>Net MWH</u>	<u>Period Hours</u>	<u>MW Rating</u>	<u>MW Hours</u>	<u>Net Capacity Factor</u>
Unit 1	33,286	4,416	80.67	356,352	9.34%
Unit 2	43,214	4,416	82.00	362,208	11.93%
Unit 3	41,209	4,416	82.00	362,208	11.38%
Unit 4	24,101	4,416	80.67	356,352	6.76%
Unit 5	54,188	4,416	82.00	362,208	14.96%
Unit 6	<u>38,617</u>	<u>4,416</u>	<u>82.00</u>	<u>362,208</u>	<u>10.66%</u>
Total	234,615	26,496	81.56	2,161,536	10.85%

May-24

Woodsdale <u>Station</u>	Net <u>MWH</u>	Period <u>Hours</u>	MW <u>Rating</u>	MW <u>Hours</u>	Net Capacity <u>Factor</u>
Unit 1	1,192	744	86	63,984	1.86%
Unit 2	8,953	744	86	63,984	13.99%
Unit 3	6,316	744	86	63,984	9.87%
Unit 4	5,855	744	86	63,984	9.15%
Unit 5	6,007	744	86	63,984	9.39%
Unit 6	5,539	744	86	63,984	8.66%
Total	33,862	4,464	86	383,904	8.82%

Jun-24

Woodsdale <u>Station</u>	Net <u>MWH</u>	Period <u>Hours</u>	MW <u>Rating</u>	MW <u>Hours</u>	Net Capacity <u>Factor</u>
Unit 1	3,768	720	78	56,160	6.71%
Unit 2	3,767	720	80	57,600	6.54%
Unit 3	3,516	720	80	57,600	6.10%
Unit 4	3,205	720	78	56,160	5.71%
Unit 5	4,086	720	80	57,600	7.09%
Unit 6	4,244	720	80	57,600	7.37%
Total	22,586	4,320	79	342,720	6.59%

Jul-24

Woodsdale <u>Station</u>	Net <u>MWH</u>	Period <u>Hours</u>	MW <u>Rating</u>	MW <u>Hours</u>	Net Capacity <u>Factor</u>
Unit 1	6,782	744	78	58,032	11.69%
Unit 2	9,024	744	80	59,520	15.16%
Unit 3	9,120	744	80	59,520	15.32%
Unit 4	8,568	744	78	58,032	14.76%
Unit 5	9,171	744	80	59,520	15.41%
Unit 6	8,977	744	80	59,520	15.08%
Total	51,642	4,464	79	354,144	14.58%

Aug-24

Woodsdale <u>Station</u>	Net <u>MWH</u>	Period <u>Hours</u>	MW <u>Rating</u>	MW <u>Hours</u>	Net Capacity <u>Factor</u>
Unit 1	5,726	744	78	58,032	9.87%
Unit 2	6,270	744	80	59,520	10.53%
Unit 3	6,690	744	80	59,520	11.24%
Unit 4	5,551	744	78	58,032	9.57%
Unit 5	6,957	744	80	59,520	11.69%
Unit 6	6,713	744	80	59,520	11.28%
Total	37,907	4,464	79	354,144	10.70%

Sep-24

Woodsdale <u>Station</u>	Net <u>MWH</u>	Period <u>Hours</u>	MW <u>Rating</u>	MW <u>Hours</u>	Net Capacity <u>Factor</u>
Unit 1	2,208	720	78	56,160	3.93%
Unit 2	2,115	720	80	57,600	3.67%
Unit 3	5,671	720	80	57,600	9.85%
Unit 4	982	720	78	56,160	1.75%
Unit 5	11,315	720	80	57,600	19.64%
Unit 6	8,281	720	80	57,600	14.38%
Total	30,572	4,320	79	342,720	8.92%

Oct-24

Woodsdale <u>Station</u>	Net <u>MWH</u>	Period <u>Hours</u>	MW <u>Rating</u>	MW <u>Hours</u>	Net Capacity <u>Factor</u>
Unit 1	13,610	744	86	63,984	21.27%
Unit 2	13,085	744	86	63,984	20.45%
Unit 3	9,896	744	86	63,984	15.47%
Unit 4	(60)	744	86	63,984	-0.09%
Unit 5	16,652	744	86	63,984	26.03%
Unit 6	4,863	744	86	63,984	7.60%
Total	58,046	4,464	86	383,904	15.12%

PERSON RESPONSIBLE:John D. Swez
Libbie S. Miller

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-016

REQUEST:

a. For the last six months of the period under review, explain whether Duke Kentucky made any changes to its maintenance and operation practices or completed any specific generation efficiency improvements that affect fuel usage at Duke Kentucky's generation facilities.

b. Describe the impact of these changes on Duke Kentucky's fuel usage.

RESPONSE:

During the period under review, there have been no changes to maintenance and operation practices or completions of any specific generation efficiency improvements that affect fuel usage at Duke Energy Kentucky's generation facilities.

PERSON RESPONSIBLE: John D. Swez

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

**CONFIDENTIAL STAFF-DR-01-017
(As to Attachment only)**

REQUEST:

For the last six months of the period under review provide the hour by hour availability of each generating unit availability, how the unit had been bid into the day ahead market, whether the unit was operating, and if operating the minimum (economic or operational) and maximum capacity of the unit.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment only)

Please see STAFF-DR-01-017 Confidential Attachment which shows the hourly availability (Day-Ahead commitment offer status) of each generating unit, whether the unit was in operation by hour, and the hourly emergency minimum, economic minimum, emergency maximum, and economic maximum offer (capability) of each unit. Note that the Day-Ahead Commitment Offer Status and economic and emergency minimums and maximums represent the Day-Ahead offer of the unit and any Real-Time Market updates are not included, since the Real-Time offers are directly updated in the PJM system.

PERSON RESPONSIBLE: John D. Swez

CONFIDENTIAL PROPRIETARY TRADE SECRET

CONFIDENTIAL ATTACHMENT

STAFF-DR-01-017

FILED UNDER SEAL

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-018

REQUEST:

State whether Duke Kentucky 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:

Duke Energy Kentucky is not aware of any violations of its policies and procedures regarding fuel procurement that occurred prior to or during the period under review.

PERSON RESPONSIBLE: Kimberly Hughes
James “Jim” J. McClay, III

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-019

REQUEST:

State whether Duke Kentucky 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:

Duke Energy Kentucky is not aware of any instances where it may have violated 807 KAR 5:056 during the period under review.

PERSON RESPONSIBLE: Libbie S. Miller

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-020

REQUEST:

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. Duke Energy Kentucky did not have any intersystem sales during the review period.
- b. N/A

PERSON RESPONSIBLE:

John D. Swez
Libbie S. Miller

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-021

REQUEST:

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:

Coal

All contracts for coal and coal transportation have been filed with the Commission.

Natural Gas:

All contracts for natural gas and natural gas transportation have been filed with the Commission.

Fuel Oil

All contracts for fuel oil and fuel oil transportation have been filed with the Commission.

PERSON RESPONSIBLE: Kimberly Hughes
James "Jim" J. McClay, III

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-022

REQUEST:

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

RESPONSE:

Barge transportation is the single method of coal delivery to Duke Energy Kentucky's East Bend Generating Station, which is the only coal-fired generating station in the Duke Energy Kentucky Fleet.

PERSON RESPONSIBLE: Kimberly Hughes

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-023

REQUEST:

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) Duke Kentucky believes the current base period fuel costs should remain unchanged.

RESPONSE:

August 2023 was selected to be the base period because the resulting fuel rate for this period was near both the average and median actual fuel rates for the 24 months of the audit review period. The fuel rate for August 2023 is \$0.035797/kWh based on final reported fuel costs. The cost per kWh during the proposed base month of August 2023 is calculated as follows:

<u>Fuel (b) (August 2023)</u>	<u>\$13,903,896</u>	
Sales (b) (August 2023)	388,410,563	= \$0.035797

PERSON RESPONSIBLE: Libbie S. Miller

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-024

REQUEST:

Provide a calculation of the fossil fuel costs F(b) that Duke Kentucky 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 Duke Kentucky.

RESPONSE:

As stated in response to STAFF-DR-01-023, Duke Energy Kentucky proposes a base fuel cost F(b) of \$13,903,896. Please see STAFF-DR-01-024 Attachment for the August 2023 final fuel cost schedule, which shows the components of F(b) as defined by 807 KAR 5:056.

PERSON RESPONSIBLE: Libbie S. Miller

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: August 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+) \$	9,803,648.31
Oil Burned	(+)	326,575.81
Gas Burned	(+)	600,000.00
Net Fuel Related RTO Billing Line Items	(-)	157,380.27
Fuel (assigned cost during Forced Outage(a))	(+)	38,453.02
Fuel (substitute cost during Forced Outage(a))	(-)	5,408.20
Sub-Total		<u>\$ 10,605,888.67</u>
B. Purchases		
Economy Purchases	(+) \$	3,732,512.03
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage(a))	(-)	33,044.82
Less purchases above highest cost units	(-)	
Sub-Total		<u>\$ 3,699,467.21</u>
C. Non-Native Sales Fuel Costs	(-) \$	401,459.41
D. Total Fuel Costs (A + B - C)		<u><u>\$ 13,903,896.47</u></u>

.....
Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-025

REQUEST:

Provide a schedule showing each component of sales as defined by 807 KAR 5:056 in the selected base period (b). Explain why Duke Kentucky believes that the sales in the selected base period (b) are representative of the level of kWh sales that Duke Kentucky 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:

Please see STAFF-DR-01-025 Attachment for the Sales Schedule for August 2023, which shows the components of sales as defined by 807 KAR 5:056.

As stated in response to STAFF-DR-01-023, Duke Energy Kentucky proposes base sales (b) of 388,410,563 kWh sales.

a. Please see STAFF-DR-01-025 Attachment, Section A, for the power purchases used in the calculation of sales.

b. Duke Energy Kentucky did not have any intersystem sales during the review period. Also stated in response to STAFF-DR-01-020.

PERSON RESPONSIBLE: Libbie S. Miller

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: August 2023

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	289,436,000
<u>Purchases Including Interchange-In</u>	(+)	<u>131,311,200</u>
Sub-Total		<u>420,747,200</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	14,460,000
<u>System Losses (406,287,200 KWH times 4.4% ^(a))</u>	(+)	<u>17,876,637</u>
Sub-Total		<u>32,336,637</u>
 C. Total Sales (A - B)		<u><u>388,410,563</u></u>

Note: ^(a) Average of prior 12 months.

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-026

REQUEST:

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

RESPONSE:

Current Base Rate	\$0.033780
Proposed Based Rate	<u>\$0.035797</u>
Increase in Base Rate	<u><u>\$0.002017</u></u>

PERSON RESPONSIBLE: Libbie S. Miller

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-027

REQUEST:

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

RESPONSE:

Please see STAFF-DR-01-027 Attachment for a schedule of the present and proposed rates.

PERSON RESPONSIBLE: Libbie S. Miller

DUKE ENERGY KENTUCKY

Sheet				Current	Proposed	Diff. in			Increase	Current	New
No.	Fixture	Lumens	Description	Base Fuel	Base Fuel	Base Fuel	Annual kWh	Per Mo.	Change per Mth.	Rate/Unit	Rate/Unit
69	Decorative MV	7,000	Town & Country	0.033780	0.035797	0.002017	853	71.08	0.1434	13.85	13.99
69	Decorative MV	7,000	Holophane	0.033780	0.035797	0.002017	874	72.83	0.1469	13.91	14.06
69	Decorative MV	7,000	Gas Replica	0.033780	0.035797	0.002017	874	72.83	0.1469	13.91	14.06
69	Decorative MV	7,000	Aspen	0.033780	0.035797	0.002017	874	72.83	0.1469	13.91	14.06
69	Decorative MH	14,000	Traditionaire	0.033780	0.035797	0.002017	853	71.08	0.1434	13.85	13.99
69	Decorative MH	14,000	Granville Acorn	0.033780	0.035797	0.002017	874	72.83	0.1469	13.91	14.06
69	Decorative MH	14,000	Gas Replica	0.033780	0.035797	0.002017	874	72.83	0.1469	13.91	14.06
69	Decorative SV	9,500	Town & Country	0.033780	0.035797	0.002017	487	40.58	0.0819	14.59	14.67
69	Decorative SV	9,500	Holophane	0.033780	0.035797	0.002017	532	44.33	0.0894	14.85	14.94
69	Decorative SV	9,500	Rectilinear	0.033780	0.035797	0.002017	487	40.58	0.0819	14.59	14.67
69	Decorative SV	9,500	Gas Replica	0.033780	0.035797	0.002017	532	44.33	0.0894	14.84	14.93
69	Decorative SV	9,500	Aspen	0.033780	0.035797	0.002017	532	44.33	0.0894	14.84	14.93
69	Decorative SV	9,500	Traditionaire	0.033780	0.035797	0.002017	487	40.58	0.0819	14.59	14.67
69	Decorative SV	9,500	Granville Acorn	0.033780	0.035797	0.002017	532	44.33	0.0894	14.84	14.93
69	Decorative SV	22,000	Rectilinear	0.033780	0.035797	0.002017	1023	85.25	0.1719	21.33	21.50
69	Decorative SV	50,000	Rectilinear	0.033780	0.035797	0.002017	1959	163.25	0.3293	28.90	29.23
69	Decorative SV	50,000	Setback	0.033780	0.035797	0.002017	1959	163.25	0.3293	28.90	29.23

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-028

REQUEST:

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

RESPONSE:

Please see STAFF-DR-01-028 Attachment for the redline tariffs.

PERSON RESPONSIBLE: Libbie S. Miller

Duke Energy Kentucky, Inc.
1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
Twenty-~~First~~Second Revised Sheet No. 30
Cancels and Supersedes
~~Twentieth~~Twenty-First Revised Sheet No. 30
Page 1 of 2

RATE RS

RESIDENTIAL SERVICE

APPLICABILITY

Applicable to electric service other than three phase service, for all domestic purposes in private residences, single occupancy apartments and separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where distribution lines are adjacent to the premises to be served.

Residences where not more than two rooms are used for rental purposes will also be included. Where all dwelling units in a multi-occupancy building are served through one meter and the common use area is metered separately, the kilowatt-hour rate will be applied on a "per residence" or "per apartment" basis, however, the customer charge will be based on the number of installed meters.

Where a portion of a residential service is used for purposes of a commercial or public character, Rate DS, Service At Distribution Voltage, is applicable to all service. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this Rate will be applied to the residential service, if the service qualifies hereunder.

TYPE OF SERVICE

Alternating current 60 Hz, single phase at Company's standard secondary voltage.

NET MONTHLY BILL

Computed in accordance with the following charges:

1. Base Rate
 - (a) Customer Charge \$14.75 per month
 - (b) Energy Charge
All kilowatt hours ~~\$0.1261040~~0.128121 per kWh (I)
2. Applicable Riders
The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge as shown above.

Duke Energy Kentucky, Inc.
1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
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LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable. Customers who receive a pledge for or notice of low income assistance from an authorized agency, or another public or charitable source, will not be assessed or required to pay a late payment charge for the current bill for which the pledge or notice is received. An authorized agency is an organization in Kentucky that administers federal Low-Income Home Energy Assistance Programs and/or the Home Energy Assistance Programs offered by Duke Energy Kentucky.

TERMS AND CONDITIONS

This rate is available upon application in accordance with the Company's Service Regulations.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

Duke Energy Kentucky, Inc.
1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Twentieth~~Twenty-First Revised Sheet No. 40
Cancels and Supersedes
~~Nineteenth~~Twentieth Revised Sheet No. 40
Page 1 of 4

RATE DS

SERVICE AT SECONDARY DISTRIBUTION VOLTAGE

APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at the standard secondary system voltage and the Company determines that facilities of adequate capacity are available adjacent to the premises to be served, and the customer's average monthly demand is determined by the Company to be less than 500 kilowatts. Electric service must be supplied at one point of delivery and is not applicable for resale service.

TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase at the Company's standard distribution voltage of 34,500 volts or lower.

NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, and all applicable riders, shall not exceed \$0.342232 per kilowatt-hour (kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Base Rate

(a) Customer Charge per month

Single Phase Service	\$ 15.00	per month
Three Phase Service	\$ 30.00	per month

(b) Demand Charge

First 15 kilowatts	\$ 0.00	per kW
Additional kilowatts	\$ 13.39	per kW

(c) Energy Charge

First 6,000 kWh	\$0.126995 <u>\$0.129012</u>	per kWh	(I)
Next 300 kWh/kW	\$0.085527 <u>\$0.087544</u>	per kWh	(I)
Additional kWh	\$0.062852 <u>\$0.064869</u>	per kWh	(I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 78, Rider DSMR, Demand Side Management Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge shown above.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~October 2, 2025~~, in Case No. 2025-~~00024~~00342

Issued: ~~December 5, 2025~~

Effective: ~~January 2, 2026~~

Issued by Amy B. Spiller, President /s/ Amy B. Spiller

Duke Energy Kentucky, Inc.
1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Twentieth~~Twenty-First Revised Sheet No. 40
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NET MONTHLY BILL (Contd.)

For customers receiving service under the provisions of former Rate C, Optional Rate for Churches, as of June 25, 1981, the maximum monthly rate per kilowatt-hour shall not exceed \$0.210102 per kilowatt-hour plus all applicable riders. (±)

When both single and three phase secondary voltage services are required by a customer, the monthly kilowatt-hour usage and kilowatt demands shall be the respective arithmetical sums of both services.

METERING

The Company may meter at secondary or primary voltage as circumstances warrant. If the Company elects to meter at primary voltage, the kilowatt-hours registered on the Company's meter will be reduced one and one-half percent (1.5%) for billing purposes.

DEMAND

The demand shall be the kilowatts derived from the Company's demand meter for the fifteen-minute period of customer's greatest use during the billing period, as determined by the Company, adjusted for power factor, as provided herein. At its option, the Company may not install a demand meter if the nature of the load clearly indicates the load will have a constant demand, in which case the demand will be the calculated demand.

In no event will the billing demand be taken as less than the higher of the following:

- a) 85% of the highest monthly kilowatt demand established in the summer period and effective for the next succeeding eleven (11) months; or
- b) One (1) kilowatt for single phase secondary voltage service and five (5) kilowatts for three phase secondary voltage service.

If a customer requests reconnection of an account within twelve (12) months of a disconnection order, the customer's demand record for the period of disconnection will be re-established for purposes of billing and administration of the preceding clause.

For purposes of administration of the above clause, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~October 2, 2025~~, in Case No. 2025-~~00024.00342~~

Issued: ~~December 5, 2025~~

Effective: ~~January 2, 2026~~

Issued by Amy B. Spiller, President /s/ Amy B. Spiller

Duke Energy Kentucky, Inc.
1262 Cox Road
Erlanger, Kentucky 41018

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POWER FACTOR ADJUSTMENT

The power factor to be maintained shall be not less than 90% lagging. If the Company determines customer's power factor to be less than 90%, the billing demand will be the number of kilowatts equal to the kilovolt amperes multiplied by 0.90.

At the Company's option, power factor may be determined by the following methods:

- a. Continuous measurement
 - the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or
- b. Testing
 - the power factor, as determined during a period in which the customer's measured kW demand is not less than 90% of the measured maximum kW demand of the preceding billing period, will be used for billing purposes until superseded by a power factor determined by a subsequent test made at the direction of Company or request of customer.

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of three (3) years terminable thereafter by a minimum notice of either the customer or the Company as prescribed by the Company's Service Regulations.

The Company is not obligated to extend, expand or rearrange its transmission system voltage if it determines that existing distribution and/or transmission facilities are of adequate capacity to serve the customer's load.

If the Company offers to provide the necessary facilities for transmission service, in accordance with its Service Regulations, an annual facilities charge, applicable to such additional facilities, is established at twenty (20) percent of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

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Issued: ~~December 5, 2025~~

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Duke Energy Kentucky, Inc.
1262 Cox Road
Erlanger, Kentucky 41018

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TERMS AND CONDITIONS (Contd.)

For purposes of administration of this rate, the Company will determine the customer's average monthly demand based upon the twelve months ending December of each year after the applicable term of service has been fulfilled by the customer. If the customer's monthly demand exceeds 500 kilowatts and the Company expects the customer's demand to remain in excess of 500 kilowatts, then the Company will notify the customer prior to May of the succeeding year that the provisions of Rate DT, Time-of-Day Rate for Distribution Service shall be applicable beginning with the June revenue month billing and shall continue until the term of service of that rate has been fulfilled. In the case where a customer's average demand is estimated by the Company to be significantly less than 500 kilowatts, the Company may, at its discretion, waive the twelve month demand history requirement in the determination of the applicability of this rate.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~October 2, 2025~~, in Case No. 2025-00024.00342
Issued: ~~December 5, 2025~~
Effective: ~~January 2, 2026~~
Issued by Amy B. Spiller, President /s/ Amy B. Spiller

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Duke Energy Kentucky, Inc.
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KY.P.S.C. Electric No. 2
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Cancels and Supersedes
~~Nineteenth~~Twentieth—Revised Sheet No.

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RATE DT

TIME-OF-DAY RATE FOR SERVICE AT DISTRIBUTION VOLTAGE

APPLICABILITY

Applicable to electric service for customers with an average monthly demand of 500 kilowatts or greater where the Company specifies service at a nominal distribution system voltage of 34,500 volts or lower, and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served. Electric service must be supplied at one point of delivery and is not applicable for resale service.

TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase at Company's standard distribution voltage of 34,500 volts or lower.

NET MONTHLY BILL

Computed in accordance with the following charges (kilowatt of demand abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Base Rate

(a) Customer Charge

Single Phase	\$ 63.50	per month
Three Phase	\$127.00	per month
Primary Voltage Service	\$155.00	per month

(b) Demand Charge

Summer			
On Peak kW	\$ 16.16	per kW	(+)
Off Peak kW	\$ 1.45	per kW	(+)

Winter

On Peak kW	\$ 15.29	per kW	(+)
Off Peak kW	\$ 1.45	per kW	(+)

Distribution kW

\$ 6.96	per kW	(+)
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(c) Energy Charge

Summer On Peak kWh	\$0.0646890 <u>\$0.066706</u>	per kWh	(l)
Winter On Peak kWh	\$0.0622260 <u>\$0.064243</u>	per kWh	(l)

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Issued by Amy B. Spiller, President /s/ Amy B. Spiller

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Duke Energy Kentucky, Inc.
1262 Cox Road

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Erlanger, Kentucky 41018

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Off Peak kWh

~~\$0.0548720~~0.056889 per kWh

(I)

NET MONTHLY BILL (Contd.)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 78, Rider DSMR, Demand Side Management Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge, as stated above.

When both single and three phase secondary voltage services are required by a customer, the monthly kilowatt-hour usage and kilowatt demands shall be the respective arithmetical sums of both services.

For purposes of administration of the above Base Rate charges, the summer period is defined as the period June 1 through September 30. The winter period is defined as the period October 1 through May 31.

RATING PERIODS

The rating periods applicable to the demand charge shall be as follows:

a) On Peak Period

Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays.

Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.

b) Off Peak Period - All hours Monday through Friday not included above plus all day Saturday and Sunday, as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day and Christmas Day on the day nationally designated to be celebrated as such.

METERING

The company may meter at secondary or primary voltage as circumstances warrant. If the Company elects to meter at primary voltage, kilowatt hours registered on the Company's meter will be reduced one and one-half percent (1.5%) for billing purposes.

If the customer furnishes primary voltage transformers and appurtenances, in accordance with the Company's specified design and maintenance criteria, the Demand Charge, as stated above, shall be

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reduced as follows:

First 1,000 kW of On Peak billing demand at \$0.82 per kW.
Additional kW of On Peak billing demand at \$0.64 per kW.

DEMAND

The On Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the on peak rating period adjusted for power factor as provided herein. The Off Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the off peak rating period adjusted for power factor minus the On Peak billing demand. In no case shall the Off Peak billing demand be less than zero. The Distribution billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the rating period adjusted for power factor as provided herein. On-peak, Off-peak, and distribution demand values are subject to applicable minimum requirements as established in a service agreement between the Customer and the Company as described below under Terms and Conditions.

POWER FACTOR ADJUSTMENT

The power factor to be maintained shall be not less than 90% lagging. If the Company determines the customer's power factor to be less than 90%, the on peak and off peak billing demands will be the number of kilowatts equal to the respective on peak and off peak kilovolt amperes multiplied by 0.90.

The power factor, as determined by continuous measurement, will be derived from the intervals in which the maximum on peak and off peak kW demands are established.

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

TERMS AND CONDITIONS

The initial term of contract shall be for a period of three (3) years for secondary voltage service and five (5) years for primary voltage service terminable thereafter by a minimum notice of either the customer or the Company as follows:

- (1) For secondary voltage service customers, as prescribed by the Company's Service Regulations.
- (2) For primary voltage service customers with a most recent twelve month average demand of less than 10,000 kVA or greater than 10,000 kVA, written notice of thirty (30) days or twelve (12) months respectively, after receipt of the written notice.

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The Company is not obligated to extend, expand or rearrange its transmission system if it determines that existing distribution and/or transmission facilities are of adequate capacity to serve the customer's load.

If the Company offers to provide the necessary facilities for transmission service, in accordance with its Service Regulations, an annual facilities charge, applicable to such additional facilities, is established at

TERMS AND CONDITIONS (Contd.)

twenty (20) percent of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

Customers seeking service of 40 MW or greater at one or more aggregated premises, or whose demand is reasonably expected to grow to this level, and require significant production and/or transmission investments by the Company for the provision of service may be required to provide the Company appropriate financial and/or performance and credit assurance. A minimum demand provision equal to 75% of the customer specified load requirement and credit requirements will be specified in a required service agreement between the Customer and the Company. The service agreement is subject to Commission approval.

For purposes of the administration of this rate, the Company will determine the customer's average monthly demand based upon the twelve months ending December of each year after the applicable term of service has been fulfilled by the customer. If the customer's demand is less than 500 kilowatts and the Company expects the customer's demand to remain below 500 kilowatts, then the Company will notify the customer prior to May of the succeeding year that the provisions of Rate DS, Service at Secondary Distribution Voltage or Rate DP, Service at Primary Distribution Voltage shall be applicable initiating with the June revenue month billing and shall continue until the term of service of that rate is fulfilled. In the case where a customer's average demand is estimated by the Company to be significantly greater than 500 kilowatts, the Company may, at its discretion, waive the twelve month demand history requirement in the determination of the applicability of this rate.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE EH

OPTIONAL RATE FOR ELECTRIC SPACE HEATING

APPLICABILITY

Applicable to electric service for heating when customer's wiring is so arranged that heating service can be furnished at one point of delivery and can be metered separately from all other types of service or to any public school, parochial school, private school, or church when supplied at one point of delivery, provided permanently connected and regularly used electrical equipment is installed in compliance with the Company specifications as the primary source of heating or heating and cooling the atmosphere to temperatures of human comfort; and provided all other electrical energy requirements are purchased from the Company. No single water heating unit shall be wired that the demand established by it can exceed 5.5 kilowatts unless approved by the Company.

TYPE OF SERVICE

Alternating current 60 Hz, single or three phase at Company's standard distribution voltage of 34,500 volts or lower.

NET MONTHLY BILL

Computed in accordance with the following charges (kilowatts of demand are abbreviated as kW and kilowatt-hours are abbreviated as kWh):

A. Winter Period

1. Base Rate

(a) Customer Charge

Single Phase Service	\$ 15.00 per month
Three Phase Service	\$ 30.00 per month
Primary Voltage Service	\$ 120.00 per month

(b) Energy Charge

All kWh ~~\$0.107272~~\$0.109289 per kWh (I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 78, Rider DSMR, Demand Side Management Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge stated above.

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NET MONTHLY BILL (Contd.)

B. Summer Billing Period

For energy used during the summer period, the kilowatt demand and kilowatt-hour use shall be billed in accordance with the provisions of the applicable Rate DS or Rate DP.

For purposes of administration of the above charges, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

DEMAND

Customer's Demand will be the kilowatts as determined from Company's meter for the fifteen-minute period of customer's greatest use during the month or as calculated by the Company, but not less than five (5) kilowatts.

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

TERMS AND CONDITIONS

The term of contract shall be for a minimum period of one (1) year terminable thereafter on thirty (30) days written notice by either the customer or the Company.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE SP

SEASONAL SPORTS SERVICE

APPLICABILITY

Applicable to electric service required for sports installations, such as football and baseball fields, swimming pools, tennis courts, and recreational areas, promoted, operated and maintained by non-profit organizations, such as schools, churches, civic clubs, service clubs, community groups, and municipalities, where such service is separately metered and supplied at one point of delivery, except, not applicable to private sports installations which are not open to the general public.

TYPE OF SERVICE

Alternating current 60 Hz, single or three phase at the Company's standard secondary voltage.

NET MONTHLY BILL

Computed in accordance with the following charges (kilowatt hours are abbreviated as kWh):

1. Base Rate
 - (a) Customer Charge \$15.00 per month
 - (b) Energy Charge ~~\$0.1724340~~0.174451 per kWh (l)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 78, Rider DSMR, Demand Side Management Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be a sum equal to 1.5% of the Company's installed cost of transformers and metering equipment required to supply and measure service, but not less than the customer charge whether service is on or disconnected.

RECONNECTION CHARGE

A charge per Sheet No. 91, Charge for Reconnection of Service is applicable to each season to cover in part the cost of reconnection of service.

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LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

TERMS AND CONDITIONS

The term of contract shall be for a minimum period of one (1) year terminable thereafter on thirty (30) days written notice by either the customer or the Company.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE GS-FL

OPTIONAL UNMETERED GENERAL SERVICE RATE FOR SMALL FIXED LOADS

APPLICABILITY

Applicable to electric service in the Company's entire territory for small fixed, electric load which can be served by a standard service drop from the Company's existing secondary distribution system where it is considered by the Company to be impractical to meter, such as service locations for bus shelters, telephone booths, navigation lights and beacons, and cable television power supplies.

TYPE OF SERVICE

Alternating current 60 Hz, at nominal voltages of 120, 120/240 or 120/208 volts, single phase, unmetered. Service of other characteristics, where available, may be furnished at the option of the Company.

NET MONTHLY BILL

Computed in accordance with the following charges and based upon calculated energy use determined by the rated capacity of the connected equipment:

1. Base Rate

- | | | |
|---|---|-----|
| (a) For loads based on a range of 540 to 720 hours use per month of the rated capacity of the connected equipment | \$0.1364700 <u>.138487</u> per kWh | (l) |
| (b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment | \$0.1556040 <u>.157618</u> per kWh | (l) |

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

Minimum: \$4.48 per Fixed Load Location per month.

(+)

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

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SERVICE PROVISIONS

- (1) Each separate point of delivery of service shall be considered a Fixed Load Location.
- (2) Only one supply service will be provided to a customer under this Schedule as one Fixed Load Location.
- (3) The customer shall furnish switching equipment satisfactory to the Company.
- (4) The calculated energy use per month shall be determined by the Company taking into consideration the size and operating characteristics of the load.
- (5) The customer shall notify the Company in advance of every change in connected load or operating characteristics, 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 any such changes, the Company reserves the right to refuse to serve the Fixed Load thereafter under this Schedule, and shall be entitled to bill the customer retroactively on the basis of the changed load and operating characteristics for the full period such load was connected.

TERM OF SERVICE

One (1) year, terminable thereafter on thirty (30) days written notice by either the customer or the Company.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE DP

SERVICE AT PRIMARY DISTRIBUTION VOLTAGE

APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at nominal primary distribution system voltages of 12,500 volts or 34,500 volts, and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served, and the customer's average monthly demand is determined by the Company to be less than 500 kilowatts. Electric service must be supplied at one point of delivery and is not applicable for resale service.

When both single and three phase secondary voltage services are required by a customer, the monthly kilowatt-hour usage and kilowatt demands shall be the respective arithmetical sums of both services.

TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase at Company's standard distribution voltage of 34,500 volts or lower.

NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, and all applicable riders shall not exceed \$0.317621 per kilowatt-hour (Kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Base Rate

(a) Customer Charge

Primary Voltage Service (12.5 or 34.5 kV) \$ 120.00 per month

(b) Demand Charge

All kilowatts \$ 10.44 per kW

(c) Energy Charge

First 300 kWh/kW ~~\$0.078643~~\$0.080660 per kWh (I)

Additional kWh ~~\$0.068148~~\$0.070165 per kWh (I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 78, Rider DSMR, Demand Side Management Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge shown above.

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PRIMARY VOLTAGE METERING DISCOUNT

The Company may meter at secondary or primary voltage as circumstances warrant. If the Company elects to meter at primary voltage, the kilowatt-hours registered on the Company's meter will be reduced one and one-half percent (1.5%) for billing purposes.

DEMAND

The demand shall be the kilowatts derived from the Company's demand meter for the fifteen-minute period of customer's greatest use during the billing period, as determined by the Company, adjusted for power factor, as provided herein. At its option, the Company may not install a demand meter if the nature of the load clearly indicates the load will have a constant demand, in which case the demand will be the calculated demand.

In no event will the billing demand be taken as less than 85% of the highest monthly kilowatt demand established in the summer period and effective for the next succeeding eleven (11) months.

If a customer requests reconnection of an account within twelve (12) months of a disconnection order, the customer's demand record for the period of disconnection will be re-established for purposes of billing and administration of the preceding clause.

For purposes of administration of the above clause, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

POWER FACTOR ADJUSTMENT

The power factor to be maintained shall be not less than 90% lagging. If the Company determines customer's power factor to be less than 90%, the billing demand will be the number of kilowatts equal to the kilovolt amperes multiplied by 0.90.

At the Company's option, power factor may be determined by the following methods:

- a. Continuous measurement
 - the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or
- b. Testing
 - the power factor, as determined during a period in which the customer's measured kW demand is not less than 90% of the measured maximum kW demand of the preceding billing period, will be used for billing purposes until superseded by a power factor determined by a subsequent test made at the direction of Company or request of customer.

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LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of five (5) years terminable thereafter as prescribed by the Company's Service Regulations.

- (1) For customers with a most recent twelve month average demand of less than 10,000 kVA, thirty days written notice.
- (2) For customers with a most recent twelve month average demand of 10,000 kVA or greater, written notice twelve months in advance of the desired termination date.

The Company is not obligated to extend, expand or rearrange its transmission system voltage if it determines that existing distribution and/or transmission facilities are of adequate capacity to serve the customer's load.

If the Company offers to provide the necessary facilities for transmission service, in accordance with its Service Regulations, an annual facilities charge, applicable to such additional facilities, is established at twenty (20) percent of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

For purposes of administration of this rate, the Company will determine the customer's average monthly demand based upon the twelve months ending December of each year after the applicable term of service has been fulfilled by the customer. If the customer's monthly demand exceeds 500 kilowatts and the Company expects the customer's demand to remain in excess of 500 kilowatts, then the Company will notify the customer prior to May of the succeeding year that the provisions of Rate DT, Time-of-Day Rate for Distribution Service shall be applicable beginning with the June revenue month billing and shall continue until the term of service of that rate has been fulfilled. In the case where a customer's average demand is estimated by the Company to be significantly less than 500 kilowatts, the Company may, at its discretion, waive the twelve month demand history requirement in the determination of the applicability of this rate.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE TT

TIME-OF-DAY RATE FOR SERVICE AT TRANSMISSION VOLTAGE

APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at a nominal transmission system voltage of 69,000 volts or higher, and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served. Electric service must be supplied at one point of delivery and the customer furnishes and maintains all transformation equipment and appurtenances necessary to utilize the service.

Service is applicable for ultimate use by the customer and is not applicable for standby, supplemental, emergency or resale service.

TYPE OF SERVICE

Alternating current 60 Hz, three phase at Company's standard transmission voltage of 69,000 volts or higher.

NET MONTHLY BILL

Computed in accordance with the following charges (kilowatts of demand are abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1.	Base Rate			
	(a) Customer Charge	\$ 500.00	per month	
	(b) Demand Charge			
	Summer			
	On Peak kW	\$ 10.45	per kW	(+)
	Off Peak kW	\$ 1.58	per kW	(+)
	Winter			
	On Peak kW	\$ 8.57	per kW	(+)
	Off Peak kW	\$ 1.58	per kW	(+)
	(c) Energy Charge			
	Summer			
kWh	On Peak kWh	\$ 0.0751820 <u>0.077199</u>	per	(I)
kWh	Off Peak kWh	\$ 0.0636720 <u>0.065689</u>	per	(I)
	Winter			
	On Peak kWh	\$ 0.0722980 <u>0.074315</u>	per	(I)

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kWh
Off Peak kWh \$ 0.0636720.065689 per (l)
kWh

NET MONTHLY BILL (Contd.)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 78, Rider DSMR, Demand Side Management Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be not less than fifty percent (50%) of the highest demand charge established during the preceding eleven (11) months.

For purposes of administration of the above charges, the summer is defined as that period June 1 through September 30. The winter period is defined as that period October 1 through May 31.

RATING PERIODS

The rating periods applicable to the demand charge shall be as follows:

a) On Peak Period

Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays.

Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.

b) Off Peak Period - all hours Monday through Friday not included above plus all day Saturday and Sunday as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day on the day nationally designated to be celebrated as such.

METERING

The Company may meter at secondary or primary voltage as circumstances warrant. If the Company elects to meter at secondary voltage, the kilowatt-hours registered on the Company's meter will be increased one and one-half percent (1.5%) for billing purposes.

DEMAND

The On Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the on peak rating period adjusted for power factor as provided herein. The Off Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the off peak rating period adjusted for power factor minus the On Peak billing demand. In no case shall the Off Peak billing demand be less than zero. On-peak and Off-peak demand values are subject to applicable minimum requirements as established in a

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Issued by Amy B. Spiller, President /s/ Amy B. Spiller

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service agreement between the Customer and the Company as described below under Terms and Conditions.

POWER FACTOR ADJUSTMENT

The power factor to be maintained shall be not less than 90% lagging. If the Company determines the customer's power factor to be less than 90%, the on peak and off peak billing demands will be the number of kilowatts equal to the respective on peak and off peak kilovolt amperes multiplied by 0.90.

The power factor, as determined by continuous measurement, will be derived from the intervals in which the maximum on peak and off peak kW demands are established.

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of five (5) years terminable thereafter by either the customer or the Company as follows:

- (1) Thirty (30) days after receipt of written notice for customers with a most recent twelve (12) months average on peak demand of less than 10,000 kW.
- (2) Twelve (12) months after receipt of written notice for customers with a most recent twelve (12) months average on peak demand of greater than 10,000 kW.

The Company is not obligated to extend, expand or rearrange its transmission system if it determines that existing distribution and/or transmission facilities are of adequate capacity to serve the customer's load.

If the Company offers to provide the necessary facilities for transmission voltage, in accordance with its Service Regulations, an annual facilities charge, applicable to such additional facilities, is established at twenty (20) percent of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

Customers seeking service of 40 MW or greater at one or more aggregated premises, or whose demand is reasonably expected to grow to this level, and require significant production and/or transmission investments by the Company for the provision of service may be required to provide the Company appropriate financial and/or performance and credit assurance. A minimum demand provision equal to 75% of the customer specified load requirement and credit requirements will be specified in a required service agreement between the Customer and the Company. The service agreement is subject to

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Commission approval.

SERVICE REGULATIONS

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RATE SL

STREET LIGHTING SERVICE

APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, and incorporated homeowners associations, for the lighting of public streets and roads with Company-owned lighting fixtures.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003.

This rate schedule is no longer available after December 31, 2006. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities, or when this rate schedule terminates, whichever occurs first.

TYPE OF SERVICE

All equipment owned by the Company will be installed and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will, absent unusual circumstances, replace burned-out lamps within three (3) business days after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

NET MONTHLY BILL

The following monthly charge for each unit with lamp and luminaire, controlled automatically, will be assessed:

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NET MONTHLY BILL (Contd.)

1. Base Rate

OVERHEAD DISTRIBUTION AREA		Lamp		Annual		
Fixture Description		Watt	kW/Unit	kWh	Rate/Unit	
Standard Fixture (Cobra Head)						
Mercury Vapor						
7,000 lumen		175	0.193	803	\$ 13. 5669	(I)
7,000 lumen (Open Refractor)		175	0.205	853	\$ 11. 5367	(I)
10,000 lumen		250	0.275	1,144	\$ 15.89 16.08	(I)
21,000 lumen		400	0.430	1,789	\$ 21. 5686	(I)
Metal Halide						
14,000 lumen		175	0.193	803	\$ 13. 5669	(I)
20,500 lumen		250	0.275	1,144	\$ 15.89 16.08	(I)
36,000 lumen		400	0.430	1,789	\$ 21. 5686	(I)
Sodium Vapor						
9,500 lumen		100	0.117	487	\$ 14. 5664	(I)
9,500 lumen (Open Refractor)		100	0.117	487	\$ 11. 0715	(I)
16,000 lumen		150	0.171	711	\$ 16. 4022	(I)
22,000 lumen		200	0.228	948	\$ 20.88 1.04	(I)
27,500 lumen		250	0.275	948	\$ 20.88 1.04	(I)
50,000 lumen		400	0.471	1,959	\$ 28.82 9.15	(I)
Decorative Fixtures						
Sodium Vapor						
9,500 lumen (Rectilinear)		100		487	\$	(I)
			0.117		17.98 18.06	
22,000 lumen (Rectilinear)		200	0.246	1,023	\$ 22. 6885	(I)
50,000 lumen (Rectilinear)		400	0.471	1,959	\$ 30.69 1.02	(I)
50,000 lumen (Setback)		400	0.471	1,959	\$ 44. 6093	(I)

Where a street lighting fixture served overhead is to be installed on another utility's pole on which the Company does not have a contact, a monthly pole charge will be assessed.

Spans of Secondary Wiring:

For each increment of 50 feet of secondary wiring beyond the first 150 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.87.

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NET MONTHLY BILL (Contd.)

<u>UNDERGROUND DISTRIBUTION AREA</u>	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
Fixture Description					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.210	874	\$ 43.85 <u>14.00</u>	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 11. 5367	(I)
10,000 lumen	250	0.292	1,215	\$ 16. 2343	(I)
21,000 lumen	400	0.460	1,914	\$ 22. 4850	(I)
Metal Halide					
14,000 lumen	175	0.210	874	\$ 43.85 <u>14.00</u>	(I)
20,500 lumen	250	0.292	1,215	\$ 16. 2343	(I)
36,000 lumen	400	0.460	1,914	\$ 22. 4850	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 14. 5664	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 11. 2331	(I)
16,000 lumen	150	0.171	711	\$ 16. 0517	(I)
22,000 lumen	200	0.228	948	\$ 20.88 <u>21.04</u>	(I)
27,500 lumen	250	0.318	1,323	\$ 21. 2850	(I)
50,000 lumen	400	0.471	1,959	\$ 28.82 <u>29.15</u>	(I)
Decorative Fixtures					
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	\$ 14. 2943	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 17. 7486	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 39. 3045	(I)
7,000 lumen (Granville)	175	0.205	853	\$ 14. 4357	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 25. 2439	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 14. 2640	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 25. 2439	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 39. 4459	(I)
14,500 lumen (Gas Replica)	175	0.207	861	\$ 39. 4256	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$ 20. 0311	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 21. 7079	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 16. 4755	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 41. 5766	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 25. 4827	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 20. 0311	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 25. 4827	(I)

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NET MONTHLY BILL (Contd.)

UNDERGROUND DISTRIBUTION AREA
(Contd.)

Fixture Description

Decorative Fixtures (Contd.)

Sodium Vapor (Contd.)

22,000 lumen (Rectilinear)

50,000 lumen (Rectilinear)

50,000 lumen (Setback)

Lamp
Watt

kW/Unit

Annual
kWh

Rate/Unit

\$ 21.~~56~~73 (I)

\$ 30.~~80~~1.13 (I)

\$ 44.~~60~~93 (I)

POLE CHARGES

Pole Description

Pole Type

Rate/Pole

Wood

17 foot (Wood Laminated) (a)

W17

\$ 7.14

30 foot

W30

\$ 7.05

35 foot

W35

\$ 7.14

40 foot

W40

\$ 8.55

Aluminum

12 foot (decorative)

A12

\$ 19.40

28 foot

A28

\$ 11.24

28 foot (heavy duty)

A28H

\$ 11.37

30 foot (anchor base)

A30

\$ 22.46

Fiberglass

17 foot

F17

\$ 7.14

12 foot (decorative)

F12

\$ 20.86

30 foot (bronze)

F30

\$ 13.57

35 foot (bronze)

F35

\$ 13.95

Steel

27 foot (11 gauge)

S27

\$ 18.34

27 foot (3 gauge)

S27H

\$ 27.02

Spans of Secondary Wiring:

For each increment of 25 feet of secondary wiring beyond the first 25 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$1.26.

Additional facilities, other than specified above, if required, will be billed at the time of installation.

(a) Note: New or replacement poles no longer available.

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NET MONTHLY BILL (Contd.)

2. Base Fuel Cost

The rates per unit shown above include a charge of \$~~0.0337800~~0.035797 per kilowatt-hour reflecting the base (I) cost of fuel.

3. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

TERM OF SERVICE

The street lighting units are installed for the life of the unit, and then its terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 4 or 6 under General Conditions.

GENERAL CONDITIONS

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.

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GENERAL CONDITIONS (Contd.)

- (4) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

- (6) When a Company owned street lighting unit and/or pole reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company shall replace lighting unit and/or pole with an available similar LED lighting unit and/or pole and the Customer shall commence being billed on Rate LED for the available similar lighting unit and/or pole rate and will enter into a new lighting agreement within 90 days. The terms of service of Rate LED shall commence upon lighting unit and/or pole installation. If within 90 days of replacement the Customer does not enter into a new agreement, the service may be terminated.
- (7) The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities outside of Company distribution reliability trimming. Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with supplying electric energy to the system. Customer shall assist Company, if necessary, in obtaining permission to trim trees where Company is unable to obtain such permission through its own best efforts.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE TL

TRAFFIC SIGNAL SERVICE

APPLICABILITY

Applicable to the supplying of energy for traffic signals or other traffic control lighting on public streets and roads. After April 2, 1990, this tariff schedule shall only be applicable to municipal, county, state and local governments. In the application of this tariff, each point of delivery shall be considered as a separate customer.

TYPE OF SERVICE

Alternating current 60 Hz, single phase at the Company's standard secondary voltage.

NET MONTHLY BILL

Computed in accordance with the following charges:

1. Base Rate

- (a) Where the Company supplies energy only, all kilowatt-hours shall be billed at \$~~0.0783300~~0.080347 (I)
per kilowatt-hour.

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

TERM OF SERVICE

One year, terminable thereafter on thirty (30) days written notice by either customer or Company.

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GENERAL CONDITIONS

- (1) Billing will be based on the calculated kilowatt-hour consumption taking into consideration the size and characteristics of the load.
- (2) Where the average monthly usage is less than 110 kWh per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing the electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before the work is carried out.
- (3) The location of each point of delivery shall be mutually agreed upon by the Company and the customer. In overhead distribution areas, the point of delivery shall be within 150 feet of existing secondary wiring. In underground distribution areas, the point of delivery shall be at an existing secondary wiring service point.
- (4) If the customer requires a point of delivery which requires the extension, relocation, or rearrangement of Company's distribution system, the customer shall pay the Company, in addition to the monthly charge, the cost of such extension, relocation, or rearrangement on the basis of time and material plus overhead charges unless, in the judgment of the Company, no payment shall be made. An estimate of the cost will be submitted for approval before work is carried out.

SERVICE REGULATIONS

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RATE UOLS

UNMETERED OUTDOOR LIGHTING ELECTRIC SERVICE

APPLICABILITY

Applicable for electric energy usage only for any street or outdoor area lighting system (System), operating during the dusk to dawn time period, on private or public property and owned by the customer or the Company. The customer must be adjacent to an electric power line of the Company that is adequate and suitable for supplying the necessary electric service.

Service under this tariff schedule shall require an agreement between the customer and the Company specifying the calculated lighting kilowatt-hours. The System shall comply with the connection requirements in the Company's Electric Service Regulations, Section III, Customer's and Company's Installations.

This tariff schedule is no longer available after October 1, 2025, to new participation of Company-owned equipment under Rate OL-E. Existing Company-owned systems under Rate OL-E currently being provided service under this tariff schedule may continue being provided service under this tariff schedule until the Company-owned system under Rate OL-E is no longer provided under Rate OL-E.

CONTRACT FOR SERVICE

The customer will enter into an Agreement for Electric Service for Outdoor Lighting for a minimum of one year and renewable annually, automatically, thereafter.

The Company will provide unmetered electric service based on the calculated annual energy usage for each luminaire's lamp wattage plus ballast usage (impact wattage). The System kilowatt-hour usage shall be determined by the number of lamps and other System particulars as defined in the agreement between the customer and Company. The monthly kilowatt-hour amount will be billed at the rate contained in the NET MONTHLY BILL section below.

LIGHTING HOURS

The unmetered lighting System will be operated automatically by either individual photoelectric controllers or System controller(s) set to operate on either dusk-to-dawn lighting levels or on pre-set timers for any hours between dusk-to-dawn. The hours of operation will be agreed upon between the customer and the Company and set out in the Agreement. Dusk-to-dawn lighting typically turns on and off approximately one-half (1/2) hour after sunset and one-half (1/2) hour before sunrise which is approximately 4160 hours annually.

NET MONTHLY BILL

Computed in accordance with the following charge:

- | | | |
|----|-----------|--|
| 1. | Base Rate | |
| | All kWh | \$ 0.077375 <u>0.079392</u> per kWh |

(I)

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NET MONTHLY BILL (Contd.)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill which is the Net Monthly Bill plus 2.3%, is due and payable.

OWNERSHIP OF SERVICE LINES

Company will provide, install, own, operate and maintain the necessary facilities for furnishing electric service to the System defined in the agreement. If the customer requires the installation of a System at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

The Company shall erect the service lines necessary to supply electric energy to the System within the limits of the public streets and highways or on private property as mutually agreed upon by the Company and the customer. The customer shall assist the Company, if necessary, in obtaining adequate written easements covering permission to install and maintain any service lines required to serve the System.

The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities outside of Company distribution reliability trimming. The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with lighting output or with service lines or wires of the Company used for supplying electric energy to the System. The customer shall assist the Company, if necessary, in obtaining permission to trim trees where the Company is unable to obtain such permission through its own best efforts.

SERVICE REGULATIONS

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RATE LED

LED OUTDOOR LIGHTING ELECTRIC SERVICE

APPLICABILITY

To any customer seeking unmetered roadway or other unmetered outdoor illumination from Company owned LED technology. Customer must be adjacent to an electric power line of Company that is adequate and suitable for supplying the necessary electric service. Specific program technologies, services, pricing, and requirements are addressed below. Service hereunder is provided for the sole and exclusive benefit of the customer, and nothing herein or in the agreement executed hereunder is intended to benefit any third party or to impose any obligation on the Company to any such third party.

Service under this tariff schedule shall require an agreement between the customer and the Company specifying the calculated lighting kilowatt-hours. The LED System shall comply with the connection requirements in the Company's Electric Service Regulations, Section III and Section IV, Customer's and Company's Installations respectively.

CHARACTER OF SERVICE

The Company will provide automatically controlled unmetered lighting service, alternating current, 60 cycle, single phase, at the Company's standard voltage available. This service may include "smart" lighting technologies.

The Company will provide unmetered electric service based on the calculated annual energy usage for each luminaire's lamp wattage plus ballast usage (impact wattage). The LED System kilowatt-hour usage shall be determined by the number of lamps and other LED System particulars as defined in the agreement between the customer and Company. The monthly kilowatt-hour amount will be billed at the rate contained in the NET MONTHLY BILL section below.

LIGHTING HOURS

All unmetered lighting systems, under this rate schedule, will be operated automatically. Annual estimated operating hours for dusk-to-dawn levels will be based on regional National Weather Service hours for sunrise and sunset times. Dusk-to-dawn lighting typically turns on and off approximately one-half (1/2) hour after sunset and one-half (1/2) hour before sunrise which is approximately 4160 hours annually.

NET MONTHLY BILL

Computed in accordance with the following charges:

1. Base Rate
All kWh

~~\$0.0822~~010.084218 per kWh

(I)

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NET MONTHLY BILL (Contd.)

Energy charge based on the following calculation:

- Lamp watts plus ballast wattage equals impact watts
- Watts times estimated annual burn hours as set in agreement equals annual watt hours
- Annual watt hours divided by 1000 hours equals annual kilowatt hours (kWh)
- Annual kWh divided by twelve (12) months equals monthly kWh
- Monthly kWh times current rate per kWh = monthly dollar amount per luminaire

The rate shown above includes a charge of \$~~0.0337800~~0.035797 per kilowatt-hour reflecting the base cost of fuel. (1)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

3. Monthly Maintenance, Fixture, Pole, Pole Foundation, Brackets, and Wiring Equipment Charges:

I. Fixtures				Per Unit Per Month		
Billing Type	Description	Initial Lumens	Lamp Wattage	Monthly kWh	Fixture	Maintenance
LED NB 50	50W Neighborhood	5,000	50	17	\$4.93	\$3.44
LED NBL 50	50W Neighborhood with Lens	5,000	50	17	\$4.99	\$3.44
LED RDW 50	50W Standard LED	4,521	50	17	\$4.56	\$3.44
LED RDW 70	70W Standard LED	6,261	70	24	\$5.01	\$3.44
LED RDW 110	110W Standard LED	9,336	110	38	\$5.66	\$3.44
LED RDW 150	150W Standard LED	12,642	150	52	\$5.74	\$3.44
LED RDW 220	220W Standard LED	18,642	220	76	\$7.49	\$4.20
LED RDW 280	280W Standard LED	24,191	280	97	\$7.56	\$4.20
LED ACS 50	50W Acorn LED	5,147	50	17	\$13.91	\$3.44
LED DA 50	50W Deluxe Acorn LED	5,147	50	17	\$15.50	\$3.44
LED ODA 70	70W LED Open Deluxe Acorn	6,500	70	24	\$15.96	\$3.44
LED TR 50	50W Traditional LED	3,303	50	17	\$7.49	\$3.44
LED OT 50	50W Open Traditional LED	3,230	50	17	\$7.80	\$3.44
LED MB 50	50W Mini Bell LED	4,500	50	17	\$14.26	\$3.44
LED EN 50	50W Enterprise LED	3,880	50	17	\$13.69	\$3.44

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I. Fixtures (Contd.)				Per Unit Per Month		
Billing Type	Description	Initial Lumens	Lamp Wattage	Monthly kWh	Fixture	Maintenance
LED SAN 70	70W Sanibel LED	5,508	70	24	\$17.41	\$3.44
LED SAN 150	150W Sanibel LED	12,500	150	52	\$18.15	\$3.44
LED LD 150	150W LED Teardrop	12,500	150	52	\$21.81	\$3.44
LED LDP 50	50W LED Teardrop Pedestrian	4,500	50	17	\$17.82	\$3.44
LED SBX 220	220W LED Shoebox	18,500	220	76	\$13.52	\$4.20
LED SBX 420	420W LED Shoebox	39,078	420	146	\$20.09	\$4.20
LSBX530	530W LED Shoebox	57,000	530	184	\$23.15	\$4.20
LCLE150	150W Clermont LED	12,500	150	52	\$23.80	\$3.44
LFL130	130W Flood LED	14,715	130	45	\$8.55	\$3.44
LFL260	260W Flood LED	32,779	260	90	\$13.35	\$4.20
LMON050	50W Monticello LED	4,157	50	17	\$16.02	\$3.44
LMT050	50W Mitchell Finial	5,678	50	17	\$15.26	\$3.44
LMTR050	50W Mitchell Ribs, Bands, and Medallions LED	5,678	50	17	\$16.67	\$3.44
LMTT050	50W Mitchell Top Hat LED	5,678	50	17	\$15.26	\$3.44
LMTL050	50W Mitchell Top Hat with Ribs, Bands, and Medallions LED	5,678	50	17	\$16.67	\$3.44
LOMO050	50W Open Monticello LED	4,157	50	17	\$15.96	\$3.44
TBD	150W LED Shoebox	19,000	150	52	\$12.44	\$3.44
TBD	50W Sanibel LED	6,000	50	17	\$16.50	\$3.44
TBD	40W Acorn No Finial LED	5,000	40	14	\$13.30	\$3.44
TBD	50W Ocala Acorn LED	6,582	50	17	\$7.97	\$3.44
TBD	50W Deluxe Traditional LED	5,057	50	17	\$15.23	\$3.44
TBD	30W Town & Country LED	3,000	30	10	\$6.35	\$3.44
TBD	30W Open Town & Country LED	3,000	30	10	\$6.05	\$3.44
TBD	150W Enterprise LED	16,500	150	52	\$13.59	\$3.44
TBD	220W Enterprise LED	24,000	220	76	\$13.99	\$4.20

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TBD	50W Clermont LED	6,300	50	17	\$22.18	\$3.44
I. Fixtures (Contd.)				Per Unit Per Month		
Billing Type	Description	Initial Lumens	Lamp Wattage	Monthly kWh	Fixture	Maintenance
TBD	30W Gaslight Replica LED	3,107	30	10	\$25.30	\$3.44
TBD	50W Cobra LED	5,500	50	17	\$4.95	\$3.44
TBD	70W Cobra LED	8,600	70	24	\$5.14	\$3.44
TBD	30W Granville Acorn LED	4,100	30	10.4	\$12.21	\$3.44
TBD	30W Style B Bollard LED	2,390	30	10.4	\$15.91	\$3.44
TBD	30W Style C Bollard LED	2,146	30	10.4	\$15.91	\$3.44
TBD	30W Style D Bollard LED	2,390	30	10.4	\$15.91	\$3.44
TBD	30W Style E Bollard LED	1,200	30	10.4	\$15.91	\$3.44
TBD	40W Colonial Bollard LED	1,107	40	13.9	\$20.25	\$3.44
TBD	40W Washington Bollard LED	1,107	40	13.9	\$20.25	\$3.44
TBD	26W Holiday Riser Receptacle LED	NA	26	9.0	\$4.38	\$3.44
TBD	26W Holiday Bracket Top Receptacle LED	NA	26	9.0	\$5.16	\$3.44
TBD	26W Holiday Festoon Receptacle LED	NA	26	9.0	\$6.08	\$3.44
TBD	26W Holiday Post Top Receptacle LED	NA	26	9.0	\$5.53	\$3.44
TBD	26W Holiday Post Top with Adapter Receptacle LED	NA	26	9.0	\$6.14	\$3.44
TBD	26W Dual Post Top Receptacle LED	NA	26	9.0	\$7.21	\$3.44
TBD	26W Dual Post Top with Adapter Receptacle LED	NA	26	9.0	\$7.83	\$3.44
TBD	26W Dual Bracket Top Receptacle LED	NA	26	9.0	\$7.21	\$3.44
TBD	50W Senoia LED	4,525	50	17.3	\$16.30	\$3.44
TBD	50W Halo LED	4,809	50	17.3	\$18.33	\$3.44
TBD	30W Standard LED	3,720	30	10.4	\$3.29	\$3.44
TBD	40W Standard LED	4,506	40	13.9	\$3.31	\$3.44
TBD	30W Open Bottom LED	4,510	30	10.4	\$3.18	\$3.44

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II. Poles		
Billing Type	Description	Charge per Month per Unit
A12A	Style A 12 Ft Long Anchor Base Top Tenon Aluminum	\$10.67
A15D	Style A 15 Ft Long Direct Buried Top Tenon Aluminum	\$9.93
A15A	Style A 15 Ft Long Anchor Base Top Tenon Aluminum	\$12.37
A18D	Style A 18 Ft Long Direct Buried Top Tenon Aluminum	\$10.17
A17A	Style A 17 Ft Long Anchor Base Top Tenon Aluminum	\$13.20
A25D	Style A 25 Ft Long Direct Buried Top Tenon Aluminum	\$13.43
A22A	Style A 22 Ft Long Anchor Base Top Tenon Aluminum	\$16.65
A30D	Style A 30 Ft Long Direct Buried Top Tenon Aluminum	\$15.25
A27A	Style A 27 Ft Long Anchor Base Top Tenon Aluminum	\$22.26
A35D	Style A 35 Ft Long Direct Buried Top Tenon Aluminum	\$17.70
A32A	Style A 32 Ft Long Anchor Base Top Tenon Aluminum	\$22.84
A41D	Style A 41 Ft Long Direct Buried Top Tenon Aluminum	\$21.69
A12B	Style B 12 Ft Long Anchor Base Post Top Aluminum	\$12.12
A12C	Style C 12 Ft Long Anchor Base Post Top Aluminum	\$14.75
S12V	Style C 12 Ft Long Anchor Base Davit Steel	\$17.87
S14C	Style C 14 Ft Long Anchor Base Top Tenon Steel	\$16.85
S21V	Style C 21 Ft Long Anchor Base Davit Steel	\$37.66
S23C	Style C 23 Ft Long Anchor Base Boston Harbor Steel	\$43.73
A12R	Style D 12 Ft Long Anchor Base Breakaway Aluminum	\$14.08
A12E	Style E 12 Ft Long Anchor Base Post Top Aluminum	\$14.75
A12I	Style F 12 Ft Long Anchor Base Post Top Aluminum	\$17.98
A39T	Legacy Style 39 Ft Direct Buried Single or Twin Side Mount Aluminum Satin Finish	\$23.90
A27S	Legacy Style 27 Ft Long Anchor Base Side Mount Aluminum Pole Satin Finish Breakaway	\$23.37
A33S	Legacy Style 33 Ft Long Anchor Base Side Mount Aluminum Pole Satin Finish Breakaway	\$24.43
A37S	Legacy Style 37 Ft Long Anchor Base Side Mount Aluminum Pole Satin Finish	\$26.98

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W30	30' Class 7 Wood Pole	\$7.40
II. Poles (Contd.)		
Billing Type	Description	Charge per Month per Unit
W35	35' Class 5 Wood Pole	\$8.27
W40	40' Class 4 Wood Pole	\$9.38
W45	45' Class 4 Wood Pole	\$9.77
A15J	15' Style A - Fluted - for Shroud - Aluminum Direct Buried Pole	\$11.48
A20J	20' Style A - Fluted - for Shroud - Aluminum Direct Buried Pole	\$12.04
A15K	15' Style A - Smooth - for Shroud - Aluminum Direct Buried Pole	\$9.93
A20K	20' Style A - Smooth - for Shroud - Aluminum Direct Buried Pole	\$11.72
TBD	21' Style A - Fluted - Direct Buried	\$16.42
TBD	30' Style A - Transformer Base - Anchor Base	\$24.89
TBD	35' Style A - Transformer Base - Anchor Base	\$28.03
TBD	19' Style A - Breakaway - Direct Buried	\$22.34
TBD	24' Style A - Breakaway - Direct Buried	\$23.64
TBD	27' Style A - Breakaway - Direct Buried	\$22.61
TBD	32' Style A - Breakaway - Direct Buried	\$23.15
TBD	37' Style A - Breakaway - Direct Buried	\$24.63
TBD	42' Style A - Breakaway - Direct Buried	\$25.47
TBD	17' Style B - Anchor Base	\$17.18
TBD	17' Style C - Post Top - Anchor Base	\$18.53
TBD	17' Style C - Davit - Anchor Base	\$29.31
TBD	17' Style C - Boston Harbor - Anchor Base	\$28.59
TBD	25' Style D - Boston Harbor - Anchor Base	\$33.33
TBD	50' Wood - Direct Buried	\$12.16
TBD	55' Wood - Direct Buried	\$12.81
TBD	18' Style C - Breakaway - Direct Buried	\$25.34
TBD	17' Wood Laminated*	\$7.14
TBD	12' Aluminum (decorative)*	\$19.40
TBD	28' Aluminum*	\$11.24

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TBD	28' Aluminum (heavy duty)*	\$11.37
II. Poles (Contd.)		
Billing Type	Description	Charge per Month per Unit
TBD	30' Aluminum (anchor base)*	\$22.46
TBD	17' Fiberglass*	\$7.14
TBD	12' Fiberglass (decorative)*	\$20.86
TBD	30' Fiberglass (bronze)*	\$13.57
TBD	35' Fiberglass (bronze)*	\$13.95
TBD	27' Steel (11 gauge)*	\$18.34
TBD	27' Steel (3 gauge)*	\$27.07
A Pole Shroud	Shroud - Standard Style for anchor base poles**	\$3.10
B Pole Shroud	Shroud - Style B Pole for smooth and fluted poles**	\$7.36
C Pole Shroud	Shroud - Style C Pole for smooth and fluted poles**	\$9.20
D Pole Shroud	Shroud - Style D Pole for smooth and fluted poles**	\$11.35
TBD	Shroud - Style B – Assembly	\$9.62
TBD	Shroud - Style C – Assembly	\$11.30
TBD	Shroud - Style D – Assembly	\$13.78
TBD	Shroud - Style Standard - Assembly 6"/15"	\$5.38
TBD	Shroud - Style Standard - Assembly 6"/18"	\$5.85

*Poles not available for installation. Poles are migrated from other rates upon fixture replacement with LED.

**Shrouds not available for new installations.

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III. Pole Foundations		
Billing Type	Description	Charge per Month per Unit
FND-Flush-A	Flush - Pre-fabricated - Style A Pole	\$15.20
FND-Flush-B	Flush - Pre-fabricated - Style B Pole	\$14.03
FND-Flush-C	Flush - Pre-fabricated - Style C Pole	\$15.05
FND-Flush-D	Flush - Pre-fabricated - Style D Pole	\$14.03
FND-Flush-E	Flush - Pre-fabricated - Style E Pole	\$14.03
FND-Flush-F	Flush - Pre-fabricated - Style F Pole	\$14.03
FND-Reveal-A	Reveal - Pre-fabricated - Style A Pole	\$21.40
FND-Reveal-B	Reveal - Pre-fabricated - Style B Pole	\$17.02
FND-Reveal-C	Reveal - Pre-fabricated - Style C Pole	\$17.66
FND-Reveal-D	Reveal - Pre-fabricated - Style D Pole	\$17.66
FND-Reveal-E	Reveal - Pre-fabricated - Style E Pole	\$17.66
FND-Reveal-F	Reveal - Pre-fabricated - Style F Pole	\$17.66
FND-Screw-in	Screw-in Foundation	\$9.10

IV. Brackets		
Billing Type	Description	Charge per Month per Unit
BKT-Wood-14in	14 inch bracket - wood pole - side mount	\$2.21
BKT-Wood-4ft	4 foot bracket - wood pole - side mount	\$2.47
BKT-Wood-6ft	6 foot bracket - wood pole - side mount	\$2.43
BKT-Wood-8ft	8 foot bracket - wood pole - side mount	\$3.30
BKT-Wood-10ft	10 foot bracket - wood pole - side mount	\$5.45
BKT-Wood-12ft	12 foot bracket - wood pole - side mount	\$4.96
BKT-Wood-15ft	15 foot bracket - wood pole - side mount	\$5.79
BKT-Side-4ft	4 foot bracket - metal pole - side mount	\$5.87
BKT-Side-6ft	6 foot bracket - metal pole - side mount	\$5.95
BKT-Side-8ft	8 foot bracket - metal pole - side mount	\$7.39
BKT-Side-10ft	10 foot bracket - metal pole - side mount	\$7.79

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BKT-Side-12ft	12 foot bracket - metal pole - side mount	\$7.12
IV. Brackets (Contd.)		
Billing Type	Description	Charge per Month per Unit
BKT-Side-15FT	15 foot bracket - metal pole - side mount	\$8.50
BKT-Tenon-18in-DBL	18 inch bracket - wood pole - double mount - side mount	\$2.37
BKT-Tenon-14in	14 inch bracket - metal pole - single mount - top tenon	\$2.50
BKT-Tenon-14in DBL	14 inch bracket - metal pole - double mount - top tenon	\$2.71
BKT-Tenon-14in TPL	14 inch bracket - metal pole - triple mount - top tenon	\$2.88
BKT-Tenon-14in Quad	14 inch bracket - metal pole - quad mount - top tenon	\$3.01
BKT-Tenon-6ft	6 foot - metal pole - single - top tenon	\$5.56
BKT-Tenon-6ft DBL	6 foot - metal pole - double - top tenon	\$7.05
BKT-Tenon-4ft BH	4 foot - Boston Harbor - top tenon	\$8.07
BKT-Tenon-6ft BH	6 foot - Boston Harbor - top tenon	\$8.49
BKT-Tenon-12t BH	12 foot - Boston Harbor Style C pole double mount - top tenon	\$14.52
BKT-Tenon-4ft Davit	4 foot - Davit arm - top tenon	\$7.36
BKT-Wood-18in-CH	18 inch - Cobrahead fixture for wood pole	\$2.08
BKT-Wood-18in-FL	18 inch - Flood light for wood pole	\$2.30
TBD	18" Metal - Flood - Bullhorn - Top Tenon	\$2.83
TBD	4' Transmission - Top Tenon	\$10.42
TBD	10' Transmission - Top Tenon	\$12.01
TBD	15' Transmission - Top Tenon	\$13.21
TBD	18" Transmission - Flood - Top Tenon	\$5.55
TBD	3' Shepherds Crook - Single - Top Tenon	\$5.27
TBD	3' Shepherds Crook w/ Scroll - Single - Top Tenon	\$5.84
TBD	3' Shepherds Crook - Double - Top Tenon	\$7.45
TBD	3' Shepherds Crook w/ Scroll - Double - Top Tenon	\$8.38
TBD	3' Shepherds Crook w/ Scroll & Festoon - Single - Top Tenon	\$6.11
TBD	3' Shepherds Crook w/ Scroll - Wood - Top Tenon	\$7.29
TBD	17" Masterpiece - Top Tenon - Double Post Mount - Top Tenon	\$5.82

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V. Wiring Equipment		
Billing Type	Description	Charge per Month per Unit
MISC-Sec-PED	Secondary Pedestal (cost per unit)	\$2.82
MISC-Handhole	Handhole (cost per unit)	\$4.04
TBD	Pullbox	\$10.26
CABLE-6AL-Trench	6AL DUPLEX and Trench (cost per 10 feet)	\$1.28
CABLE-6AL-Trench-Conduit	6AL DUPLEX and Trench with conduit (cost per 10 feet)	\$1.49
CABLE-6AL-Existing Conduit	6AL DUPLEX with existing conduit (cost per 10 feet)	\$0.94
CABLE-6AL-Bore-Conduit	6AL DUPLEX and Bore with conduit (cost per 10 feet)	\$3.19
WIRE-6AL	6AL DUPLEX OH wire (cost per 100 feet)	\$2.99

VI. Shields		
Billing Type	Description	Charge per Month per Unit
TBD	Standard	\$1.83
TBD	Decorative	\$1.71

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

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OWNERSHIP OF SERVICE LINES

Company will provide, install, own, operate and maintain the necessary facilities for furnishing electric service to the System defined in the agreement. If the customer requires the installation of a System at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. Customer may also pay monthly for such extension, relocation, or rearrangement as described below under Terms of Service. An estimate of the cost will be submitted for approval before work is carried out.

The Company shall erect the service lines necessary to supply electric energy to the System within the limits of the streets and highways or on property as mutually agreed upon by the Company and the customer. The customer shall assist the Company, if necessary, in obtaining adequate written easements covering permission to install and maintain any service lines required to serve the System.

The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities outside of Company distribution reliability trimming. The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with supplying electric energy to the System. The Customer shall assist the Company, if necessary, in obtaining permission to trim trees where the Company is unable to obtain such permission through its own best efforts.

TERMS OF SERVICE

1. Service under this rate schedule shall be for a minimum initial term of ten (10) years from the commencement of service and shall continue thereafter until terminated by either party by sixty (60) days prior written notice of termination. Upon early termination of service under this schedule, the customer shall pay an amount equal to the remaining monthly lease amount for the term of agreement and removal cost of the facilities. After the minimum initial term is complete, customers are permitted to replace lighting equipment with other options on this Rate LED or other available Company lighting tariffs without a termination charge.
2. Where the Company provides a LED fixture, pole type or equipment other than those listed above, the monthly charges, as applicable shall be computed as follows:
 - I. Fixture
 - a. Fixture Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.
 - b. Maintenance Charge: Based on the Company's average cost of performing maintenance on lighting equipment.

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Issued by: Amy B. Spiller, President /s/ Amy B. Spiller

Duke Energy Kentucky, Inc.
1262 Cox Road
Erlanger, KY 41018

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- II. Pole
 - a. Pole Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.
- III. Other Equipment
 - a. Equipment Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.
- 3. The customer shall be responsible for the cost incurred to repair or replace any fixture or pole which has been willfully damaged. The Company shall not be required to make such repair or replacement or to make payment to the customer for damage.
- 4. KWh consumption for Company-owned fixtures shall be estimated in lieu of installing meters. Monthly kWh estimates will be made using the following formula:
$$\text{kWh} = \text{Unit Wattage} \times (4160 \text{ hours per year} / 12 \text{ months}) / 1,000.$$
- 5. No Pole Charge shall be applicable for a fixture installed on a company-owned pole which is utilized for other general electrical distribution purposes.
- 6. The Company will repair or replace malfunctioning lighting fixtures maintained by the Company.
- 7. For a fixture type restricted to existing installations and requiring major renovation or replacement, the fixture shall be replaced by an available similar non-restricted LED fixture of the customer's choosing and the customer shall commence being billed at its appropriate rate.
- 8. The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities.
- 9. All new leased LED lighting shall be installed on poles owned by the Company.
- 10. Alterations to leased LED lighting facilities requested by the customer after date of installation (i.e. redirect, install shields, etc.), will be billed to the customer in accordance with the Company's policy.
- 11. Service for street or area lighting is normally provided from existing distribution facilities. Where suitable distribution facilities do not exist, it will be the customer's responsibility to pay for necessary additional facilities either at cost upfront or monthly as described below.

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12. The Company will normally install service in accordance with the Electric Service Regulations for the facilities required to supply electric service to the customer. For Lighting installations requiring investments exceeding the Company's standards and where additional facilities are required as discussed above, lighting customer must pay the cost of the additional facility investment upfront or 0.8642% of the cost of the additional facility investment amount monthly. The Customer may make a partial up-front payment that will be applied against the cost of the additional facility investment and will thereby reduce the monthly charge.
13. The customer may opt to make an initial, upfront one-time payment of 50% of the installed cost of the equipment in the lighting system to reduce the Company's installed cost, therefore reducing the Customer's ongoing monthly equipment charge by 50% of the current tariff price over the fixed term for the life of the equipment.
14. Outage credits do not apply to Rate LED.
15. When a Company owned street lighting unit reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company shall replace lighting unit with an available similar lighting unit on Rate LED and the Customer shall commence being billed for the available similar lighting unit and will enter into a new lighting agreement within 90 days. The terms of service of Rate LED shall commence upon lighting unit installation. If within 90 days of replacement the Customer does not enter into a new agreement, the service may be terminated.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE NSU

STREET LIGHTING SERVICE NON-STANDARD UNITS

APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, hereinafter referred to as customer for the lighting of public streets and roads with existing Company and Customer owned lighting fixtures. This service is not available for units installed after January 1, 1985.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003.

This rate schedule is no longer available after December 31, 2006. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or when this rate schedule terminates, whichever occurs first.

TYPE OF SERVICE

All equipment owned by the Company will be maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will, absent unusual circumstances, replace burned-out lamps maintained by the Company within three (3) business days after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

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NET MONTHLY BILL

The following monthly charge for each unit with lamp and luminaire, controlled automatically, will be assessed.

1. Base Rate

A. Company owned

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
1. Boulevard units served underground					
a. 2,500 lumen Incandescent – Series	148	0.148	616	\$17. 06 <u>16</u>	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$13. 59 <u>72</u>	(I)
2. Holophane Decorative fixture on 17 foot fiberglass pole served underground with direct buried cable					
a. 10,000 lumen Mercury Vapor	250	0.292	1,215	\$31. 47 <u>37</u>	(I)

The cable span charge of \$1.10 per each increment of 25 feet of secondary wiring shall be added to the Rate/unit charge for each increment of secondary wiring beyond the first 25 feet from the pole base.

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
3. Street light units served overhead distribution					
a. 2,500 lumen Incandescent	189	0.189	786	\$13. 47 <u>60</u>	(I)
b. 2,500 lumen Mercury Vapor	100	0.109	453	\$12. 44 <u>52</u>	(I)
c. 21,000 lumen Mercury Vapor	400	0.460	1,914	\$21. 04 <u>33</u>	(I)

B. Customer owned

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
1. Steel boulevard units served underground with limited maintenance by Company					
a. 2,500 lumen Incandescent – Series	148	0.148	616	\$10. 33 <u>43</u>	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$13. 44 <u>27</u>	(I)

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NET MONTHLY BILL (Contd.)

2. Base Fuel Cost

The rates per unit shown above include \$~~0.0337890~~0.034557 per kilowatt-hour reflecting the base cost of fuel. (I)

3. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

TERM OF SERVICE

The street lighting units are installed for the life of the unit, terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 1 or 3 under General Conditions.

GENERAL CONDITIONS

- (1) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by, and at the expense of, the Company. In case of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

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- (3) When a Company owned street lighting unit and/or pole reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company shall replace lighting unit and/or pole with an available similar LED lighting unit and/or pole and the Customer shall commence being billed on Rate LED for the available similar lighting unit and/or pole rate and will enter into a new lighting agreement within 90 days. The terms of service of Rate LED shall commence upon lighting unit and/or pole installation. If within 90 days of replacement the Customer does not enter into a new agreement, the service may be terminated.
- (4) When a customer owned lighting unit becomes inoperative, the cost of repair or replacement of the unit will be at the customer's expense. The replacement unit shall be an approved Company fixture. Upon failure of a customer owned unit, Customer may contact Company to discuss lighting options available with Company owned lighting units.
- (5) Limited maintenance by the Company includes only fixture cleaning, relamping, and glassware and photo cell replacement.
- (6) The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities. Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with supplying electric energy to the system. Customer shall assist Company, if necessary, in obtaining permission to trim trees where Company is unable to obtain such permission through its own best efforts.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE SC

STREET LIGHTING SERVICE - CUSTOMER OWNED

APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, and incorporated homeowner's associations for the lighting of public streets and roads when the total investment and installation costs of the fixtures are borne by the customer. The fixture shall be a Company approved unit used in overhead and underground distribution areas.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003.

This rate schedule is no longer available after December 31, 2006. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or when this rate schedule terminates, whichever occurs first.

TYPE OF SERVICE

All equipment will be owned by the customer but may be installed by customer or Company with limited maintenance performed by the Company. Limited maintenance includes only fixture cleaning, relamping, and glassware and photo cell replacement. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will, absent unusual circumstances, replace burned-out lamps within three (3) business days after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

NET MONTHLY BILL

The following monthly charge for each lamp with luminaire, controlled automatically, will be assessed:

1. Base Rate	Lamp <u>Watts</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	<u>Rate/Unit</u>	
Fixture Description					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	\$ 7. 8699	(I)
10,000 lumen	250	0.275	1,144	\$ 10. 4837	(I)
21,000 lumen	400	0.430	1,789	\$ 14. 3969	(I)

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NET MONTHLY BILL (Contd.)

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
Metal Halide					
14,000 lumen	175	0.193	803	\$ 8. 8598	(I)
20,500 lumen	250	0.275	1,144	\$ 10. 4837	(I)
36,000 lumen	400	0.430	1,789	\$ 14. 3969	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 8. 8290	(I)
16,000 lumen	150	0.171	711	\$ 10. 0517	(I)
22,000 lumen	200	0.228	948	\$ 11. 2743	(I)
27,500 lumen	250	0.228	948	\$ 11. 2743	(I)
50,000 lumen	400	0.471	1,959	\$ 16. 4851	(I)
Decorative Fixture					
Mercury Vapor					
7,000 lumen (Holophane)	175	0.210	874	\$ 9. 8095	(I)
7,000 lumen (Town & Country)	175	0.205	853	\$ 9. 7084	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 9. 8095	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 9. 8095	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 9. 7084	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 9.8810.03	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 9.8810.03	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$ 8. 7078	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 8. 7078	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 9. 4019	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 8. 7078	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 9. 4019	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 9. 4019	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 9. 4019	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 11.9612.13	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 16. 6699	(I)

Where a street lighting fixture served overhead is to be installed on another utility's pole on which the Company does not have a contact, a monthly pole charge will be assessed.

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NET MONTHLY BILL (Contd.)

<u>Pole Description</u>	<u>Pole Type</u>	<u>Rate/Pole</u>
Wood		
30 foot	W30	\$ 7.05
35 foot	W35	\$ 7.14
40 foot	W40	\$ 8.55

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be ~~\$0.0768580~~\$0.077635 per kilowatt-hour which includes the base fuel cost rate stated below. The monthly kilowatt-hour usage will be mutually agreed upon between the Company and the customer. Where the average monthly usage is less than 150 kWh per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before work is carried out. (I)

2. Base Fuel Cost

The rates per unit shown above include ~~\$0.0337800~~\$0.035797 per kilowatt-hour reflecting the base cost of fuel. (I)

3. Applicable Riders

The following riders are applicable to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

TERM OF SERVICE

The street lighting units are installed for the life of the unit, terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 4 or 6 under General Conditions.

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GENERAL CONDITIONS

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced by the Company, the ordering Authority shall pay the Company the cost agreed upon under a separate contract.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

- (6) When a customer owned lighting unit becomes inoperative, the cost of repair, replacement or removal of the unit will be at the customer's expense. Upon failure of a customer owned unit, Customer may contact Company to discuss lighting options available with Company owned lighting units.
- (7) All lights installed on an overhead distribution system will be installed by Company under a separate contract with customer.
- (8) The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities. Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with supplying electric energy to the system. Customer shall assist Company, if necessary, in obtaining permission to trim trees where Company is unable to obtain such permission through its own best efforts.

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SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE SE

STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT

APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof and incorporated homeowners associations for the lighting of public streets and roads with Company lighting fixtures in underground distribution areas, where the customer elects to make a contribution for the installation of the fixture, mounting, pole and secondary wiring to obtain the rate/unit for the same size standard fixture (cobra head) in an overhead distribution area.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003.

This rate schedule is no longer available after December 31, 2006. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or when this rate schedule terminates, whichever occurs first.

TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will, absent unusual circumstances, replace burned-out lamps within three (3) business days after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

NET MONTHLY BILL

The following monthly charge for each lamp with luminaire, controlled automatically, will be assessed:

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NET MONTHLY BILL (Contd.)

1. Base Rate

Fixture Description	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
<u>Decorative Fixtures</u>					
<u>Mercury Vapor</u>					
7,000 lumen (Town & Country)	175	0.205	853	\$ 13. 8599	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 13.914.06	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 13.914.06	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 13.914.06	(I)
<u>Metal Halide</u>					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 13. 8599	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 13.914.06	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 13.914.06	(I)
<u>Sodium Vapor</u>					
9,500 lumen (Town & Country)	100	0.117	487	\$ 14. 5967	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 14. 8594	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 14. 5967	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 14. 8493	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 14. 8493	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 14. 5967	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 14. 8493	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 21. 3350	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 28.9029.23	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$ 28.9029.23	(I)

Additional facilities, other than specified above, if required, will be billed at the time of installation.

2. Base Fuel Cost

The rates per unit shown above include \$~~0.0337890~~0.035797 per kilowatt-hour reflecting the base cost of fuel. (I)

3. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 2.3%, is due and payable.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~October 2, 2025~~, in Case No. 2025-~~00024.00342~~

Issued: ~~October 29, 2025~~

Effective: ~~January 2, 2026~~

Issued by Amy B. Spiller, President /s/ Amy B. Spiller

KY.P.S.C. Electric No. 2
~~Seventeenth~~Eighteenth Revised

Sheet No. 69
Duke Energy Kentucky, Inc.
1262 Cox Road
No. 69
Erlanger, KY 41018

Cancels and Supersedes
~~Sixteenth~~Seventeenth Revised Sheet

Page 3 of 4

TERM OF SERVICE

The street lighting units are installed for the life of the unit, terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 4 or 6 under General Conditions.

GENERAL CONDITIONS

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

- (6) When a Company owned street lighting unit reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company shall replace lighting unit with an available similar LED lighting unit and/or pole and the Customer shall commence being billed on Rate LED for the available similar lighting unit and pole rate and will enter into a new lighting agreement within 90 days. The terms of service of Rate LED shall commence upon lighting unit and/or pole installation. If within 90 days of replacement the Customer does not enter into a new agreement, the service may be terminated.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~October 2, 2025~~, in Case No. 2025-00024.00342

Issued: ~~October 29, 2025~~

Effective: ~~January 2, 2026~~

Issued by Amy B. Spiller, President /s/ Amy B. Spiller

KY.P.S.C. Electric No. 2
~~Seventeenth~~Eighteenth Revised

Cancels and Supersedes
~~Sixteenth~~Seventeenth Revised Sheet

Page 4 of 4

Sheet No. 69
Duke Energy Kentucky, Inc.
1262 Cox Road
No. 69
Erlanger, KY 41018

GENERAL CONDITIONS (Contd.)

- (7) The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities outside of Company distribution reliability trimming. Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with supplying electric energy to the system. Customer shall assist Company, if necessary, in obtaining permission to trim trees where Company is unable to obtain such permission through its own best efforts. (T)
(T)
(T)
(T)
(T)
(T)
- (8) The contribution only provides for replacement of these facilities due to occasional damage or premature malfunction. It does not cover replacement at end of life. (T)
(D)
(D)
(D)

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~October 2, 2025~~, in Case No. 2025-00024-00342

Issued: ~~October 20, 2025~~

Effective: ~~January 2, 2026~~

Issued by Amy B. Spiller, President /s/ Amy B. Spiller

KY. P.S.C. Electric No. 2
~~Fourteenth~~Fifteenth Revised Sheet

Cancels and Supersedes
~~Thirteenth~~Fourteenth Revised Sheet

Page 1 of 2

No. 80
Duke Energy Kentucky
1262 Cox Road
No. 80
Erlanger, Kentucky 41018

RIDER FAC

FUEL ADJUSTMENT CLAUSE

APPLICABLE

In all territory service.

AVAILABILITY OF SERVICE

This schedule is a mandatory rider to all electric rate schedules.

- (1) The monthly amount computed under each of the rate schedules to which this fuel clause is applicable shall be increased or (decreased) at a rate per kilowatt-hour of monthly consumption in accordance with the following formula:

$$\text{FuelCostAdjustment} = \frac{F(m)}{S(m)} - \$\text{0.0337800.035797 per kWh}$$

(I)

Where F is the expense of fuel in the second preceding month and S is the sales in the second preceding month, as defined below:

- (2) Fuel costs (F) shall be the cost of:
- (a) Fossil fuel consumed in the Company's plants plus the cost of fuel which would have been used in plants suffering forced generation or transmission outages, but less the cost of fuel related to substitute generation, plus
 - (b) The actual identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in paragraph (c) of this subsection, but excluding the cost of fuel related to purchases to substitute for the forced outages; plus
 - (c) The net energy cost of energy purchases, exclusive of capacity or demand charges (irrespective of the designation assigned to such transaction) when such energy is purchased on an economic dispatch basis. Included therein are such costs as the charges for economy energy purchases and the charges as a result of scheduled outage, all such kinds of energy being purchased by the Company to substitute for its own higher cost energy, and less
 - (d) The cost of fossil fuel recovered through inter-system sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~November 10, 2025~~ in Case No. ~~2024-~~
~~00354-2025-00342~~

Issued: ~~December 1, 2025~~

Effective: ~~November 10, 2025~~

Issued by Amy B. Spiller, President /s/ Amy B. Spiller

KY. P.S.C. Electric No. 2
~~Fourteenth~~Fifteenth Revised Sheet

No. 80
Duke Energy Kentucky
1262 Cox Road
No. 80
Erlanger, Kentucky 41018

Cancels and Supersedes
~~Thirteenth~~Fourteenth Revised Sheet

Page 2 of 2

AVAILABILITY OF SERVICE (Contd.)

- (e) The native portion of fuel-related costs charged to the Company by PJM Interconnection LLC includes those costs identified in the following Billing Line Items, as may be amended from time to time by PJM Interconnection LLC: Billing Line Items 1210, 1215, 1216, 1218, 2217, 2218, 1230, 1250, 1260, 2260, 1370, 2370, 1375, 2375, 1400, 1410, 1420, 1430, 1478, 1340, 2340, 1460, 1350, 2350, 1360, 2360, 2366, 1470, 1377, 2377, 1480, 1378, 2378, 1490, 1500, 2420, 2220, 1200, 1205, 1220, 1225, 2500, 2510, 1930, 2211, 2215, 2415, 2930, 1980 and 2980.
 - (f) All fuel costs shall be based on a weighted-average inventory costing. In making the calculations of fuel cost, the forced outage costs to be subtracted shall be no less than the fuel cost related to the lost generation until approval is obtained. 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 fuel itself and necessary charges for transportation of fuel from the point of acquisition to the unloading point, as listed in Account 151 of the FERC Uniform System of Accounts for Public Utilities and Licensees.
 - (g) As used herein, the term "forced outages" means all non-scheduled 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 Company may, upon proper showing, with the approval of the Commission, include the fuel cost of substitute energy in the adjustment.
- (3) Sales (S) shall be determined in kilowatt-hours as follows:
- Add:
- (a) net generation
 - (b) purchases
 - (c) interchange in
- Subtract:
- (d) inter-system sales including economy energy and other energy sold on an economic dispatch basis.
 - (e) total system losses

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~November 10, 2025~~ in Case No. ~~2024-~~
~~00354.2025-00342~~

Issued: ~~December 1, 2025~~

Effective: ~~November 10, 2025~~

Issued by Amy B. Spiller, President /s/ Amy B. Spiller

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-029

REQUEST:

For the years ending 2023 and 2024, provide:

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

RESPONSE:

Year ending 10/31/2023

- a. Maximum annual system demand= 812 MW on 8/23/2023 at HE 18:00 EPT
- b. Average annual demand= 453 MW

Year ending 10/31/2024

- a. Maximum annual system demand= 853 MW on 8/28/2024 at HE 16:00 EPT
- b. Average annual demand= 473 MW

Source: "ULHP Load with losses" from the Company's Energy Accounting (TGIS) System

PERSON RESPONSIBLE: John D. Swez

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-030

REQUEST:

- a. Provide a schedule of the calculation of the 12-month average line loss by month for November 2022 through October 2024.
- b. Describe the actions that Duke Kentucky has taken to reduce line loss during this period.

RESPONSE:

- a. Please see STAFF-DR-01-030 Attachment for the 12-month average line loss.
- b. Changes to the Duke Energy Kentucky transmission and distribution systems are based on meeting planning criteria, which are intended to provide reliable system performance in a cost-effective manner. Loss reduction is a secondary goal, which may be considered, when appropriate, in deciding between various alternatives that serve the primary purpose of maintaining system performance. Typical system reinforcement projects do often result in reduced system losses. System projects completed by Duke Energy Kentucky from November 2022 through October 2024 that could have had a loss reduction impact include the following:

Transmission system improvements:

- 1) Woodspoint to Aero 138 kV circuit

Distribution system improvements:

- 1) Richwood Substation, existing substation, replaced 10.5 MVA transformer with new 22.4 MVA transformer
- 2) White Tower Substation, existing substation, replaced 10.5 MVA transformer with new 22.4 MVA transformer
- 3) Litton Substation, new substation, one 22.4 MVA transformer

PERSON RESPONSIBLE:

Libbie S. Miller
John D. Swez

Duke Energy Kentucky
12 Month Average Line Loss
November 2022 - October 2024

(1)	(2)	(3)	(4)	(5)	(6)
Month	Total kWh Sources 12 Months Ended Current Month	Total kWh System Losses 12 Months Ended Current Month	12 Months Ended % Losses	Total kWh Sources Current Month	Current Month Calculated System Losses (kWh)
			(3) / (2)		(4) x (5)
Nov-22	4,221,811,950	283,684,154	6.70%	318,714,770	21,353,890
Dec-22	4,259,360,660	282,492,461	6.60%	371,265,150	24,503,500
Jan-23	4,221,184,650	273,208,784	6.50%	357,638,020	23,246,471
Feb-23	4,194,628,090	285,843,130	6.80%	308,465,820	20,975,676
Mar-23	4,188,017,630	247,031,219	5.90%	333,096,290	19,652,681
Apr-23	4,181,554,930	240,415,131	5.70%	293,985,140	16,757,153
May-23	4,162,141,820	204,728,493	4.90%	319,190,100	15,640,315
Jun-23	4,122,301,950	78,775,186	1.90%	339,424,490	6,449,065
Jul-23	4,096,260,720	181,767,061	4.40%	407,264,620	17,919,643
Aug-23	4,100,679,200	242,626,820	5.90%	406,159,160	23,963,390
Sep-23	4,094,114,220	271,753,627	6.60%	339,839,460	22,429,404
Oct-23	4,096,259,590	233,237,338	5.70%	301,216,570	17,169,344
Nov-23	4,081,162,770	198,010,684	4.90%	303,617,950	14,877,280
Dec-23	4,040,822,420	191,237,149	4.70%	330,924,800	15,553,466
Jan-24	4,068,434,000	219,070,616	5.40%	385,249,600	20,803,478
Feb-24	4,070,934,070	171,898,011	4.20%	310,965,890	13,060,567
Mar-24	4,046,975,910	169,665,089	4.20%	309,138,130	12,983,801
Apr-24	4,043,836,950	167,617,550	4.10%	290,846,180	11,924,693
May-24	4,067,677,400	153,715,291	3.80%	343,030,550	13,035,161
Jun-24	4,114,572,410	179,536,937	4.40%	386,319,500	16,998,058
Jul-24	4,124,815,880	157,032,455	3.80%	417,508,090	15,865,307
Aug-24	4,150,055,470	171,504,849	4.10%	431,398,750	17,687,349
Sep-24	4,178,725,890	191,380,517	4.60%	368,509,880	16,951,454
Oct-24	4,193,018,580	215,910,820	5.10%	315,509,260	16,090,972

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-031

REQUEST:

Describe in detail any hedging or hedging related activities that Duke Kentucky uses in relation to power purchases. Include an explanation as to whether the Commission approved the hedging activities or the utility implemented hedging pursuant to internal company policies. If the hedging was pursuant to internal policies, provide a copy of the policy and an explanation of how long the hedging activity has been ongoing.

RESPONSE:

During the review period, Duke Energy Kentucky executed 22 monthly and daily trades totaling 226,400 MWhrs for May 2024, September 2024, and October 2024 delivery, buying power hedges for East Bend's planned outages. These hedges were purchased according to the Commission's October 12, 2023 Order in Case No. 2022-00372, see pp. 87 and 90, where the Commission approved Duke Energy Kentucky's hedging program for scheduled outages.

PERSON RESPONSIBLE: James "Jim" J. McClay, III

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

**CONFIDENTIAL STAFF-DR-01-032
(As to Attachment only)**

REQUEST:

Provide the most recent projected fuel requirements for the years 2025, 2026, and 2027 in tons for coal, MMBtu for natural gas, and dollars.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment only)

Please see STAFF-DR-01-032 Confidential Attachment for 2025 actual data and 2026/2027 projected data. The Company chose to provide 2025 actual data rather than 2025 projected data due to the actual data rendering the projections obsolete.

PERSON RESPONSIBLE: Libbie S. Miller

CONFIDENTIAL PROPRIETARY TRADE SECRET

CONFIDENTIAL ATTACHMENT

STAFF-DR-01-032

FILED UNDER SEAL

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

**CONFIDENTIAL STAFF-DR-01-033
(As to Attachment only)**

REQUEST:

Provide the most recent sales projections for the years 2025, 2026, and 2027 in kWh and dollars.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment only)

Please see STAFF-DR-01-033 Confidential Attachment for 2025 actual data and 2026/2027 projected data. The Company chose to provide 2025 actual data rather than 2025 projected data due to the actual data rendering the projections obsolete.

PERSON RESPONSIBLE: Libbie S. Miller

CONFIDENTIAL PROPRIETARY TRADE SECRET

CONFIDENTIAL ATTACHMENT

STAFF-DR-01-033

FILED UNDER SEAL

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

**CONFIDENTIAL STAFF-DR-01-034
(As to Attachment only)**

REQUEST:

Provide the planned maintenance schedule for each of the generating units for the years 2025, 2026, and 2027.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment only)

Please see STAFF-DR-01-034 Confidential Attachment.

PERSON RESPONSIBLE: John D. Swez

CONFIDENTIAL PROPRIETARY TRADE SECRET

CONFIDENTIAL ATTACHMENT

STAFF-DR-01-034

FILED UNDER SEAL

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-035

REQUEST:

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 Duke Kentucky becomes aware of any issues during the course of this proceeding.

RESPONSE:

Duke Energy Kentucky is not aware of any outstanding issues affecting FAC fuel costs that remain unresolved or unsettled for the two-year period.

PERSON RESPONSIBLE:

John D. Swez
Libbie S. Miller

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-036

REQUEST:

Provide the number of Duke Kentucky's coal purchase contracts that included transportation costs and those that did not from November 1, 2022, through October 31, 2024.

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 Duke Kentucky 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 Duke Kentucky 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 Duke Kentucky's policies and procedures for entering into transportation contracts.

RESPONSE:

From November 1, 2022 through October 31, 2024, Duke Energy Kentucky's coal purchase contracts did not include transportation costs.

a. With respect to the procurement of coal purchase contracts, Duke Energy Kentucky issues a written or oral solicitation/request for coal supply proposals. The Company also separately issues a similar request either written or oral for barge transportation.

b. As stated above, Duke Energy Kentucky issues separate request for proposals (RFP) for coal and barge transportation.

(1) Yes, Duke Energy Kentucky issued a transportation request for proposal in July 2024 for barge transportation. The contract term was for two years (January 1, 2025 - December 31, 2026) with two options to extend for an additional year. The request for proposal was sent to all known potential transportation suppliers and printed in industry publications to ensure all potential respondents are aware.

(2) No, Duke Energy Kentucky does not use or contract with any related parties for transportation of its coal purchases.

c. Duke Energy's Coal and Reagent Origination Procedure covers coal transportation origination. As laid out in the Procedure, all transportation contracts are entered into after a request for proposal has been evaluated and an award has been issued to a transportation company. Under no circumstances shall Duke Energy Kentucky authorize shipments prior to the execution of a contract. Prior to execution, transportation contracts are reviewed and meet the requirements of the Credit Risk Management group and the Legal Department.

PERSON RESPONSIBLE: Kimberly Hughes

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

**CONFIDENTIAL STAFF-DR-01-037
(As to Attachment only)**

REQUEST:

Explain how purchase power costs are accounted for in the calculation of the FAC when Duke Kentucky experiences a planned generation outage and purchases power to meet load (i.e., whether the entire amount of the purchase power recorded in the calculation, or there is a limit as to the amount recorded). If there is a limit, explain the basis for the limitation and how it is calculated. If there is no limit, explain the basis for including 100 percent of the purchase power costs.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment only)

The cost of purchased power included in the FAC when Duke Energy Kentucky experiences a planned generation outage is subject to a benchmark test.

The benchmark test compares the hourly \$/MWh price of purchased power to the average of the \$/MWh fuel cost of the Woodsdale station at minimum and maximum loads. If the purchased power cost in an hour exceeds the monthly benchmark price, then the cost of purchased power in that hour above the benchmark price is excluded from the FAC. The amount above the benchmark is removed in the monthly FAC filing on Schedules 2, 4, and 6 in Section B-Purchases, line description “Less purchases above highest cost units”.

Please see STAFF-DR-01-037 Confidential Attachment for an example of the benchmark calculation.

PERSON RESPONSIBLE: John D. Swez

CONFIDENTIAL PROPRIETARY TRADE SECRET

CONFIDENTIAL ATTACHMENT

STAFF-DR-01-037

FILED UNDER SEAL

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-038

REQUEST:

Explain how purchase power costs are accounted for in the calculation of the FAC when Duke Kentucky is not experiencing a generation outage but must purchase power in order to meet demand (i.e., whether the entire amount of the purchase power recorded in the calculation, or there is a limit as to the amount recorded). If there is a limit, explain the basis for the limitation and how it is calculated. If there is no limit, explain the basis for including 100 percent of the purchase power costs.

RESPONSE:

The cost of purchased power included in the FAC when Duke Energy Kentucky is not experiencing a generation outage but must purchase power in order to meet customer demand is subject to the same benchmark test described in STAFF-DR-01-037 CONF.

The benchmark test compares the hourly \$/MWh price of purchased power to the average of the \$/MWh fuel cost of the Woodsdale station at minimum and maximum loads. If the purchased power cost in an hour exceeds the benchmark price, then cost of purchased power in that hour above the benchmark price is excluded from the FAC. The amount above the benchmark is removed in the monthly FAC filing on Schedules 2, 4, and 6 in Section B-Purchases, line description "Less purchases above highest cost units".

Please see previously provided STAFF-DR-01-037 Confidential Attachment for an example of the benchmark calculation.

PERSON RESPONSIBLE: John D. Swez

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-039

REQUEST:

Provide the amount, by month, of costs excluded from recovery from the FAC related to non-economy purchases.

- a. State whether Duke Kentucky otherwise recovers the excluded costs.
- b. If Duke Kentucky does recover the excluded costs, explain in detail how those costs are recovered.

RESPONSE:

The amount of costs excluded from recovery in the FAC related to non-economy purchases benchmarked against Duke Energy Kentucky's highest cost unit calculation described in STAFF-DR-01-037 and STAFF-DR-01-038 occurred in four months out of the 24 months in this 2-year review period and are shown as follows:

<u>Month</u>	<u>Amount</u>
July 2023	\$188,973
May 2024	\$53,415
July 2024	\$1,038
August 2024	\$7,534
	<u>\$250,959</u>

- a. Duke Energy Kentucky does not recover the non-economy purchases that are excluded from the FAC.
- b. N/A

PERSON RESPONSIBLE: Libbie S. Miller

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-040

REQUEST:

Provide the amount of current FAC fuel procurement or purchase power costs that is included in Duke Kentucky's base rates.

RESPONSE:

The amount of FAC fuel procurement or purchased power costs included in Duke Energy Kentucky's base rates was approved in FAC Case No. 2023-00012 and includes \$7.3 million for fuel procurement and \$3.5 million for purchase power costs.

PERSON RESPONSIBLE: Libbie S. Miller

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-041

REQUEST:

Provide the amount of non-FAC fuel procurement or purchase power costs that are otherwise recovered in Duke Kentucky's base rates.

RESPONSE:

Duke Energy Kentucky's non-FAC fuel procurement is for non-native sales and is not recovered in base rates. These costs are shared with the customers in the PSM Rider along with the proceeds from the non-native sales.

For the period of this 2-year audit, Duke Energy Kentucky's base rates included \$1.6 million for forced outage purchase power costs not recovered in the FAC.

For the period November 2022 until October 12, 2023 Order was received in Case No. 2022-00372, actual forced outage purchased power costs in a calendar 12-month period over or under the \$1.6 million in base rates were deferred. As stated in the response to STAFF-DR-01-039, non-economy purchase power is not recovered in base rates.

PERSON RESPONSIBLE: Libbie S. Miller

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-042

REQUEST:

Provide each instance an error was made by Duke Kentucky on its FAC form A rate sheets filed during the full two-year period under review. For each instance provide:

- a. An explanation on the error and why the error was made.
- b. Duke Kentucky's actions taken to correct for the error.
- c. Revised FAC form A rate sheets showing the actual fuel related expenses and sales as if it was filed accurately.

RESPONSE:

The Company discovered one inadvertent error when compiling the data request exhibit for PJM costs in STAFF-DR-01-043.

- a. The Company had inadvertently included BLI 1980 Miscellaneous Bilateral charge in FAC Schedule 6 for June 2024 that was finalized in the October 2024 expense month filing. The Company later determined that the amount it originally charged to BLI 1980 should have been charged to BLI 1250 – Meter Error Correction, which is allocated appropriately to the FAC Rider and PSM Rider. The total amount charged to BLI 1980 (corrected to BLI 1250 on the Company's books and records) on the DEK PJM June 2024 invoice was \$34,565.29. The FAC Rider should have been charged \$34,042.54, and the PSM Rider should have been charged \$522.75. Rather, the FAC Rider was charged 100% of \$34,565.29, and the PSM Rider was charged \$0. Because of the differences between the FAC Rider and the PSM Rider, Duke Energy Kentucky customers paid 100% of \$522.75

in the FAC Rider ($\$34,565.29 - \$34,042.54 = \$522.75$) instead of paying 90% of \$522.75 in the PSM Rider ($\$522.75 \times 90\% = \470.47). The difference between the amounts in the FAC Rider and the PSM Rider is \$52.27 ($\$522.75 - \$470.47 = \52.27). The Duke Energy Kentucky customers in totality overpaid PJM Net Fuel Related Line Items in Section A of the October 2024 FAC Filing Schedule 6 by \$52.27.

b. The Company has not corrected the error.

c. Please see STAFF-DR-01-042 Attachment for a copy of the fuel cost schedule that would have been filed if the Company had corrected the error.

PERSON RESPONSIBLE: Libbie S. Miller

STAFF-DR-01-042 ATTACHMENT

UPLOADED ELECTRONICALLY ONLY

DUE TO SIZE

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

STAFF-DR-01-043

REQUEST:

State whether any PJM costs were included in Duke Kentucky's monthly FAC filings during the period under review. If yes, provide the amount of the costs by month and by type of cost.

RESPONSE:

Yes, PJM costs were included in Duke Energy Kentucky's FAC filings during the review period. Please see STAFF-DR-01-043 Attachment for PJM costs by month and type of cost.

The Company did find an error in the PJM costs included in the monthly FAC filings for the month of June 2024. Please see STAFF-DR-01-042 Attachment for more details.

PERSON RESPONSIBLE: Libbie S. Miller

STAFF-DR-01-043 ATTACHMENT

UPLOADED ELECTRONICALLY ONLY

DUE TO SIZE

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-044

REQUEST:

Explain how Duke Kentucky’s generating units are bid into PJM’s energy market and the implications for the manner in which the units are run when the unit’s bid in price is greater than the hourly locational marginal pricing (LMP). For example, if the unit is bid in as “must run” and its bid in price is greater than the hourly LMP, explain whether the unit is ramped down to its economic minimum output level or whether it is run at some level greater than that for some other reason such as balancing or voltage support.

RESPONSE:

Duke Energy Kentucky offers its units to PJM’s energy and ancillary service market for commitment and dispatch purposes based on variable production costs used for the calculation of incremental cost, no-load cost, and startup cost. These costs are comprised of the market price of fuel, reflective of market supply chain dynamics and emissions plus variable operation and maintenance costs. For purposes of clarification, “commitment” means the decision to start a generator that is offline or to maintain online output from a generator that is already online and “dispatch” means the decision to operate an already committed generator at a certain megawatt output level. Once a unit has been committed and online at least equal to its economic minimum load, Duke Energy Kentucky predominantly follows PJM dispatch signals between its economic minimum capability per the units offer and economic maximum capability per the units offer. There are times in which the Company will “self-schedule” a generator’s output with PJM under

circumstances that are required for safety, testing, plant operational requirements, or reliability reasons. During these circumstances, the unit would be dispatched at a specific loading level and would not be at the discretion of PJM for economic dispatch. When the unit is online and the unit's incremental cost offer price is greater than the LMP, under the fundamentals of economic dispatch, PJM will generally dispatch the output of the unit down between the economic maximum of the unit and economic minimum of the unit. Alternatively, when the unit is online and the unit's incremental cost offer price is less than the LMP, under the fundamentals of economic dispatch, PJM will generally dispatch the output of the unit up between the economic minimum offer for the unit and economic maximum offer for the unit. As mentioned above, there are times in which the Company will "self-schedule" a generator's output with PJM under circumstances that are required for safety, testing, plant operational requirements, or reliability reasons. During these circumstances, the unit would not be at the discretion of PJM for economic dispatch. The Company also can and does "self-schedule" or offer a unit as Must Run in order to commit the unit as most efficiently as possible, such as to ensure the unit to be committed from an offline state and to avoid uneconomic unit cycling.

PJM co-optimizes Energy and Ancillary Services; thus, the Company's generators also offer ancillary service products such as regulation, synchronized and non-synchronized reserves or secondary scheduling reserves, in addition to energy. Additionally, the Company's generators can also supply black start service and reactive reserve where applicable.

PERSON RESPONSIBLE: John D. Swez

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-045

REQUEST:

If the coal units are available, explain whether they are always bid into the energy market as “must run.” If not, then explain the circumstances under which the units are not bid in as such.

RESPONSE:

Typically, when the unit is available, East Bend is offered to PJM with a Commitment Status of Must Run. This is due to the relationship between the unit’s variable cost to operate and the PJM Energy Market revenue forecast to be received. Thus, the unit is typically “in the money” and as a result, is usually offered with a Must Run commitment status offer. In addition, due to the risk of PJM Capacity Performance penalties, when the unit is available, it is offered with a commitment status of Must Run during the Winter months of December, January, and February.

However, there are instances when the forecast of energy market price is below the units’ variable costs over an appropriate period, thus the unit is “out of the money,” the unit may be offered with an Economic commitment status offer. This was the case in 176 hours in total over the 6-month period from May 1, 2024 through October 31, 2024. Please see previously provided STAFF-DR-01-017 Confidential Attachment. Additionally, note that the unit was periodically offered with a commitment status of Economic at times during the remaining period of the 2-year review period, from November 1, 2022 through April 30, 2024. Finally, note that for coordination of unit operation due to an upcoming

unit outage, the unit may also be offered with a commitment status of Economic periodically.

PERSON RESPONSIBLE: John D. Swez

**Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025**

**CONFIDENTIAL STAFF-DR-01-046
(As to Attachments only)**

REQUEST:

In an Excel spreadsheet format with all formulas, columns, and rows unprotected and fully accessible, for the period under review and when the units are available to run,

a. Provide the bid status (i.e., economic dispatch, must-run, etc.), by day, of Duke Kentucky's coal generating units into PJM's day ahead market. Explain the reason for each bid status.

b. Provide the price per MWH, by day, of Duke Kentucky's generating units bid into PJM's day ahead market and the corresponding LMP indicating whether or not the unit cleared the market.

c. In a separate spreadsheet Tab, provide a graphical representation of the information in part b. above.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachments only)

a. Please refer to STAFF-DR-01-046(a) Confidential Attachment for the Day-Ahead Commitment Status Offer (Must Run, Economic, or Unavailable) for each Company generator, by day, and the reason for each unit's commitment status offer during the review period.

b. Please refer to STAFF-DR-01-046(b) Confidential Attachment for the price per MWH, by day, of Duke Energy Kentucky's generating units bid into PJM's day ahead market and the corresponding LMP during the review period.

c. Please refer to STAFF-DR-01-046(c) Confidential Attachment for a graphical representation of the information in part b.

PERSON RESPONSIBLE: John D. Swez

CONFIDENTIAL PROPRIETARY TRADE SECRET

CONFIDENTIAL ATTACHMENT

STAFF-DR-01-046(a)

FILED UNDER SEAL

CONFIDENTIAL PROPRIETARY TRADE SECRET

CONFIDENTIAL ATTACHMENT

STAFF-DR-01-046(b)

FILED UNDER SEAL

CONFIDENTIAL PROPRIETARY TRADE SECRET

CONFIDENTIAL ATTACHMENT

STAFF-DR-01-046(c)

FILED UNDER SEAL

Duke Energy Kentucky
Case No. 2025-00342
STAFF First Request for Information
Date Received: December 19, 2025

STAFF-DR-01-047

REQUEST:

For the period under review, explain whether when the units are not on a planned, maintenance, or forced outage, PJM considers the units as being in available status. If not, explain the circumstances under which the units would not be considered in available status.

RESPONSE:

There are four commitment status offers available for a resource offer in the PJM Energy Market; Economic, Emergency, Must Run, and Unavailable. Therefore, if a unit is not offered as Unavailable due to either a planned outage, a maintenance outage, or a forced outage, the unit is available and would be offered as either Economic, Emergency, or Must Run. Duke Energy Kentucky did not use the Emergency commitment status offer during this review period; thus, the Company used either a Must Run or Economic commitment status offer for all available resources.

PERSON RESPONSIBLE: John D. Swez