


VERIFICATION

STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The undersigned, Amy B. Spiller, State President of Duke Energy Ohio, Inc. and its subsidiary, Duke Energy Kentucky, Inc., 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.



Amy B. Spiller, Affiant

Subscribed and sworn to before me by Amy B. Spiller, on this 1st day of March, 2023.



NOTARY PUBLIC

My Commission Expires: July 8, 2027



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

VERIFICATION

STATE OF OHIO)
) **SS:**
COUNTY OF HAMILTON)

The undersigned, Bruce Sailers, Director Jurisdictional Rate Administration, 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.



Bruce Sailers Affiant

Subscribed and sworn to before me by Bruce Sailers on this 1st day of March, 2023.



NOTARY PUBLIC

My Commission Expires: July 8, 2027



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

VERIFICATION

STATE OF INDIANA

)

SS:

)

COUNTY OF

)

The undersigned, Cormack C. Gordon, Director Transportation Electrification, 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.


Cormack C. Gordon Affiant

Subscribed and sworn to before me by Cormack C. Gordon on this 23 day of February, 2023.


NOTARY PUBLIC

My Commission Expires: 3/26/27


KARA LYNNE LUKEHART
NOTARY PUBLIC
LINCOLN COUNTY, NC
My Commission Expires 3/26/27



VERIFICATION

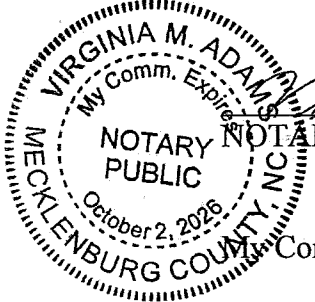
STATE OF NORTH CAROLINA)
)
COUNTY OF MECKLENBURG) **SS:**

The undersigned, Christopher Bauer, Director Corporate Finance – Asset Treasurer, 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.



Christopher Bauer Affiant

Subscribed and sworn to before me by Christopher Bauer on this 21 day of Feb., 2023.

_____
NOTARY PUBLIC
Commission Expires: 10/2/26

VERIFICATION

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

The undersigned, Danielle L. Weatherston, Manager Accounting II, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing supplemental data requests, and that the answers contained therein are true and correct to the best of her knowledge, information and belief.

Danielle L. Weatherston
Danielle L. Weatherston, Affiant

Subscribed and sworn to before me by Danielle L. Weatherston on this 24 day of February, 2023.

Virginia M. Adams
NOTARY PUBLIC
NOTARY PUBLIC
MECKLENBURG COUNTY, NC
My Commission Expires: October 2, 2025

VERIFICATION

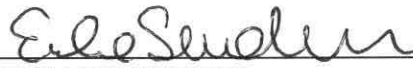
STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The undersigned, Dominic Melillo, Director Asset Management, 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.



Dominic Melillo Affiant

Subscribed and sworn to before me by Dominic Melillo on this 1st day of March, 2023.



NOTARY PUBLIC

My Commission Expires: July 8, 2027



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

VERIFICATION

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

The undersigned, Jacob Colley, Director Customer Services Strategy, 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.

Jacob S. Colley
Jacob Colley Affiant

Subscribed and sworn to before me by Jacob Colley on this 24th day of FEBRUARY, 2023.

Annette
NOTARY PUBLIC

Annette Djohou
NOTARY PUBLIC
Mecklenburg County, NC

My Commission Expires: 01/02/2024

VERIFICATION

STATE OF North Carolina)
)
COUNTY OF Lincoln) SS:

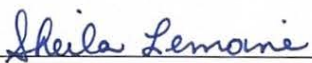
The undersigned, Jacob Stewart, Director Health & Wellness, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information and belief.



Jacob Stewart Affiant

Subscribed and sworn to before me by Jake Stewart on this 23 day of February 2023.





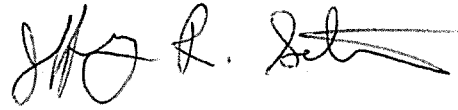
NOTARY PUBLIC Sheila Lemoine

My Commission Expires: July 21, 2024

VERIFICATION

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

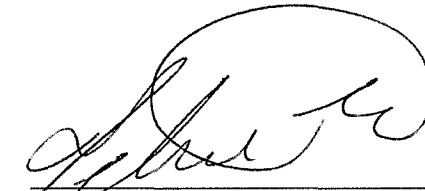
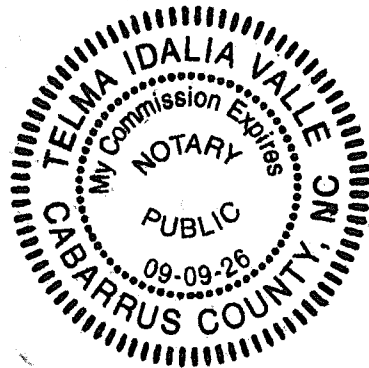
The undersigned, Jeffrey R. Setser, Director of Allocations and Reporting, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information and belief.



Jeffrey R. Setser Affiant

Subscribed and sworn to before me by Jeffrey R. Setser on this 21 day of

February, 2023.


NOTARY PUBLIC

My Commission Expires: 9-9-2026

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

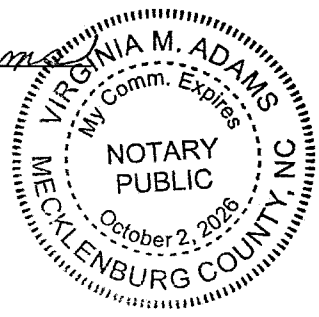
The undersigned, John R. Panizza, Director, Tax Operations, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information and belief.

John R. Panizza
John R. Panizza Affiant

Subscribed and sworn to before me by John R. Panizza on this 21 day of Feb, 2023.

Virginia M. Adams
NOTARY PUBLIC

Oct. 2, 2024
My Commission Expires:



VERIFICATION

COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF CUMBERLAND)

The undersigned, John J. Spanos, President of Gannett Fleming Valuation and Rate Consultants, LLC, 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 J. Spanos Affiant

Subscribed and sworn to before me by John J. Spanos on this 16th day of February, 2023.



NOTARY PUBLIC


My Commission Expires: February 20, 2027

Commonwealth of Pennsylvania - Notary Seal
Cheryl Ann Rutter, Notary Public
Cumberland County
My commission expires February 20, 2027
Commission number 1143028
Member, Pennsylvania Association of Notaries

VERIFICATION

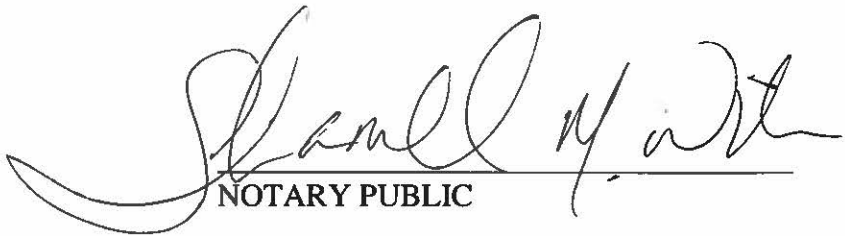
STATE OF NORTH CAROLINA)
)
COUNTY OF MECKLENBURG) **SS:**

The undersigned, John 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



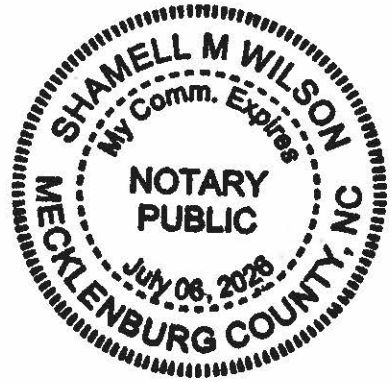
John Swez Affiant

Subscribed and sworn to before me by John Swez on this 21 day of February
2023.



NOTARY PUBLIC

My Commission Expires:



VERIFICATION

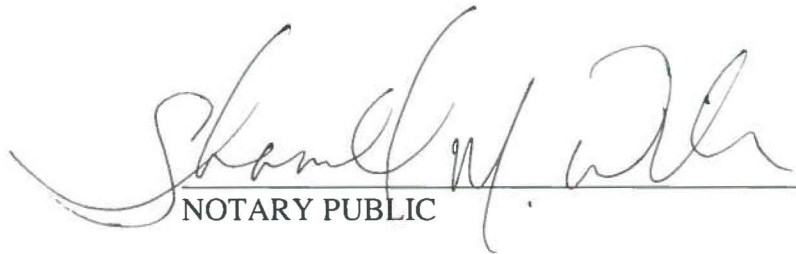
STATE OF NORTH CAROLINA)
) SS:
COUNTY OF MECKLENBURH)

The undersigned, Kimberly 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.



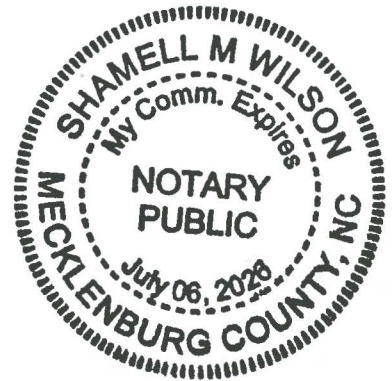
Kimberly Hughes Affiant

Subscribed and sworn to before me by Kimberly Hughes on this 22 day of February, 2023.



NOTARY PUBLIC

My Commission Expires:



VERIFICATION

STATE OF OHIO)
) **SS:**
COUNTY OF HAMILTON)

The undersigned, Lisa Steinkuhl, Director Rates & Regulatory Planning, 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.



Lisa Steinkuhl Affiant

Subscribed and sworn to before me by Lisa Steinkuhl on this 28th day of February, 2023.



NOTARY PUBLIC

My Commission Expires: July 8, 2027




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

VERIFICATION

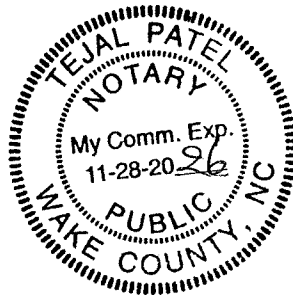
STATE OF North Carolina)
COUNTY OF Orange) SS:

The undersigned, Max W. McClellan, Lead Load Forecasting Analyst, 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



Max W. McClellan Affiant

Subscribed and sworn to before me by Max W. McClellan on this 21 day of February, 2023.





NOTARY PUBLIC

My Commission Expires: November 28, 2026


VERIFICATION

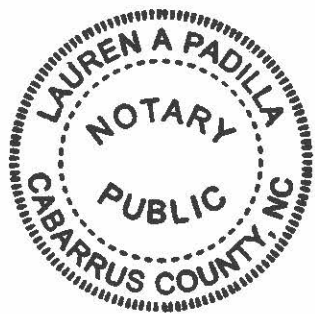
STATE OF NORTH CAROLINA)
)
COUNTY OF MECKLENBURG) **SS:**

The undersigned, Paul Halstead, Director Jurisdictional Rate Administration, 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


_____ Paul Halstead Affiant

Subscribed and sworn to before me by Paul Halstead on this 23 day of February, 2023.


_____ NOTARY PUBLIC



My Commission Expires: 3/3/27

VERIFICATION

COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF BERKS)

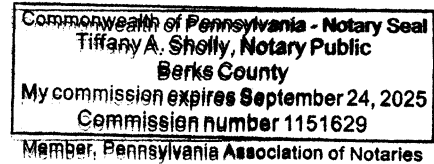
The undersigned, Paul Normand, Principal, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information and belief

Paul Normand
Paul Normand Affiant

Subscribed and sworn to before me by Paul Normand on this 21st day of FEB,
2023.

Tiffany A. Sholly
NOTARY PUBLIC

My Commission Expires: 9-24-25

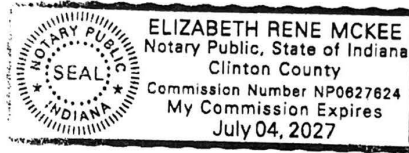


VERIFICATION

STATE OF INDIANA)

CLINTON)
COUNTY OF ~~TIPPECANOE~~)

SS:



The undersigned, Retha Hunsicker, VP Customer Connect-Solutions, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing data request and that it is true and correct to the best of her knowledge, information and belief.


Retha Hunsicker Affiant

Subscribed and sworn to before me by Retha Hunsicker on this 23 day of February, 2023.

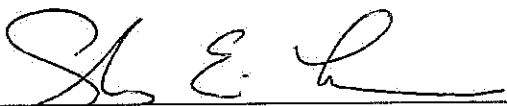

NOTARY PUBLIC

My Commission Expires: July 4, 2027

VERIFICATION

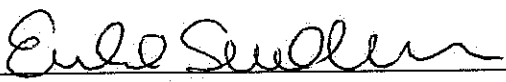
STATE OF OHIO)
)
COUNTY OF HAMILTON) SS:

The undersigned, Sarah E. Lawler, VP Rates & Regulatory Strategy OH/KY, 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



Sarah E. Lawler Affiant

Subscribed and sworn to before me by Sarah E. Lawler on this 1ST day of march, 2023.



NOTARY PUBLIC

My Commission Expires: July 8, 2027

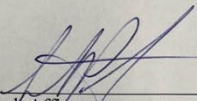


EMILIE SUNDERMAN
Notary Public
State of Ohio
My Comm. Expires
July 8, 2027

VERIFICATION

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

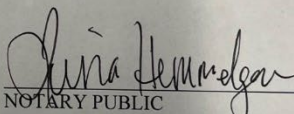
The undersigned, Scott Park, Managing Director IRPI & Analytics, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information and belief



Scott Park Affiant

Subscribed and sworn to before me by Scott Park on this 24th day of February 2023.





NOTARY PUBLIC

My Commission Expires: 11/12/26

STATE OF NORTH CAROLINA)

) SS:

COUNTY OF MECKLENBURG)

The undersigned, Grady S. Carpenter III, Director Regional Financial Forecasting, 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.

Grady S. Carpenter III

Grady S. Carpenter III Affiant

Subscribed and sworn to before me by Grady S. Carpenter III on this 24 day of

February 2023.

Stephen R. Smith
NOTARY PUBLIC

Stephen R Smith
NOTARY PUBLIC
Cabarrus County, NC
My Commission Expires July 27, 2025

My Commission Expires:

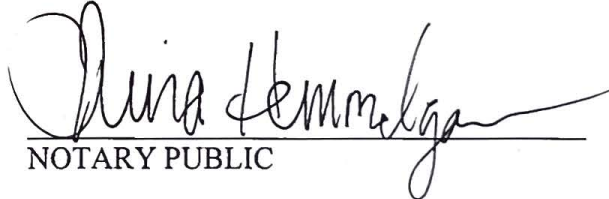
VERIFICATION

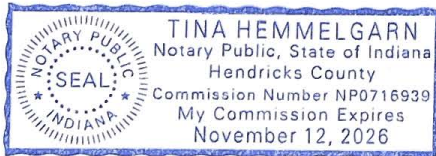
STATE OF INDIANA)
) SS:
COUNTY OF HENDRICKS)

The undersigned, William C. Luke, VP Midwest Generation, 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.


William C. Luke, Affiant

Subscribed and sworn to before me by William C. Luke on this 27th day of February, 2023.


NOTARY PUBLIC

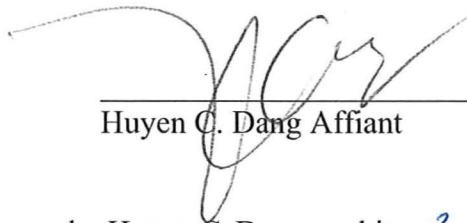


My Commission Expires: 11/12/26

VERIFICATION

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

The undersigned, Huyen C. Dang, Director of Accounting, 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.



Huyen C. Dang Affiant

Subscribed and sworn to before me by Huyen C. Dang on this 2 day of March,
2023.




NOTARY PUBLIC
My Commission Expires: 10/2/26

KyPSC Case No. 2022-00372
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Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-001

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request for Information ("Attorney General's First Request"), Item 3(b). Provide the annual general wage increase for union employees when the new collective bargaining agreement for 2023 is finalized. Consider this an ongoing request throughout the pendency of the case.

RESPONSE:

The current UWUA collective bargaining agreement expires on March 31, 2023. We estimate knowing the outcome of the new contract, pending negotiations with and ratification by the union, by late April 2023.

PERSON RESPONSIBLE: Jacob J. Stewart

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-002

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 4. Confirm that no vacant position costs are included in the proposed revenue requirement in the pending case. If this is not confirmed, explain what vacant position costs are included in the proposed revenue requirement, along with the job title(s), salary/wage/benefit amounts, necessity of the position(s), date the job(s) was created and vacated, explanation as to why the position(s) is currently vacant, and an estimated date as to when the position(s) will be filled.

RESPONSE:

The Company budgets for the expected costs required to perform necessary work and also recognizes there is always some amount of vacancy and hiring occurring related to natural attrition as part of normal operations. The Company accounts for this normal level of attrition through a budget credit based on a percentage of total labor cost at a department level based on historical attrition levels. The proposed revenue requirement includes this credit as a reduction to labor costs.

PERSON RESPONSIBLE: Grady "Tripp" S. Carpenter

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-003

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 5(ii.).

a. Explain why Duke Kentucky has 838 manual read meters in its system, and if there are plans to replace these meters with Advanced Metering Infrastructure ("AMI") meters. Include in the response whether these customers requested manual read meters instead of AMI meters, and if these customers are required to pay a fee for the manual read meters.

b. Explain why Duke Kentucky has 99 Automated Meter Reading ("AMR") meters in its system, and if there are plans to replace these meters with AMI meters. Include in the response if these customers requested AMR meters instead of AMI meters, and if these customers are required to pay a fee for the AMR meters.

c. Explain how the Itron Enterprise Edition meters for large industrial and commercial customers are read over the phone line.

d. Explain whether any cost savings associated with the AMI project have been included in the pending case. If so, identify the cost savings along with a description of each. If not, explain in detail why not.

RESPONSE:

a. After further review, Duke Energy Kentucky has 647 manual read electric meters. The Company's AMI Operations team is looking at the non-AMI meters in all jurisdictions to see what meters can and should be changed to AMI. Some of these

customers requested to opt out from an AMI meter. Those customers that requested to opt out are required to pay a fee, but those customers that did not request to opt out are not required to pay a fee.

b. AMR meters were installed because the AMI cell/mesh technology would not function in these specific locations, and the AMR technology would function. There are not plans to replace these meters with AMI meters because the AMI technology does not work at these locations. Some of the AMR customers requested to opt out from an AMI meter. Those customers that requested to opt out are required to pay a fee, but those customers that did not request to opt out are not required to pay a fee.

c. Itron Enterprise Edition meters use dial-up through modems on the Duke Energy side, to cellular modems and land lines on the meter side, to collect meter readings.

d. Cost savings associated with the AMI project included in this pending case are based on actual savings that have been achieved in the reduction of actual expenses.

In Case No. 2016-00152, the Company provided semi-annual reports of actual costs incurred for the AMI deployment as compared against the projected cost benefit analysis. The reports also provided various non-financial metrics of benefits achieved during deployment. The last report in that case was filed on July 23, 2020 as the AMI deployment was completed in December 2018. The Company no longer tracks benefits related to the AMI deployment.

PERSON RESPONSIBLE: Dominic “Nick” J. Melillo – a. thru c.
Lisa D. Steinkuhl – d.

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-004

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 11(a).

a. Confirm that Duke Kentucky does not have a utility office in Kentucky open to customers to pay bills, obtain customer service, etc. If not confirmed, explain why not in detail.

b. Duke Kentucky asserts that it posts and maintains regular business hours, has representatives who are available to assist customers, and designated representatives to negotiate payment plans. Explain whether these services are available at a Kentucky office location, or only at the Ohio headquarters.

c. Duke Kentucky asserts that it maintains system maps, and keeps records that are available to the Commission Staff upon reasonable notice at all reasonable hours. Explain whether these maps and records are kept at a Kentucky office location, or only at the Ohio headquarters.

RESPONSE:

a. Objection. This request is vague, and calls for speculation and guess work as the term "etc.," is undefined, and is impossible to draft a response. Moreover, this request assumes that Kentucky regulations require the utility to physically offer these services in Kentucky. Without waiving said objection, and to the extent discoverable, Duke Energy Kentucky confirms it does not have a "utility office in Kentucky open to customers to pay

bills, obtain service.” However, Duke Energy Kentucky currently maintains approximately 70 pay agent locations in Kentucky where customers can appear in person to pay their bill. Duke Energy Kentucky also maintains a utility office in Kentucky where customer may go to review filings and tariffs. Employees at that facility have information to connect the customer with employees who can directly answer account-specific questions.

b. See response to STAFF-DR-03-002 and STAFF-DR-03-003. Duke Energy Kentucky transitioned from offering walk-in pay locations on September 10, 2009, as was reported to the Commission by letter dated August 26, 2009. The Company reported on this as part of its annual merger reporting updates in Case No. 2005-00228, for calendar years 2010, 2011, and 2012, which are on file with the Commission. Additionally, as the Company explained in its Exhibit L, pg. 49, Direct Testimony of Julie Janson, President of Duke Energy Kentucky in Case No. 2011-00124, “Duke Energy Kentucky closed its walk-in customer service office in 2009 as part of its implementation of best practices and in consideration of employee safety. To mitigate the impact of the closure on customer service, the Company increased the number of local pay stations throughout its service territory and implemented new electronic bill payment alternatives for its customers...”

Please see the Direct Testimony of Amy B. Spiller, pg. 5, in this proceeding for a description of Duke Energy Kentucky’s Electric operations, including its facilities used to provide service to customers. The Company uses its Erlanger construction and maintenance facility as its primary Kentucky location and for customers to review tariffs and filings. Ms. Spiller’s Direct Testimony further describes the Company’s pay-agent networks, which includes locations in the Duke Energy Kentucky service area where customers can make cash, check, or money order payments. These locations are found in

establishments where customers typically conduct other business, such as grocery stores, pharmacies, convenience stores, and larger retailers.

c. Duke Energy Kentucky maintains this information electronically and it can be made available upon request to the Commission where the Commission requests.

PERSON RESPONSIBLE: As to Objection, Legal
As to Response, Amy B. Spiller

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-005

REQUEST:

Refer to Amy B. Spiller's Testimony ("Spiller Testimony"), at 12. Ms. Spiller states that since 2016, Duke Kentucky and the Duke Energy Foundation have contributed over \$4 million in shareholders dollars to Kentucky charitable organizations. Identify the Kentucky charitable organizations that Duke Kentucky and the Duke Energy Foundation have contributed to since 2016, along with the corresponding donation amount.

RESPONSE:

Please see AG-DR-02-005 Attachment.

PERSON RESPONSIBLE: Amy B. Spiller

| Organization Information | Submitted/Request Date | Project Title | Proposal Type | Request Paid Amount |
|--|------------------------|---|---|---------------------|
| FUND FOR THE ARTS INC 623 W MAIN STREET LOUISVILLE KY 40202-2978 US | 01/26/2016 | Fund for the Arts 5x5 Program | Local Community Development | \$ 9,000 |
| GRANT COUNTY HIGH SCHOOL 715 WARSAW RD. DRY RIDGE KY 41035 US | 02/19/2016 | Mobile Renewable Energy Classroom | Education -- STEM | \$ 15,000 |
| ROBERT D JOHNSON ELEMENTARY 1180 N FT THOMAS AVE FORT THOMAS KY 41075 1111 US | 02/01/2016 | Makerspace Expansion | Local Community Development | \$ 3,500 |
| GOVERNOR'S SCHOLARS PROGRAM FOUNDATION, INC. 1024 CAPITAL CENTER DRIVE SUITE 210 FRANKFORT KY 40601-7514 US | 02/10/2016 | Governor's Scholars Program | Education -- STEM | \$ 10,000 |
| PRICHARD COMMITTEE FOR ACADEMIC EXCELLENCE AKA: PRICHARD COMMITTEE FOR ACADEMIC EXCELLENCE 2285 EXECUTIVE DRIVE, SUITE 120 LEXINGTON KY 40505 US | 02/03/2016 | Northern Kentucky Governor's Commonwealth Institute for Parent Leadership | Local Community Development | \$ 5,000 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 02/29/2016 | Early Childhood Education | Education -- Literacy | \$ 25,000 |
| BOONE COUNTY BOARD OF EDUCATION 8330 US 42 FLORENCE KY 41042 9286 US | 02/25/2016 | Boone County Schools Student Energy Teams/STEM Best Practices | Education -- STEM | \$ 10,000 |
| NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC AKA: NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC LUCAS ADMINISTRATION CENTER 822 HIGHLAND HEIGHTS KY 41099 US | 02/25/2016 | The Next Generation STEM Classroom - Middle School Program Support | Education -- STEM | \$ 75,000 |
| NORTHERN KENTUCKY EDUCATION COUNCIL INC 7310 TURFWAY SUITE 115 FLORENCE KY 41042 US | 02/29/2016 | One to One: Practicing Reading and Math with Students | Education -- STEM | \$ 25,000 |
| RABBIT HASH HISTORICAL SOCIETY, INC. 11646 LOWER RIVER RD UNION KY 41091 US | 03/02/2016 | Restore Rabbit Hash General Store | Community Impact | \$ 25,000 |
| THOMAS MORE UNIVERSITY AKA: THOMAS MORE COLLEGE 333 THOMAS MORE PARKWAY CRESTVIEW HILLS KY 41017 US | 02/24/2016 | Water Quality Research and STEM Outreach at the Biology Field Station | Environment | \$ 125,000 |
| NORTHERN KENTUCKY EDUCATION COUNCIL INC 7310 TURFWAY SUITE 115 FLORENCE KY 41042 US | 02/29/2016 | NaviGo Scholars | Education -- STEM | \$ 14,100 |
| NORTHERN KENTUCKY COMMUNITY ACTION COMMISSION 717 MADISON AVE COVINGTON KY 41011-2479 US | 02/29/2016 | Lincoln Grant Scholar House Children's Library/Study Center Project | Education -- STEM | \$ 7,500 |
| SOUTHERN ELEMENTARY PTO INC 320 FAIRGROUNDS RD FALMOUTH KY 41040-1368 US | 04/27/2016 | (None) | Internal Proposal - Administrators Only | \$ 1,500 |
| CITY OF CRESCENT SPRINGS 739 BUTTERMILK PIKE CRESCENT SPRINGS KY 41017 US | 06/06/2016 | CS Park Tree Replacement | Local Community Development | \$ 3,000 |
| NEWPORT MILLENNIUM HOUSING CORPORATION III AKA: NEWPORT MILLENNIUM HOUSING CORPORATION III 30 EAST 8TH STREET NEWPORT KY 41071 US | 06/13/2016 | Weingartner | Local Community Development | \$ 4,000 |
| NEWPORT POLICE DEPT. 998 MONMOUTH ST NEWPORT KY 41071-2115 US | 06/09/2016 | Tactical Robot Development | Local Community Development | \$ 9,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 06/30/2016 | Second Sights Spirits Experience | Urban Revitalization | \$ 20,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 06/30/2016 | Marianne Theater | Urban Revitalization | \$ 40,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 06/30/2016 | Holzhauser Drug Store Historic Rehab | Urban Revitalization | \$ 25,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 06/30/2016 | Gomez Salsa Covington/701 & 801 Madison | Urban Revitalization | \$ 20,000 |
| CENTER FOR GREAT NEIGHBORHOODS 321 MLK BLVD./W. 12TH STREET COVINGTON KY 41011 US | 06/30/2016 | Homes for Makers | Urban Revitalization | \$ 30,000 |
| BIOLOGIC COLABORATION INC 632 RUSSELL STREET COVINGTON KY 41011 US | 07/15/2016 | Innovation Alleyway Project | Local Community Development | \$ 2,500 |
| THE CITY OF COVINGTON 20 WEST PIKE STREET COVINGTON KY 41011 US | 07/15/2016 | Reforest the Westside | Local Community Development | \$ 2,000 |

| Organization Information | Submitted/Request Date | Project Title | Proposal Type | Request Paid Amount |
|---|------------------------|---|---|---------------------|
| THE BOYS AND GIRLS CLUBS, INC. DBA BOYS & GIRLS CLUBS OF KENTUCKIANA 3900 CRITTENDEN DR LOUISVILLE KY 40209-1126 US | 08/09/2016 | STEM Programming- Solving Mathematics Word Problems | Education -- STEM | \$ 3,000 |
| COVINGTON PARTNERS AKA: COVINGTON PARTNERS IN PREVENTION P.O. BOX 0426 COVINGTON KY 41012-0426 US | 08/05/2016 | Lego Robotics | Local Community Development | \$ 5,630 |
| THOMAS MORE UNIVERSITY AKA: THOMAS MORE COLLEGE 333 THOMAS MORE PARKWAY CRESTVIEW HILLS KY 41017 US | 08/31/2016 | Water Quality Research at the Biology Field Station | Environment | \$ 50,000 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 08/31/2016 | Service Learning | Environment | \$ 5,000 |
| BOONE COUNTY SCHOOLS DISTRICT HIGH SCHOOL ROBOTICS PROGRAM 8330 US 42 FLORENCE KY 41042 9286 US | 12/06/2016 | Boone County Schools District High Schools Robotics Program, PiBotics Team FRC 3814 | Local Community Development | \$ 2,370 |
| FORT THOMAS DEVELOPMENT CORPORATION 1407 GRAND AVENUE NEWPORT KY 41075 US | 12/08/2016 | Highland Park Trails | Local Community Development | \$ 2,000 |
| BE CONCERNED INC AKA: BE CONCERNED INC 1100 PIKE ST. COVINGTON KY 41011 US | 12/03/2016 | Technology package upgrade | Local Community Development | \$ 7,500 |
| PRICHARD COMMITTEE FOR ACADEMIC EXCELLENCE AKA: PRICHARD COMMITTEE FOR ACADEMIC EXCELLENCE 2285 EXECUTIVE DRIVE, SUITE 120 LEXINGTON KY 40505 US | 01/06/2017 | Northern Kentucky Governor's Commonwealth Institute for Parent Leadership | Local Community Development | \$ 7,500 |
| KENTON COUNTY SHERIFF'S OFFICE (KY) 303 COURT STREET, SUITE 409 COVINGTON KY 41011-1628 US | 01/12/2017 | RECON Robot Development | Local Community Development | \$ 9,700 |
| NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC AKA: NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC LUCAS ADMINISTRATION CENTER 822 HIGHLAND HEIGHTS KY 41099 US | 02/27/2017 | The Next Generation STEM Classroom - Middle School Program Support | Education -- STEM | \$ 75,000 |
| SOCIETY OF ST VINCENT DE PAUL 2655 CRESCENT SPRINGS PIKE ERLANGER KY 41017-1504 US | 01/12/2017 | MLK Day of Service - St. Vincent De Paul of Northern KY (Crescent Springs) | Internal Proposal - Administrators Only | \$ 1,000 |
| SOCIETY OF ST VINCENT DE PAUL 2655 CRESCENT SPRINGS PIKE ERLANGER KY 41017-1504 US | 01/12/2017 | MLK Day of Service - St. Vincent De Paul of Northern KY (Florence) | Internal Proposal - Administrators Only | \$ 1,000 |
| REDWOOD SCHOOL & REHABILITATION CENTER INC AKA: REDWOOD SCHOOL & REHABILITATION CENTER, INC. 71 ORPHANAGE ROAD FT. MITCHELL KY 41017 US | 02/22/2017 | Vocational Day Training Improvement Project | Workforce Development | \$ 5,000 |
| THE POINT/ARC OF NORTHERN KY 104 W PIKE ST COVINGTON KY 41011-2310 US | 02/27/2017 | Social Communication & Educational Center | Workforce Development | \$ 4,800 |
| WOMEN WITH WINGS INC 1289 BRIGHTLEAF BLVD ERLANGER KY 41018-3806 US | 01/31/2017 | MLK Day of Service Grant - Donna Burns | Internal Proposal - Administrators Only | \$ 500 |
| NORTHERN KENTUCKY COMMUNITY ACTION COMMISSION 717 MADISON AVE COVINGTON KY 41011-2479 US | 02/23/2017 | Lincoln Grant Scholar House Start-up Project | Workforce Development | \$ 20,000 |
| GIRL SCOUTS OF KENTUCKY'S WILDERNESS ROAD WILDERNESS ROAD COUNCIL INC LEXINGTON KY 40505-0000 US | 02/27/2017 | Girl Scout STEM Program | Education -- STEM | \$ 3,000 |
| NORTHERN KENTUCKY CHAMBER OF COMMERCE FOUNDATION 300 BUTTERMILK PIKE STE 330 FT. MITCHELL KY 41017-3924 US | 02/16/2017 | Tri Ed Economic Development Grant | Internal Proposal - Administrators Only | \$ - |
| GATEWAY COMMUNITY AND TECHNICAL COLLEGE FOUNDATION INCORPORATED 500 TECHNOLOGY WAY FLORENCE KY 41042-3224 US | 02/28/2017 | Raise the Floor - Women in Manufacturing | Workforce Development | \$ 25,000 |
| BOONE COUNTY BOARD OF EDUCATION 8330 US 42 FLORENCE KY 41042 9286 US | 02/27/2017 | Boone County School Student Energy Teams/STEM Clubs | Education -- STEM | \$ 10,000 |
| CAMPBELL COUNTY BOARD OF EDUCATION 101 ORCHARD ALEXANDRIA KY 41001 1223 US | 02/23/2017 | STEM Problem Based Learning Project | Education -- STEM | \$ 7,500 |
| BRIGHTON CENTER, INC. 741 CENTRAL AVE. NEWPORT KY 41071-1222 US | 02/27/2017 | Brighton Center's Center for Employment Training | Workforce Development | \$ 10,000 |
| NORTHERN KENTUCKY AREA DEVELOPMENT DISTRICT P.O. BOX 171 FALMOUTH KY 41040 US | 02/27/2017 | Pendleton County Adult Workforce and Website Development | Workforce Development | \$ 8,000 |
| NORTHERN KENTUCKY EDUCATION COUNCIL INC 7310 TURFWAY SUITE 115 FLORENCE KY 41042 US | 02/28/2017 | One to One: Practicing Reading and Math with Students | Education -- Literacy | \$ 25,000 |
| KENTON COUNTY PUBLIC LIBRARY 2171 CHAMBER CENTER DR LAKESIDE PARK KY 41017-1664 US | 02/28/2017 | Makerspace/STREAM of Learning Center | Education -- STEM | \$ 10,000 |
| NORTHERN KENTUCKY EDUCATION COUNCIL INC 7310 TURFWAY SUITE 115 FLORENCE KY 41042 US | 02/28/2017 | NaviGo Scholars | Education -- STEM | \$ 14,400 |

| Organization Information | Submitted/Request Date | Project Title | Proposal Type | Request Paid Amount |
|--|------------------------|--|---|---------------------|
| FORWARD QUEST, INC. DBA SKYWARD 50 E RIVERCENTER BLVD STE 465 COVINGTON KY 41011-1660 US | 03/06/2017 | Tri Ed Economic Development Grant | Internal Proposal - Administrators Only | \$ 50,000 |
| PENDLETON COUNTY FISCAL COURT 233 MAIN ST FALMOUTH KY 41040 US | 03/15/2017 | Computer update for Pendleton County | Local Community Development | \$ 5,500 |
| DAYTON HIGH SCHOOL AKA: DAYTON HIGH SCHOOL 200 GREENDEVIL LANE DAYTON KY 41074 US | 03/29/2017 | Dayton Independent Schools | Internal Proposal - Administrators Only | \$ 25,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/31/2017 | Dayton Sixth and Vine Project | Urban Revitalization | \$ 51,300 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/31/2017 | Newport Food Port | Urban Revitalization | \$ 18,200 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/31/2017 | Road ID | Urban Revitalization | \$ 50,000 |
| THE CARNEGIE 1028 SCOTT BLVD. COVINGTON KY 41011-3132 US | 05/12/2017 | Arts Integration Workshops | Community Impact | \$ 1,000 |
| STAGE RIGHT THEATRE COMPANY 121 HIGH ST WILLIAMSTOWN KY 41097-1005 US | 05/24/2017 | Rising Stars Academy | Community Impact | \$ 1,000 |
| THOMAS MORE UNIVERSITY AKA: THOMAS MORE COLLEGE 333 THOMAS MORE PARKWAY CRESTVIEW HILLS KY 41017 US | 08/31/2017 | Transforming the Field Station into a Learning, Living Environment | Environment | \$ 49,910 |
| LIFE LEARNING CENTER INC AKA: LIFE LEARNING CENTER INC 20 WEST 18TH STREET COVINGTON KY 41011 US | 09/05/2017 | ERG Grant | Internal Proposal - Administrators Only | \$ 830 |
| CITY OF CRESCENT SPRINGS, KY 739 BUTTERMILK PIKE CRESCENT SPRINGS, KY 41017 CRESCENT SPRINGS KY 41017 US | 09/15/2017 | Japanese Honeysuckle Removal Project | Environment | \$ 5,000 |
| CHARLES H. KELLY ELEMENTARY SCHOOL AKA: CHARLES H. KELLY ELEMENTARY SCHOOL 6775 MCVILLE ROAD BURLINGTON KY 41005 US | 10/16/2017 | East Bend Station Grants | Internal Proposal - Administrators Only | \$ 5,000 |
| GRAY MIDDLE SCHOOL 10400 US 42 HWY UNION KY 41091 US | 10/16/2017 | East Bend Station Grants | Internal Proposal - Administrators Only | \$ 3,000 |
| BOONE COUNTY SHERIFF'S DEPARTMENT 3000 CONRAD BURLINGTON KY BURLINGTON KY 41005 US | 10/19/2017 | East Bend Station Grants | Internal Proposal - Administrators Only | \$ 2,000 |
| JUNIOR ACHIEVEMENT OF KENTUCKIANA INC AKA: JUNIOR ACHIEVEMENT OF KENTUCKIANA, INC. 1401 W. MUHAMMAD ALI BLVD. LOUISVILLE KY 40203 US | 04/20/2018 | Junior Achievement Work Readiness Programs for Southern Indiana High School Students | Local Community Development | \$ 5,000 |
| DISABLED AMERICAN VETERANS CHARITABLE SERVICE TRUST 3725 ALEXANDRIA PIKE COLD SPRING KY 41076-1712 US | 11/30/2017 | Veterans Day Event | Internal Proposal - Administrators Only | \$ 500 |
| NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC AKA: NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC LUCAS ADMINISTRATION CENTER 822 HIGHLAND HEIGHTS KY 41099 US | 02/06/2018 | Next Generation STEM Classroom - Middle School Program Support | Education -- STEM | \$ 50,000 |
| NORTHERN KENTUCKY COOPERATIVE FOR EDUCATIONAL SERVICES 5516 EAST ALEXANDRIA PIKE COLD SPRING KY 41076 US | 02/28/2018 | Northern Kentucky High School Pipeline to College and Careers | Workforce Development | \$ 25,000 |
| EMERGENCY COLD SHELTER OF NORTHERN KENTUCKY, INC AKA: EMERGENCY COLD SHELTER OF NORTHERN KENTUCKY, INC 634 SCOTT STREET COVINGTON KY 41011 US | 01/26/2018 | MLK Day of Service- Emergency Shelter of Northern Kentucky | Internal Proposal - Administrators Only | \$ 1,000 |
| BRIGHTON CENTER, INC. 741 CENTRAL AVE. NEWPORT KY 41071-1222 US | 02/28/2018 | Youth/Young Adult Career Connections | Workforce Development | \$ 7,500 |
| NORTHERN KENTUCKY EDUCATION COUNCIL INC 7310 TURFWAY SUITE 115 FLORENCE KY 41042 US | 02/28/2018 | One to One | Education -- Literacy | \$ 15,000 |
| LIFE LEARNING CENTER INC AKA: LIFE LEARNING CENTER INC 20 WEST 18TH STREET COVINGTON KY 41011 US | 02/27/2018 | Summer Rise | Workforce Development | \$ 10,000 |
| BOONE COUNTY BOARD OF EDUCATION 8330 US 42 FLORENCE KY 41042 9286 US | 02/27/2018 | Boone County Schools Student Energy Teams/STEM Best Practices | Education -- STEM | \$ 10,000 |
| GATEWAY COMMUNITY AND TECHNICAL COLLEGE FOUNDATION INCORPORATED 500 TECHNOLOGY WAY FLORENCE KY 41042-3224 US | 03/12/2018 | Pathways to Career and College | Workforce Development | \$ 10,000 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 02/28/2018 | Duke Energy NaviGo Scholars | Education -- STEM | \$ 10,000 |

| Organization Information | Submitted/Request Date | Project Title | Proposal Type | Request Paid Amount |
|--|------------------------|--|---|---------------------|
| NORTHERN KENTUCKY AREA DEVELOPMENT DISTRICT 22 SPIRAL DRIVE FLORENCE KY 41042 US | 02/28/2018 | Kentucky Career Center-Covington | Workforce Development | \$ 15,000 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 02/28/2018 | Service Learning Program | Environment | \$ 10,000 |
| US CATHOLIC CONFERENCE - VILLA MADONNA ACADEMY AKA: VILLA MADONNA ACADEMY 2500 AMSTERDAM ROAD VILLA HILLS KY 41017 US | 03/28/2018 | School of the Week: Villa Madonna Academy | Internal Proposal - Administrators Only | \$ 1,000 |
| BOONE COUNTY SCHOOLS DISTRICT HIGH SCHOOL ROBOTICS PROGRAM 8330 US 42 FLORENCE KY 41042 9286 US | 04/10/2018 | Boone County Schools District High School Robotics Program, PiBotics Team FRC 3814 | Local Community Development | \$ 2,500 |
| FUND FOR THE ARTS INC 623 W MAIN STREET LOUISVILLE KY 40202-2978 US | 04/20/2018 | 2018 Cultural Pass | Local Community Development | \$ 9,500 |
| AMERICAN NATIONAL RED CROSS AKA: AMERICAN RED CROSS LOUISVILLE AREA CHAPTER - 510 E. CHESTNUT STREET LOUISVILLE KY 40202 US | 04/12/2018 | American Red Cross Kentucky Region - For use in Southern Indiana for Flood Relief Efforts | Internal Proposal - Administrators Only | \$ 10,000 |
| LEADERSHIP KENTUCKY FOUNDATION INC AKA: LEADERSHIP KENTUCKY 464 CHENAULT RD FRANKFORT KY 40601 US | 05/03/2018 | Leadership Kentucky | Local Community Development | \$ 3,500 |
| TICHENOR MIDDLE SCHOOL AKA: ERLANGER-ELSMERE SCHOOLS 305 BARTLETT AVENUE ERLANGER KY 41018 US | 05/06/2018 | School of the Week: Tichenor Middle School | Internal Proposal - Administrators Only | \$ 1,000 |
| CENTER FOR GREAT NEIGHBORHOODS 321 MLK BLVD./W. 12TH STREET COVINGTON KY 41011 US | 05/31/2018 | Orchard Park Place | Urban Revitalization | \$ 40,000 |
| BOONE COUNTY SCHOOL DISTRICT AKA: BOONE COUNTY SCHOOL DISTRICT 8330 US HWY 42 FLORENCE KY 41042 US | 05/14/2018 | Charles H. Kelly Elementary School - For SOTW (Student Of The Week) | Internal Proposal - Administrators Only | \$ 1,000 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 05/15/2018 | Scripps Howard Foundation, GCF, WCPO Family Literacy Grant | Internal Proposal - Administrators Only | \$ 50,000 |
| GRAY MIDDLE SCHOOL 10400 US 42 HWY UNION KY 41091 US | 05/29/2018 | School of the Week: Gray Middle School | Internal Proposal - Administrators Only | \$ 1,000 |
| ST. THOMAS SCHOOL 428 S. FT. THOMAS AVENUE FT. THOMAS KY 41075 US | 05/29/2018 | School of the Week: St. Thomas School | Internal Proposal - Administrators Only | \$ 1,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/31/2018 | 501 Greenup | Urban Revitalization | \$ 45,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/31/2018 | Covington YMCA | Urban Revitalization | \$ 40,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/31/2018 | Ludlow Yards | Urban Revitalization | \$ 30,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/31/2018 | The Baker's Table | Urban Revitalization | \$ 20,000 |
| NORTHERN KENTUCKY CHAMBER OF COMMERCE FOUNDATION 300 BUTTERMILK PIKE STE 330 FT. MITCHELL KY 41017-3924 US | 06/29/2018 | Grow NKY | Internal Proposal - Administrators Only | \$ 50,000 |
| COMMONWEALTH THEATRE CENTER, INC. 1123 PAYNE ST LOUISVILLE KY 40204-2366 US | 07/02/2018 | Commonwealth Theatre Center's Live Musical Production of THE UGLY DUCKLING in Southern Indiana | Local Community Development | \$ 5,400 |
| NORTHERN KENTUCKY URBAN & COMMUNITY FORESTRY COUNCIL 617 MAPLE AVENUE NEWPORT KY 41071 US | 08/29/2018 | Newport Tree Revitalize Program | Environment | \$ 10,000 |
| NEWPORT INDEPENDENT SCHOOLS 30 W 8TH ST NEWPORT KY 41071 US | 08/15/2018 | For Newport Primary School - Selected as School Of The Week 8/16/2018 | Internal Proposal - Administrators Only | \$ 1,000 |
| THOMAS MORE UNIVERSITY AKA: THOMAS MORE COLLEGE 333 THOMAS MORE PARKWAY CRESTVIEW HILLS KY 41017 US | 08/31/2018 | Undergraduate Research in Water Quality at the Thomas More Biology Field Station | Environment | \$ 20,000 |
| DAYTON HIGH SCHOOL AKA: DAYTON HIGH SCHOOL 200 GREENDEVIL LANE DAYTON KY 41074 US | 09/11/2018 | School Of The Week Recipient, Week of 8/30/2018 | Internal Proposal - Administrators Only | \$ 1,000 |
| WALTON VERONA HIGH SCHOOL 30 SCHOOL RD WALTON KY 41094 1000 US | 09/20/2018 | School of the Week | Internal Proposal - Administrators Only | \$ 1,000 |

| Organization Information | Submitted/Request Date | Project Title | Proposal Type | Request Paid Amount |
|--|------------------------|--|---|---------------------|
| DIXIE HEIGHTS HIGH SCHOOL 3010 DIXIE HIGHWAY EDGEWOOD KY 41017 US | 09/26/2018 | School of the Week | Internal Proposal - Administrators Only | \$ 1,000 |
| COOPER HIGH SCHOOL 2855 LONGBRANCH UNION KY 41091 US | 11/09/2018 | School of the week 11/8/2018 | Internal Proposal - Administrators Only | \$ 1,000 |
| GRANT COUNTY EMA 101 NORTH MAIN ST, SUITE 3 WILLIAMSTOWN KY 41097 US | 11/28/2018 | Grant County Emergency Management | Internal Proposal - Administrators Only | \$ 1,000 |
| WALTON FIRE STATION 12600 TOWNE CENTER DRDIVE WALTON KY 41094 US | 11/29/2018 | Walton Solar Site Assistance | Internal Proposal - Administrators Only | \$ 500 |
| BOONE COUNTY EMERGENCY MANAGEMENT 3000 CONRAD LANE BURLINGTON KY 41005 US | 11/30/2018 | Local support - Emergency management services | Internal Proposal - Administrators Only | \$ 1,000 |
| CAMPBELL COUNTY EMERGENCY MANAGEMENT 8774 CONSTABLE DR ALEXANDRIA KY 41001 US | 11/30/2018 | Emergency Management Support | Internal Proposal - Administrators Only | \$ 1,000 |
| NORTHERN KENTUCKY CHAMBER OF COMMERCE FOUNDATION 300 BUTTERMILK PIKE STE 330 FT. MITCHELL KY 41017-3924 US | 12/05/2018 | GROW NKY | Local Community Development | \$ 9,900 |
| PENDELTON EMERGENCY MANAGEMENT 233 MAIN STREET FALMOUTH KY 41040 US | 12/04/2018 | Emergency Management Support | Internal Proposal - Administrators Only | \$ 1,000 |
| KENTON COUNTY FISCAL COURT 1840 SIMON KENTON WAY, SUITE 5200 COVINGTON KY 41011 US | 12/04/2018 | Emergency management support | Internal Proposal - Administrators Only | \$ 1,000 |
| KENTUCKY COUNTY EMERGENCY MANAGEMENT 2676 CONRAD LANE, ROOM 127 BURLINGTON KY 41005 US | 12/04/2018 | Emergency Management Support | Internal Proposal - Administrators Only | \$ 1,000 |
| HORIZON COMMUNITY FUNDS OF NORTHERN KENTUCY CORP 50 E RIVERCENTER BLVD STE 434 COVINGTON KY 41011-1660 US | 12/05/2018 | Economic Development Fund - (Tri-Ed) Tri-County Economic Development Foundation: annual pledge | Internal Proposal - Administrators Only | \$ 50,000 |
| NORTHERN KENTUCKY UNIVERSITY AKA: CENTER FOR ECONOMIC ANALYSIS AND DEVELOPMENT NKU LUCAS ADMIN 221 NEWPORT KY 41099 US | 12/07/2018 | FIRST Lego League | Local Community Development | \$ 5,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 12/06/2018 | community development and revitalization of its Investment Area (Ludlow, Covington, Newport, Bellevue, and Dayton KY | Internal Proposal - Administrators Only | \$ 25,000 |
| CITY OF ERLANGER 505 COMMONWEALTH AVE ERLANGER KY 41018 US | 12/06/2018 | Flagship Park - Tree Planting Project | Internal Proposal - Administrators Only | \$ 9,900 |
| CHARLES H. KELLY ELEMENTARY SCHOOL AKA: CHARLES H. KELLY ELEMENTARY SCHOOL 6775 MCVILLE ROAD BURLINGTON KY 41005 US | 12/07/2018 | Bird and Butterfly Garden | Internal Proposal - Administrators Only | \$ 5,000 |
| HORIZON COMMUNITY FUNDS OF NORTHERN KENTUCY CORP 50 E RIVERCENTER BLVD STE 434 COVINGTON KY 41011-1660 US | 12/07/2018 | Community Impact Fund | Internal Proposal - Administrators Only | \$ 13,500 |
| EMERGENCY COLD SHELTER OF NORTHERN KENTUCKY, INC AKA: EMERGENCY COLD SHELTER OF NORTHERN KENTUCKY, INC 634 SCOTT STREET COVINGTON KY 41011 US | 12/13/2018 | Community Support | Internal Proposal - Administrators Only | \$ 600 |
| NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC AKA: NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC LUCAS ADMINISTRATION CENTER 822 HIGHLAND HEIGHTS KY 41099 US | 01/31/2019 | The Next Generation STEM Classroom - Middle School Program Support | Powerful Communities: K-12 Education1 | \$ 32,000 |
| ST. JOSEPH SCHOOL CRESCENT SPRINGS 2474 LORRAINE AVE CRESCENT SPRINGS KY | 12/14/2018 | School of the Week 12.20.18 | Internal Proposal - Administrators Only | \$ 1,000 |
| THOMAS MORE UNIVERSITY AKA: THOMAS MORE COLLEGE 333 THOMAS MORE PARKWAY CRESTVIEW HILLS KY 41017 US | 12/28/2018 | TSI: Thomas More STEM Institute | Powerful Communities: K-12 Education1 | \$ 14,500 |
| BOONE COUNTY BOARD OF EDUCATION 8330 US 42 FLORENCE KY 41042 9286 US | 01/23/2019 | Boone County Schools Student Energy Teams/STEM Best Practices | Powerful Communities: K-12 Education1 | \$ 10,000 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 01/31/2019 | Rising Kindergartenersâ€™ Summer Bridge Program | Powerful Communities: K-12 Education1 | \$ 12,000 |
| COVINGTON PARTNERS AKA: COVINGTON PARTNERS IN PREVENTION P.O. BOX 0426 COVINGTON KY 41012-0426 US | 01/31/2019 | Covington Summer Youth Program | Powerful Communities: K-12 Education1 | \$ 5,000 |
| GRANT COUNTY SCHOOLS 820 ARNIE RISEN BLVD. WILLIAMSTOWN KY 41097 US | 01/31/2019 | Grant County Schools Blended Learning Program | Powerful Communities: Local Impact | \$ 1,000 |
| SIMON KENTON HIGH SCHOOL 11132 MADISON PIKE INDEPENDENCE KY 41051 US | 01/28/2019 | SOTW | Internal Proposal - Administrators Only | \$ 1,000 |

| Organization Information | Submitted/Request Date | Project Title | Proposal Type | Request Paid Amount |
|--|------------------------|--|---|---------------------|
| NORTHERN KENTUCKY EDUCATION COUNCIL INC 7310 TURFWAY SUITE 115 FLORENCE KY 41042 US | 01/31/2019 | One to One | Powerful Communities: K-12 Education1 | \$ 15,000 |
| METRO UNITED WAY INC AKA: METRO UNITED WAY INC 334 EAST BROADWAY LOUISVILLE KY 40202 US | 02/15/2019 | Early Literacy and Young Children | Powerful Communities: K-12 Education1 | \$ 10,000 |
| BOONE COUNTY SCHOOLS DISTRICT HIGH SCHOOL ROBOTICS PROGRAM 8330 US 42 FLORENCE KY 41042 9286 US | 02/26/2019 | Boone County Schools District High School Robotics Program, PiBotics Team FRC 3814 | Powerful Communities: Local Impact | \$ 2,500 |
| PENDLETON COUNTY HIGH SCHOOL 2359 HWY 27 N FALMOUTH KY 41040 US | 03/11/2019 | Devices for College and Career Focus | Powerful Communities: Local Impact | \$ 4,000 |
| FUND FOR THE ARTS INC 623 W MAIN STREET LOUISVILLE KY 40202-2978 US | 03/07/2019 | 2019 Cultural Pass | Powerful Communities: Local Impact | \$ 9,500 |
| SUMMIT VIEW ACADEMY 5006 MADISON PIKE INDEPENDENCE KY 41051 US | 03/20/2019 | School of the week - 3/14/19 | Internal Proposal - Administrators Only | \$ 1,000 |
| BOYS & GIRLS CLUB OF KENTUCKIANA 3900 CRITTENDEN DR LOUISVILLE KY 40209-1126 US | 03/29/2019 | Indiana Kids After School | Powerful Communities: Local Impact | \$ 5,400 |
| ST. JOSEPH SCHOOL CRESCENT SPRINGS 2474 LORRAINE AVE CRESCENT SPRINGS KY | 03/29/2019 | School of the Week | Internal Proposal - Administrators Only | \$ 1,000 |
| GATEWAY COMMUNITY AND TECHNICAL COLLEGE FOUNDATION INCORPORATED 500 TECHNOLOGY WAY FLORENCE KY 41042-3224 US | 04/30/2019 | Utility Lineworker Certificate | Powerful Communities: Workforce | \$ 32,315 |
| NORTHERN KENTUCKY COMMUNITY ACTION COMMISSION 717 MADISON AVE COVINGTON KY 41011-2479 US | 04/30/2019 | Enhanced Operator Training Program | Powerful Communities: Workforce | \$ 10,000 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 04/30/2020 | Duke Energy NaviGo Scholars | Powerful Communities: Workforce | \$ 10,000 |
| BRIGHTON CENTER, INC. 741 CENTRAL AVE. NEWPORT KY 41071-1222 US | 04/30/2019 | Women in Sustainable Employment (WISE) Pathways | Powerful Communities: Workforce | \$ 5,000 |
| NORTHERN KENTUCKY CHAMBER OF COMMERCE FOUNDATION 300 BUTTERMILK PIKE STE 330 FT. MITCHELL KY 41017-3924 US | 04/26/2019 | GROW NKY | Powerful Communities: Local Impact | \$ 2,600 |
| NORTHERN KENTUCKY CHAMBER OF COMMERCE FOUNDATION 300 BUTTERMILK PIKE STE 330 FT. MITCHELL KY 41017-3924 US | 04/30/2019 | GROW NKY | Powerful Communities: Workforce | \$ 50,000 |
| ST. JOE'S COLD SPRING 4011 ALEXANDRIA PIKE COLD SPRING KY 41076 US | 04/29/2019 | School of the week 3.29.19 | Internal Proposal - Administrators Only | \$ 1,000 |
| PRINCE OF PEACE MONTESSORI SCHOOL 625 PIKE COVINGTON KY | 04/29/2019 | School of the week 5/1/19 | Internal Proposal - Administrators Only | \$ 1,000 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 04/30/2019 | Duke NaviGo Scholars | Powerful Communities: Workforce | \$ 15,000 |
| ST. TERESE SCHOOL 2516 ALEXANDRIA PIKE SOUTHGATE KY 41071 US | 05/09/2019 | School of the week 5/9/19 | Internal Proposal - Administrators Only | \$ 1,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/30/2019 | **See note - grant rescinded - Rayme Building | Urban Revitalization | \$ - |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/30/2019 | 700 Monmouth | Urban Revitalization | \$ 35,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/30/2019 | West Side Cafe | Urban Revitalization | \$ 40,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/30/2019 | Molly Malone's Annex | Urban Revitalization | \$ 35,000 |

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| NORTHERN KENTUCKY UNIVERSITY RESEARCH FOUNDATION AKA: NORTHERN KENTUCKY UNIVERSITY RESEARCH FOUNDATION INC NUNN DRIVE HIGHLAND HEIGHTS KY 41099 US | 07/19/2019 | Greater Cincinnati Pollinator Habitat Initiative | Powerful Communities: Nature | \$ 10,000 |
| EMERGENCY COLD SHELTER OF NORTHERN KENTUCKY, INC AKA: EMERGENCY COLD SHELTER OF NORTHERN KENTUCKY, INC 634 SCOTT STREET COVINGTON KY 41011 US | 06/06/2019 | General Support - Employee Resource Group - BWN | Internal Proposal - Administrators Only | \$ 150 |
| JUNIOR ACHIEVEMENT OF KENTUCKIANA INC AKA: JUNIOR ACHIEVEMENT OF KENTUCKIANA, INC. 1401 W. MUHAMMAD ALI BLVD. LOUISVILLE KY 40203 US | 06/14/2019 | JA Programs for YMCA Summer Camps | Powerful Communities: Local Impact | \$ 5,000 |
| SOUTHBANK PARTNERS 308 OAK ST. SILVER GROVE KY 41085 US | 07/30/2019 | Northern Kentucky Ohio River and Licking River Ecosystem Restoration | Powerful Communities: Nature | \$ 7,500 |
| TRI-COUNTY ECONOMIC DEVELOPMENT CHARITABLE CORPORATION 300 BUTTERMILK PIKE, SUITE 332 FT. MITCHELL KY 41017 US | 06/18/2019 | Economic Development Support for Northern Kentucky | Powerful Communities: Community Action | \$ 50,000 |
| LEADERSHIP KENTUCKY FOUNDATION INC AKA: LEADERSHIP KENTUCKY 464 CHENAULT RD FRANKFORT KY 40601 US | 11/06/2019 | Leadership Kentucky 2019 Class | Powerful Communities: Local Impact | \$ 3,500 |
| BANKLICK WATERSHED COUNCIL 927 FOREST AVE COVINGTON KY 41016 US | 07/31/2019 | Brushy Fork Woods and Wetland Preserve | Powerful Communities: Nature | \$ 25,000 |
| CENTER FOR GREAT NEIGHBORHOODS 321 MLK BLVD./W. 12TH STREET COVINGTON KY 41011 US | 08/19/2019 | Grant - in support of Urban Revitalization External Grant Review Committee service 2019 | Internal Proposal - Administrators Only | \$ 250 |
| NEWPORT FOUNDATION INC AKA: NEWPORT FOUNDATION INC 998 MONMOUTH STREET NEWPORT KY 41071-2184 US | 08/19/2019 | African American School Museum - Donation as recognition of Southbank Partners service to the Urban Revitalization External Grant Review Committee | Internal Proposal - Administrators Only | \$ 250 |
| LIFE LONG LEARNING CENTER 20 W. 18TH STREET COVINGTON KY 41011 US | 08/19/2019 | Donation in support of Catalytic Fund's service on the Urban Revitalization External Grant Review Committee | Internal Proposal - Administrators Only | \$ 250 |
| FORT THOMAS EDUCATION FOUNDATION PO BOX 75090 FORT THOMAS KY 41075 US | 08/21/2019 | Donation on behalf of Lisa Cooper service to Urban Revitalization External Grant Review Committee | Internal Proposal - Administrators Only | \$ 250 |
| SPECIAL OLYMPICS KENTUCKY - AREA 7 PO BOX 393 FLORENCE KY 41042 US | 08/29/2019 | Special Olympics Kentucky - Area 7 | Powerful Communities: Local Impact | \$ 2,000 |
| RABBIT HASH HISTORICAL SOCIETY, INC. 11646 LOWER RIVER RD UNION KY 41091 US | 09/04/2019 | Foundation Support of KY Power Plant community efforts | Internal Proposal - Administrators Only | \$ 3,000 |
| CHARLES H. KELLY ELEMENTARY SCHOOL AKA: CHARLES H. KELLY ELEMENTARY SCHOOL 6775 MCVILLE ROAD BURLINGTON KY 41005 US | 09/04/2019 | Foundation support of KY power plant - community impact | Internal Proposal - Administrators Only | \$ 3,000 |
| THE CITY OF COVINGTON 20 WEST PIKE STREET COVINGTON KY 41011 US | 09/24/2019 | Pop Up Literacy Events | Powerful Communities: Local Impact | \$ 5,000 |
| COMMONWEALTH THEATRE CENTER, INC. 1123 PAYNE ST LOUISVILLE KY 40204-2366 US | 09/09/2019 | Commonwealth Theatre Center's Live Touring Musical Production of RUMPELSTILTSKIN in Southern Indiana | Powerful Communities: Local Impact | \$ 4,900 |
| PENDLETON COUNTY EDUCATION FOUNDATION INC PO BOX 88 FALMOUTH KY 41040 US | 09/10/2019 | Miracle Point Playground - internal proposal to support local power station | Internal Proposal - Administrators Only | \$ 1,000 |
| CITY OF FORT THOMAS 130 N. FORT THOMAS AVENUE FORT THOMAS KY 41075 US | 09/15/2019 | Fort Thomas Park Trails | Powerful Communities: Local Impact | \$ 4,000 |
| BELLEVUE MCVILLE FIRE PROTECTION DISTRICT BOARD 6900 MCVILLE RD BURLINGTON KY 41005 US | 09/24/2019 | Foundation Support of KY Power Plant community efforts | Internal Proposal - Administrators Only | \$ 2,000 |
| RENEWPORT PO BOX 72366 NEWPORT KY 41072 US | 09/24/2019 | Newport Education Task Force | Powerful Communities: Local Impact | \$ 5,000 |
| JB SPEED ART MUSEUM 2035 S 3RD ST LOUISVILLE KY 40208-1812 US | 10/14/2019 | STEAM at the Speed | Powerful Communities: Local Impact | \$ 5,000 |
| CITY OF BELLEVUE 616 POPLAR STREET BELLEVUE KY 41073 US | 10/29/2019 | Pocket Park development | Powerful Communities: Local Impact | \$ 6,000 |
| MASTER PROVISIONS, INC 7725 FOUNDATION DR FLORENCE KY 41042-3052 US | 11/08/2019 | Mobile Food Pantries | Powerful Communities: Community Action | \$ 1,000 |

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| BOONE COUNTY FISCAL COURT AKA: BOONE COUNTY FISCAL COURT 2950 WASHINGTON ST, PO BOX 960 BURLINGTON KY 41005-0960 US | 11/26/2019 | Boone Woods Reforestation | Powerful Communities: Community Action | \$ 7,500 |
| CITY OF FLORENCE AKA: CITY OF FLORENCE 8000 EWING BOULEVARD FLORENCE KY 41042 US | 11/27/2019 | Urban Forestry Project | Powerful Communities: Community Action | \$ 7,500 |
| REDWOOD SCHOOL & REHABILITATION CENTER INC AKA: REDWOOD SCHOOL & REHABILITATION CENTER, INC. 71 ORPHANAGE ROAD FT. MITCHELL KY 41017 US | 02/13/2020 | Pre-ETS Improvement Project | Powerful Communities: Local Impact | \$ 7,500 |
| BOONE COUNTY BOARD OF EDUCATION 8330 US 42 FLORENCE KY 41042 9286 US | 01/15/2020 | Boone County Schools Student Energy Teams/STEM Best Practices | Powerful Communities: K-12 Education1 | \$ 10,000 |
| NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC AKA: NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC LUCAS ADMINISTRATION CENTER 822 HIGHLAND HEIGHTS KY 41099 US | 01/31/2020 | The Next Generation STEM Classroom - Middle School Program Support | Powerful Communities: K-12 Education1 | \$ 35,000 |
| THOMAS MORE UNIVERSITY AKA: THOMAS MORE COLLEGE 333 THOMAS MORE PARKWAY CRESTVIEW HILLS KY 41017 US | 01/21/2020 | Thomas More University Summer STEM Institute | Powerful Communities: K-12 Education1 | \$ 14,500 |
| KENTUCKY ENGINEERING FOUNDATION INC AKA: KENTUCKY ENGINEERING FOUNDATION INC KENTUCKY ENGINEERING FOUNDATION FRANKFORT KY 40601 US | 01/24/2020 | MATHCOUNTS | Powerful Communities: Local Impact | \$ 3,000 |
| NORTHERN KENTUCKY EDUCATION COUNCIL INC 7310 TURFWAY SUITE 115 FLORENCE KY 41042 US | 01/31/2020 | One to One | Powerful Communities: K-12 Education1 | \$ 15,000 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 01/31/2020 | Rising Kindergarteners™ Summer Bridge Program | Powerful Communities: K-12 Education1 | \$ 5,000 |
| NORTHERN KENTUCKY SYMPHONY, INC AKA: NORTHERN KENTUCKY SYMPHONY INC P.O. BOX 72810 NEWPORT KY 41072 US | 03/05/2020 | KSO Summer Park Series 2020 | Powerful Communities: Local Impact | \$ 5,000 |
| COVINGTON PARTNERS AKA: COVINGTON PARTNERS IN PREVENTION P.O. BOX 0426 COVINGTON KY 41012-0426 US | 03/18/2020 | COVID-19 Grant: Operation - MVP | Powerful Communities: Community Action | \$ 2,500 |
| NORTHERN KY AREA DEVELOPMENT DISTRICT 22 SPIRAL DR FLORENCE KY 41042-1300 US | 03/19/2020 | COVID-19 Grant: Assistance to Older Adults-Food and Supplies | Powerful Communities: Community Action | \$ 10,000 |
| LUDLOW BOARD OF EDUCATION 515 ELM ST. LUDLOW KY 41016 US | 03/23/2020 | COVID-19 Relief | Powerful Communities: Community Action | \$ 1,000 |
| DAYTON INDEPENDENT SCHOOLS 200 CLAY ST DAYTON KY 41074 US | 03/23/2020 | COVID-19 Grant: Food for Thought | Powerful Communities: Community Action | \$ 1,000 |
| NEWPORT INDEPENDENT SCHOOLS 30 W 8TH ST NEWPORT KY 41071 US | 03/23/2020 | COVID-19 Relief Grant | Powerful Communities: Community Action | \$ 2,500 |
| TRI-COUNTY ECONOMIC DEVELOPMENT CHARITABLE CORPORATION 300 BUTTERMILK PIKE, SUITE 332 FT. MITCHELL KY 41017 US | 04/29/2020 | Economic Development Support for Northern Kentucky | Powerful Communities: Community Action | \$ 50,000 |
| BELLEVUE INDEPENDENT SCHOOLS 219 CENTER ST BELLEVUE KY 41073 US | 04/01/2020 | COVID-19 Grant: Community feeding | Powerful Communities: Community Action | \$ 1,000 |
| HORIZON COMMUNITY FUNDS OF NORTHERN KENTUCKY CORP 50 E RIVERCENTER BLVD STE 434 COVINGTON KY 41011-1660 US | 04/07/2020 | Horizon NKY Coronavirus Relief Fund | Powerful Communities: Community Action | \$ 25,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 06/12/2020 | 722 Scott | Urban Revitalization | \$ 10,000 |
| GATEWAY COMMUNITY AND TECHNICAL COLLEGE FOUNDATION INCORPORATED 500 TECHNOLOGY WAY FLORENCE KY 41042-3224 US | 04/30/2020 | Utility Lineworker Program Expansion | Powerful Communities: Workforce | \$ 20,000 |
| NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC AKA: NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC LUCAS ADMINISTRATION CENTER 822 HIGHLAND HEIGHTS KY 41099 US | 04/13/2020 | NKU Student Emergency Fund | Powerful Communities: Local Impact | \$ 2,500 |
| EMERGENCY SHELTER OF NORTHERN KENTUCKY 634 SCOTT STREET COVINGTON KY 41011 US | 04/18/2020 | Emergency Shelter during Covid-19 | Powerful Communities: Local Impact | \$ 2,500 |
| FAITH COMMUNITY PHARMACY, INC. AKA: FAITH COMMUNITY PHARMACY 7033 BURLINGTON PIKE SUITE 4 FLORENCE KY 41042 US | 04/13/2020 | COVID-19 Response | Powerful Communities: Local Impact | \$ 500 |
| WELCOME HOUSE, INC. AKA: WELCOME HOUSE OF NORTHERN KENTUCKY INC 205 PIKE STREET COVINGTON KY 41011 US | 04/17/2020 | COVID-19 Hotel Shelter for Homeless | Powerful Communities: Local Impact | \$ 1,000 |

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| ST. ELIZABETH HEALTHCARE 1 MEDICAL VILLAGE DR EDGEWOOD KY 41017-3403 US | 04/13/2020 | Front Line Associate Appreciation | Powerful Communities: Community Action | \$ 5,000 |
| BRIGHTON CENTER, INC. 741 CENTRAL AVE. NEWPORT KY 41071-1222 US | 04/28/2020 | Center for Employment Training | Powerful Communities: Workforce | \$ 3,000 |
| MASTER PROVISIONS, INC 7725 FOUNDATION DR FLORENCE KY 41042-3052 US | 04/23/2020 | Food Insecurity Support | Powerful Communities: Community Action | \$ 5,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 06/12/2020 | North South Baking Co. | Urban Revitalization | \$ 15,000 |
| NORTHERN KENTUCKY COMMUNITY ACTION COMMISSION 717 MADISON AVE COVINGTON KY 41011-2479 US | 04/29/2020 | YouthBuild Enhanced Operator Program | Powerful Communities: Workforce | \$ 10,000 |
| LIFE LEARNING CENTER INC AKA: LIFE LEARNING CENTER INC 20 WEST 18TH STREET COVINGTON KY 41011 US | 04/29/2020 | Life Learning Center & Gateway Community and Technical College: Partnering for an Enhanced Workforce | Powerful Communities: Workforce | \$ 3,000 |
| NORTHERN KENTUCKY CHAMBER OF COMMERCE FOUNDATION 300 BUTTERMILK PIKE STE 330 FT. MITCHELL KY 41017-3924 US | 04/30/2020 | Regional Work-Based Learning Online Platform | Powerful Communities: Workforce | \$ 25,000 |
| CENTER FOR GREAT NEIGHBORHOODS 321 MLK BLVD./W. 12TH STREET COVINGTON KY 41011 US | 06/12/2020 | Covington Culinary Business COVID Support & Bakery Pre-development | Urban Revitalization | \$ 11,000 |
| MENTORING PLUS INC. PO BOX 72202 NEWPORT KY 41072-0202 US | 05/28/2020 | Mentoring Plus | Powerful Communities: Local Impact | \$ 1,500 |
| NORTHERN KENTUCKY CHAMBER OF COMMERCE FOUNDATION 300 BUTTERMILK PIKE STE 330 FT. MITCHELL KY 41017-3924 US | 05/21/2020 | NKY Small Business Relief Grant | Powerful Communities: Community Action | \$ 75,000 |
| SOUTHBANK PARTNERS 308 OAK ST. SILVER GROVE KY 41085 US | 07/10/2020 | Northern Kentucky Ohio River and Licking River Ecosystem Restoration | Powerful Communities: Nature | \$ 10,000 |
| FUND FOR THE ARTS INC 623 W MAIN STREET LOUISVILLE KY 40202-2978 US | 06/02/2020 | Virtual Cultural Pass in Southern Indiana | Powerful Communities: Local Impact | \$ 9,500 |
| THE BOONE CONSERVANCY PO BOX 416 BURLINGTON KY 41005-0416 US | 07/30/2020 | Habitat Restoration & Preservation | Powerful Communities: Local Impact | \$ 2,000 |
| BOWLES CENTER FOR DIVERSITY OUTREACH, INC. PO BOX 122166 COVINGTON KY 41012-2166 US | 07/23/2020 | Social Justice and Racial Equity 2020 | Internal Proposal - Administrators Only | \$ 10,000 |
| THOMAS MORE UNIVERSITY AKA: THOMAS MORE COLLEGE 333 THOMAS MORE PARKWAY CRESTVIEW HILLS KY 41017 US | 07/30/2020 | Water Quality Research at the TMU Biology Field Station | Powerful Communities: Nature | \$ 10,000 |
| BOONE COUNTY CONSERVATION DISTRICT 6028 CAMP ERNST ROAD BURLINGTON KY 41005 US | 07/31/2020 | Forest Health Assessment | Powerful Communities: Nature | \$ 5,000 |
| BOONE COUNTY FISCAL COURT AKA: BOONE COUNTY FISCAL COURT 2950 WASHINGTON ST, PO BOX 960 BURLINGTON KY 41005-0960 US | 07/31/2020 | Boone County Habitat Enhancement | Powerful Communities: Nature | \$ 10,000 |
| CITY OF DAYTON AKA: CITY OF DAYTON 514 SIXTH AVENUE DAYTON KY 41074 US | 07/31/2020 | Dayton Sargeant Park Invasive Removal and Reforestation | Powerful Communities: Nature | \$ 2,000 |
| BRIGHTON CENTER, INC. 741 CENTRAL AVE. NEWPORT KY 41071-1222 US | 08/26/2020 | Emergency Assistance & Operations for Northern Kentucky | Powerful Communities: Community Action | \$ 200 |
| CASA OF CARROLL, GRANT AND OWEN COUNTIES, INC 400 NORTH MAIN STREET PO BOX 368 WILLIAMSTOWN KY 41097 US | 09/25/2020 | CASA of Carroll, Grant and Owen Counties, Inc | Powerful Communities: Local Impact | \$ 1,000 |
| CITY OF FORT THOMAS 130 N. FORT THOMAS AVENUE FORT THOMAS KY 41075 US | 09/09/2020 | Highland Hills Park | Powerful Communities: Local Impact | \$ 1,000 |
| CAMPBELL COUNTY FISCAL COURT/OFFICE OF EMERGENCY MANAGEMENT AKA: CAMPBELL COUNTY FISCAL COURT PO BOX 153 ALEXANDRIA KY 41001 US | 10/13/2020 | Girl Scout Shelter | Powerful Communities: Local Impact | \$ 4,375 |
| GRANT COUNTY HERITAGE TRAIL FOUNDATION INC. PO BOX 65 WILLIAMSTOWN KY 41097 US | 10/13/2020 | Grant County Heritage Trail | Powerful Communities: Local Impact | \$ 1,000 |
| JUNIOR ACHIEVEMENT OF KENTUCKIANA INC AKA: JUNIOR ACHIEVEMENT OF KENTUCKIANA, INC. 1401 W. MUHAMMAD ALI BLVD. LOUISVILLE KY 40203 US | 10/14/2020 | Work Readiness and Life Skills Programs for JAG High School Students | Powerful Communities: Local Impact | \$ 3,950 |

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| NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC AKA: NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC LUCAS ADMINISTRATION CENTER 822 HIGHLAND HEIGHTS KY 41099 US BOONE COUNTY ARBORETUM 9190 CAMP ERNST RD UNION KY 41091-7469 US | 01/31/2021 | CINSAM School-Embedded STEM Professional Development for Teachers | Powerful Communities: K-12 Education1 | \$ 30,000 |
| THE CARNEGIE 1028 SCOTT BLVD. COVINGTON KY 41011-3132 US | 01/31/2021 | Arboretum on Wheels | Powerful Communities: Local Impact | \$ 3,500 |
| NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC AKA: NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC LUCAS ADMINISTRATION CENTER 822 HIGHLAND HEIGHTS KY 41099 US BOONE COUNTY BOARD OF EDUCATION 8330 US 42 FLORENCE KY 41042 9286 US | 01/29/2021 | Endowing the Future of The Carnegie™s Integrated Arts Education Program | Powerful Communities: Local Impact | \$ 2,000 |
| NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC AKA: NORTHERN KENTUCKY UNIVERSITY FOUNDATION INC LUCAS ADMINISTRATION CENTER 822 HIGHLAND HEIGHTS KY 41099 US BOONE COUNTY BOARD OF EDUCATION 8330 US 42 FLORENCE KY 41042 9286 US | 01/31/2022 | CINSAM School-Embedded STEM Professional Development for Teachers | Powerful Communities: K-12 Education1 | \$ 20,000 |
| NORTHERN KENTUCKY EDUCATION COUNCIL INC 7310 TURFWAY SUITE 115 FLORENCE KY 41042 US | 01/26/2021 | Boone County Schools Student Energy Teams/STEM Best Practices | Powerful Communities: K-12 Education1 | \$ 10,000 |
| NORTHERN KENTUCKY EDUCATION COUNCIL INC 7310 TURFWAY SUITE 115 FLORENCE KY 41042 US | 01/30/2021 | One to One | Powerful Communities: K-12 Education1 | \$ 15,000 |
| COVINGTON PARTNERS AKA: COVINGTON PARTNERS IN PREVENTION P.O. BOX 0426 COVINGTON KY 41012-0426 US | 01/29/2021 | Camp Covington | Powerful Communities: K-12 Education1 | \$ 10,000 |
| TRI-COUNTY ECONOMIC DEVELOPMENT CHARITABLE CORPORATION 300 BUTTERMILK PIKE, SUITE 332 FT. MITCHELL KY 41017 US | 03/01/2021 | Northern Kentucky Target Industry Analysis | Powerful Communities: Community Action | \$ 50,000 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 04/29/2021 | Duke Energy NaviGo Scholars | Powerful Communities: Workforce | \$ 10,000 |
| NORTHERN KENTUCKY SYMPHONY, INC AKA: NORTHERN KENTUCKY SYMPHONY INC P.O. BOX 72810 NEWPORT KY 41072 US | 02/12/2021 | 2021 Free Summer Park Series | Powerful Communities: Local Impact | \$ 3,500 |
| KENTUCKY ENVIRONMENTAL EDUCATION COUNCIL 500 MERO ST. FRANKFORT KY 40601 US | 02/18/2021 | Outdoor School for Everyone | Powerful Communities: Local Impact | \$ 5,000 |
| BRIGHTON CENTER, INC. 741 CENTRAL AVE. NEWPORT KY 41071-1222 US | 02/24/2021 | Opportunity House | Powerful Communities: Community Action | \$ 35,000 |
| ASBURY THEOLOGICAL SEMINARY 204 N LEXINGTON AVE WILMORE KY 40390-1129 US | 02/26/2021 | Donation to General Scholarship Fund in Memory & Honor of Andy Hines | Internal Proposal - Administrators Only | \$ 5,000 |
| LOUISVILLE EXPRESS 2909 HOMEWOOD PL LOUISVILLE KY 40241 US | 03/02/2021 | Louisville Express Baseball | Powerful Communities: Local Impact | \$ 500 |
| BIG BROTHERS BIG SISTERS OF KENTUCKIANA, INC. 1519 GARDINER LANE LOUISVILLE KY 40218-4519 US | 04/06/2021 | S. Indiana 1-to-1 Mentoring Project | Powerful Communities: Local Impact | \$ 3,400 |
| NORTHERN KENTUCKY COMMUNITY ACTION COMMISSION 717 MADISON AVE COVINGTON KY 41011-2479 US | 03/30/2021 | Pathways Out of Poverty: Preparing Workers for Meaningful Employment | Powerful Communities: Workforce | \$ 15,000 |
| GATEWAY COMMUNITY AND TECHNICAL COLLEGE FOUNDATION INCORPORATED 500 TECHNOLOGY WAY FLORENCE KY 41042-3224 US | 03/24/2021 | Utility Lineworker Certificate Program Expansion | Powerful Communities: Workforce | \$ 25,000 |
| FAITH COMMUNITY PHARMACY, INC. AKA: FAITH COMMUNITY PHARMACY 7033 BURLINGTON PIKE SUITE 4 FLORENCE KY 41042 US | 03/31/2021 | Prescription Medication Program | Powerful Communities: Local Impact | \$ 3,000 |
| FUND FOR THE ARTS INC 623 W MAIN STREET LOUISVILLE KY 40202-2978 US | 04/23/2021 | Cultural Pass | Powerful Communities: Local Impact | \$ 9,500 |
| NORTHERN KENTUCKY CHAMBER OF COMMERCE FOUNDATION 300 BUTTERMILK PIKE STE 330 FT. MITCHELL KY 41017-3924 US | 04/30/2021 | Credential Literacy and Resource Access for Workforce Development | Powerful Communities: Workforce | \$ 30,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/31/2021 | Char | Urban Revitalization | \$ 35,000 |
| LIFE LEARNING CENTER INC AKA: LIFE LEARNING CENTER INC 20 WEST 18TH STREET COVINGTON KY 41011 US | 04/29/2021 | Working for a Better Life | Powerful Communities: Local Impact | \$ 4,250 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 04/30/2021 | NKY College & Career Connector Program (The Connector Program) | Powerful Communities: Workforce | \$ 25,000 |

| Organization Information | Submitted/Request Date | Project Title | Proposal Type | Request Paid Amount |
|--|------------------------|--|---|---------------------|
| GRANT COUNTY HERITAGE TRAIL FOUNDATION INC. PO BOX 65 WILLIAMSTOWN KY 41097 US | 06/21/2021 | Grant County Heritage Trail | Powerful Communities: Local Impact | \$ 3,000 |
| MASTER PROVISIONS, INC 7725 FOUNDATION DR FLORENCE KY 41042-3052 US | 05/19/2021 | COVID-19 Recovery | Powerful Communities: Local Impact | \$ 9,792 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/31/2021 | Raymee Building | Urban Revitalization | \$ 40,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 05/31/2021 | The Granary | Urban Revitalization | \$ 35,000 |
| SOUTHBANK PARTNERS 308 OAK ST. SILVER GROVE KY 41085 US | 07/29/2021 | Four Mile Creek Trail Restoration | Powerful Communities: Nature | \$ 5,000 |
| HOME BUILDERS ASSOCIATION OF NORTHERN KENTUCKY 2751 CIRCLEPORT DR ERLANGER KY 41018-1080 US | 06/17/2021 | Enzweiler Building Institute at Latonia Plaza | Urban Revitalization | \$ 50,000 |
| RABBIT HASH HISTORICAL SOCIETY, INC. 11646 LOWER RIVER RD UNION KY 41091 US | 06/10/2021 | Support from local power plant | Internal Proposal - Administrators Only | \$ 1,500 |
| CENTER FOR GREAT NEIGHBORHOODS 321 MLK BLVD./W. 12TH STREET COVINGTON KY 41011 US | 06/15/2021 | St. Elizabeth's Studios | Urban Revitalization | \$ 10,000 |
| BOONE COUNTY PUBLIC LIBRARY DISTRICT 1786 BURLINGTON PIKE BURLINGTON KY 41005 US | 07/01/2021 | Dinosaurs: Land of Fire and Ice | Powerful Communities: Local Impact | \$ 2,500 |
| NORTHERN KENTUCKY CHAMBER OF COMMERCE FOUNDATION 300 BUTTERMILK PIKE STE 330 FT. MITCHELL KY 41017-3924 US | 07/14/2021 | Small Business Relief Grants | Powerful Communities: Community Action | \$ 75,000 |
| THOMAS MORE UNIVERSITY AKA: THOMAS MORE COLLEGE 333 THOMAS MORE PARKWAY CRESTVIEW HILLS KY 41017 US | 07/27/2021 | Water Quality Research at the Thomas More University Biology Field Station | Powerful Communities: Nature | \$ 20,000 |
| THE BOONE CONSERVANCY PO BOX 416 BURLINGTON KY 41005-0416 US | 07/31/2021 | Conservancy Park Habitat Restoration and Wildlife Education Program | Powerful Communities: Nature | \$ 10,000 |
| CHILDREN'S HOME OF NORTHERN KENTUCKY 200 HOME RD COVINGTON KY 41011-1942 US | 10/07/2021 | Recreation Therapy for At-Risk Youth | Powerful Communities: Local Impact | \$ 5,000 |
| NAACP/BOWLES CENTER FOR DIVERSITY OUTREACH INC AKA: BOWLES CENTER FOR DIVERSITY OUTREACH INC. 470 LAKEVIEW DRIVE, APT 311 WILDER KY 41071 US | 10/19/2021 | NAACP/Bowles Center Freedom Fund Gala | Powerful Communities: Community Action | \$ 10,000 |
| CHARLES H. KELLY ELEMENTARY SCHOOL AKA: CHARLES H. KELLY ELEMENTARY SCHOOL 6775 MCVILLE ROAD BURLINGTON KY 41005 US | 10/22/2021 | Local Power Plant Support | Internal Proposal - Administrators Only | \$ 3,000 |
| RENEWPORT PO BOX 72366 NEWPORT KY 41072 US | 10/25/2021 | West Newport Tree Planting | Powerful Communities: Community Action | \$ 2,000 |
| PENDLETON COUNTY FISCAL COURT 233 MAIN ST FALMOUTH KY 41040 US | 11/02/2021 | Emergency Operations Improvement | Powerful Communities: Community Action | \$ 2,000 |
| HERITAGE FELLOWSHIP INC 7216 HIGHWAY 42 FLORENCE KY 41042-1902 US | 11/11/2021 | Support to Heritage Academy | Internal Proposal - Administrators Only | \$ 2,500 |
| WREATHS FOR KENTUCKY VETERANS CEMETERY NORTH (KVCN) PO BOX 75 WILLIAMSTOWN KY 41097-0075 US | 11/18/2021 | Wreaths for Kentucky Veterans Cemetery North | Powerful Communities: Community Action | \$ 2,500 |
| WELCOME HOUSE, INC. AKA: WELCOME HOUSE OF NORTHERN KENTUCKY INC 205 PIKE STREET COVINGTON KY 41011 US | 11/30/2021 | Welcome House Food Pantry | Powerful Communities: Community Action | \$ 5,000 |
| EMERGENCY SHELTER OF NORTHERN KENTUCKY 634 SCOTT STREET COVINGTON KY 41011 US | 12/01/2021 | Services for Adults Experiencing Homelessness | Powerful Communities: Community Action | \$ 5,000 |
| GO PANTRY CORPORATION 7960 KENTUCKY DRIVE, SUITE 1 FLORENCE KY 41042-2940 US | 12/01/2021 | GO Bags - Emergency Food Support | Powerful Communities: Community Action | \$ 5,000 |
| COMMONWEALTH OF KENTUCKY AKA: KENTUCKY FINANCE & ADMINISTRATION CABINET 500 MERO STREET, 218 NC FRANKFORT KY 40601 US | 12/16/2021 | Team Western Kentucky Tornado Relief Fund | Internal Proposal - Administrators Only | \$ 50,000 |
| IGNITE INSTITUTE 37 ATLANTIC AVENUE ERLANGER KY 41018 US | 01/14/2022 | PiBotics | Powerful Communities: Local Impact | \$ 2,000 |
| BOONE COUNTY BOARD OF EDUCATION 8330 US 42 FLORENCE KY 41042 9286 US | 01/25/2022 | Boone County Schools Student Energy Teams/STEM Best Practices | Powerful Communities: K-12 Education1 | \$ 10,000 |

| Organization Information | Submitted/Request Date | Project Title | Proposal Type | Request Paid Amount |
|--|------------------------|---|--|---------------------|
| TRI-COUNTY ECONOMIC DEVELOPMENT CHARITABLE CORPORATION 300 BUTTERMILK PIKE, SUITE 332 FT. MITCHELL KY 41017 US | 01/24/2022 | Investor Campaign Initiative 4 - Targeted Business Growth | Powerful Communities: Community Action | \$ 50,000 |
| PRICHARD COMMITTEE FOR ACADEMIC EXCELLENCE AKA: PRICHARD COMMITTEE FOR ACADEMIC EXCELLENCE 2285 EXECUTIVE DRIVE, SUITE 120 LEXINGTON KY 40505 US | 01/26/2022 | Commonwealth Institute for Parent Leadership | Powerful Communities: Local Impact | \$ 7,500 |
| NORTHERN KENTUCKY SYMPHONY, INC AKA: NORTHERN KENTUCKY SYMPHONY INC P.O. BOX 72810 NEWPORT KY 41072 US | 03/03/2022 | 2022 Free Summer Park Series | Powerful Communities: Local Impact | \$ 3,500 |
| BIG BROTHERS BIG SISTERS OF KENTUCKIANA, INC. 1519 GARDINER LANE LOUISVILLE KY 40218-4519 US | 01/27/2022 | S. Indiana 1-to-1 Mentoring Project | Powerful Communities: Local Impact | \$ 6,000 |
| NORTHERN KENTUCKY EDUCATION COUNCIL INC 7310 TURFWAY SUITE 115 FLORENCE KY 41042 US | 01/31/2022 | One to One | Powerful Communities: K-12 Education1 | \$ 15,000 |
| NORTHERN KENTUCKY COMMUNITY ACTION COMMISSION 717 MADISON AVE COVINGTON KY 41011-2479 US | 04/04/2022 | Cultivating the Energy-Sector's Future Workforce | Powerful Communities: Workforce | \$ 10,000 |
| YOUNG MEN'S CHRISTIAN ASSOCIATION OF GREATER LOUISVILLE 545 S 2ND ST LOUISVILLE KY 40202-1801 US | 03/13/2022 | Camp Honor Bright Scholarships | Powerful Communities: Local Impact | \$ 2,000 |
| SAMARITAN CAR CARE CLINIC, INC. 1530 MADISON AVE COVINGTON KY 41011-3316 US | 03/29/2022 | Non-profit vehicle repair shop and co-op training site. | Powerful Communities: Workforce | \$ 5,000 |
| KY ENTREPRENEURSHIP EDUCATION NETWORK, INC. PO BOX 910130 LEXINGTON KY 40591 US | 03/14/2022 | Governor's School for Entrepreneurs | Powerful Communities: Community Action | \$ 10,000 |
| SECOND CHANCES WILDLIFE CENTER 487 GENTRY LN MT WASHINGTON KY 40047-7845 US | 04/06/2022 | Southern Indiana Environmental Education | Powerful Communities: Local Impact | \$ 5,000 |
| INTER CHURCH ORGANIZATION 901 YORKSTREET NEWPORT KY 41071 US | 04/08/2022 | Serving ALL in Need | Powerful Communities: Local Impact | \$ 4,000 |
| GATEWAY COMMUNITY AND TECHNICAL COLLEGE FOUNDATION INCORPORATED 500 TECHNOLOGY WAY FLORENCE KY 41042-3224 US | 04/26/2022 | Utility Lineworker Certificate Program Site Expansion | Powerful Communities: Workforce | \$ 25,000 |
| PENDLETON COUNTY TOURISM COUNCIL 233 MAIN STREET FALMOUTH KY 41040-1157 US | 04/21/2022 | Small Business COVID Relief | Powerful Communities: Community Action | \$ 25,000 |
| NEW DAY RANCH 14838 ROSENSTIEL RD VERONA KY 41092 US | 04/29/2022 | New Day Ranch Compass Program | Powerful Communities: Local Impact | \$ 5,000 |
| NORTHERN KENTUCKY AREA DEVELOPMENT DISTRICT 22 SPIRAL DRIVE FLORENCE KY 41042 US | 04/29/2022 | GROW NKY 2.0 Growing Regional Outcomes through Workforce: The next progression of the regional workforce partner collaboration between workforce partners and the alignment of NKY's tactical and systemic workforce resources. | Powerful Communities: Workforce | \$ 35,000 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 04/24/2022 | Duke Energy NaviGo Scholars | Powerful Communities: Workforce | \$ 10,000 |
| LEARNING GROVE AKA: CHILDREN, INC. 333 MADISON AVENUE COVINGTON KY 41011 US | 04/25/2022 | NKY College & Career Connector Program (The Connector Program) | Powerful Communities: Workforce | \$ 20,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 06/14/2022 | Acme Building | Urban Revitalization | \$ 25,000 |
| BRIGHTON CENTER, INC. 741 CENTRAL AVE. NEWPORT KY 41071-1222 US | 04/29/2022 | Trades to Success | Powerful Communities: Workforce | \$ 20,000 |
| LIFE LEARNING CENTER INC AKA: LIFE LEARNING CENTER INC 20 WEST 18TH STREET COVINGTON KY 41011 US | 04/29/2022 | Working for a Better Life Reentry Backpack Project | Powerful Communities: Workforce | \$ 25,000 |
| GRANT COUNTY FARM TO TABLE INC. PO BOX 365 WILLIAMSTOWN KY 41097-0365 US | 05/06/2022 | Grant County Farm To Table | Powerful Communities: Community Action | \$ 25,000 |

| Organization Information | Submitted/Request Date | Project Title | Proposal Type | Request Paid Amount |
|--|------------------------|--|---|---------------------|
| LOUISVILLE GROWS 1641 PORTLAND AVE LOUISVILLE KY 40203-1459 US | 06/24/2022 | Jeffersonville/Clarksville Tree Planting Project | Powerful Communities: Nature | \$ 15,000 |
| KENTUCKY REFUGEE MINISTRIES 321 W MLK JR BLVD COVINGTON KY 41011 US | 05/17/2022 | Refugee Workforce Development | Powerful Communities: Community Action | \$ 25,000 |
| ESPERANZA LATINO CENTER OF NKY 234 W PIKE ST COVINGTON KY 41011 US | 05/17/2022 | Immigrant Workforce Impact | Powerful Communities: Community Action | \$ 25,000 |
| BOONE COUNTY FISCAL COURT AKA: BOONE COUNTY FISCAL COURT 2950 WASHINGTON ST, PO BOX 960 BURLINGTON KY 41005-0960 US | 05/26/2022 | Emergency Management | Powerful Communities: Community Action | \$ 5,000 |
| CAMPBELL COUNTY FISCAL COURT/OFFICE OF EMERGENCY MANAGEMENT AKA: CAMPBELL COUNTY FISCAL COURT PO BOX 153 ALEXANDRIA KY 41001 US | 06/03/2022 | Disaster Incident Management | Powerful Communities: Community Action | \$ 5,000 |
| KENTON COUNTY FISCAL COURT 1840 SIMON KENTON WAY, SUITE 5200 COVINGTON KY 41011 US | 06/06/2022 | EMA Equipment Enhancement | Powerful Communities: Community Action | \$ 5,000 |
| GRANT COUNTY EMA 101 NORTH MAIN ST, SUITE 3 WILLIAMSTOWN KY 41097 US | 06/07/2022 | Equipment purchases | Powerful Communities: Community Action | \$ 5,000 |
| PENDLETON COUNTY FISCAL COURT 233 MAIN ST FALMOUTH KY 41040 US | 06/09/2022 | Duke Energy Emergency Management Grant | Powerful Communities: Community Action | \$ 5,000 |
| CATALYTIC DEVELOPMENT FUNDING CORP. OF NORTHERN KENTUCKY AKA: CATALYTIC DEVELOPMENT FUNDING CORP OF NORTHERN KENTUCKY 50 EAST RIVER CENTER BOULEVARD SUITE 260 COVINGTON KY 41011 US | 06/14/2022 | Sims Building | Urban Revitalization | \$ 30,000 |
| NORTHERN KENTUCKY AREA DEVELOPMENT DISTRICT 22 SPIRAL DRIVE FLORENCE KY 41042 US | 06/27/2022 | Assistance to Vulnerable Residents | Powerful Communities: Community Action | \$ 30,000 |
| THOMAS MORE UNIVERSITY AKA: THOMAS MORE COLLEGE 333 THOMAS MORE PARKWAY CRESTVIEW HILLS KY 41017 US | 07/29/2022 | Aquatic Biology, Environmental Science, and Water Quality Research at the Thomas More University Biology Field Station | Powerful Communities: Nature | \$ 15,000 |
| THE BOONE CONSERVANCY PO BOX 416 BURLINGTON KY 41005-0416 US | 07/31/2022 | Middle Creek Watershed Conservation Program | Powerful Communities: Nature | \$ 10,000 |
| NKY CHAMBER FOUNDATION 300 BUTTERMILK PIKE STE 330 FORT MITCHELL KY 41017 US | 09/13/2022 | Regional Youth Leadership | Powerful Communities: Local Impact | \$ 5,000 |
| VOLUNTEERS OF AMERICA INC 570 S 4TH ST LOUISVILLE KY 40202-2504 US | 08/11/2022 | Eastern KY Flood Relief | Powerful Communities: Community Action | \$ 12,500 |
| COMMONWEALTH OF KENTUCKY AKA: KENTUCKY FINANCE & ADMINISTRATION CABINET 500 MERO STREET, 218 NC FRANKFORT KY 40601 US | 08/16/2022 | Team EKY Flood Relief Fund | Powerful Communities: Community Action | \$ 12,500 |
| HOSPICE OF THE BLUEGRASS, INC. DBA BLUEGRASS CARE NAVIGATORS 51 CAVALIER DRIVE SUITE 200 FLORENCE KY 41042 US | 09/01/2022 | Removiendo Barreras for Health Equity and Inclusion for Critical Hospice and Palliative Care (Health Equity) | Powerful Communities: Local Impact | \$ 5,000 |
| CITY OF UNION 1843 BRISTOW DR UNION KY 41091 US | 08/24/2022 | Union Rice Cemetery | Powerful Communities: Local Impact | \$ 3,000 |
| EAST ROW GARDEN CLUB 637 PARK AVE NEWPORT KY 41071-2053 US | 09/02/2022 | Newport Tree Revitalize - in place of grant ID #75699691 | Internal Proposal - Administrators Only | \$ 5,000 |
| RABBIT HASH HISTORICAL SOCIETY, INC. 11646 LOWER RIVER RD UNION KY 41091 US | 09/08/2022 | Local Power Plant Support 2022 | Internal Proposal - Administrators Only | \$ 3,000 |
| CHARLES H. KELLY ELEMENTARY SCHOOL AKA: CHARLES H. KELLY ELEMENTARY SCHOOL 6775 MCVILLE ROAD BURLINGTON KY 41005 US | 09/08/2022 | Local Power Plant Support 2022 | Internal Proposal - Administrators Only | \$ 4,000 |
| NEWPORT SOUTHBANK BRIDGE COMPANY 425 YORK ST NEWPORT KY 41071-1639 US | 09/30/2022 | Purple People Bridge Enhancements | Powerful Communities: Local Impact | \$ 7,500 |
| CITY OF BELLEVUE 616 POPLAR STREET BELLEVUE KY 41073 US | 10/06/2022 | Hand's Off Safety Program | Powerful Communities: Local Impact | \$ 2,450 |
| FUND FOR COVINGTON, INC. 20 WEST PIKE ST COVINGTON KY 41011-2300 US | 10/06/2022 | Fund for Covington, Inc. | Powerful Communities: Local Impact | \$ 7,500 |
| JUNIOR ACHIEVEMENT OF KENTUCKIANA INC AKA: JUNIOR ACHIEVEMENT OF KENTUCKIANA, INC. 1401 W. MUHAMMAD ALI BLVD. LOUISVILLE KY 40203 US | 10/17/2022 | Duke Energy/JA Summer Camp Experience for young people in Southern Indiana | Powerful Communities: Local Impact | \$ 10,000 |
| CITY OF DAYTON AKA: CITY OF DAYTON 514 SIXTH AVENUE DAYTON KY 41074 US | 10/14/2022 | Dayton Bench Replacement | Powerful Communities: Local Impact | \$ 5,050 |

| Organization Information | Submitted/Request Date | Project Title | Proposal Type | Request Paid Amount |
|--|------------------------|--|--|---------------------|
| FAMILY& CHILDREN'S PLACE 525 ZANE ST. LOUISVILLE KY 40203 US | 10/19/2022 | School Based Services | Powerful Communities: Local Impact | \$ 2,215 |
| BOONE COUNTY WATER RESCUE ASSOCIATION AKA: BOONE COUNTY WATER RESCUE ASSOCIATION INC PO BOX 149 BURLINGTON KY 41005 US | 10/25/2022 | Diver Safety - Mask Replacement | Powerful Communities: Local Impact | \$ 3,300 |
| NAACP/BOWLES CENTER FOR DIVERSITY OUTREACH INC AKA: BOWLES CENTER FOR DIVERSITY OUTREACH INC. 470 LAKEVIEW DRIVE, APT 311 WILDER KY 41071 US | 10/26/2022 | Annual Freedom Fund Gala | Powerful Communities: Community Action | \$ 2,500 |
| COVINGTON CATHOLIC HIGH SCHOOL 1600 DIXIE HIGHWAY PARK HILLS KY 41011 US | 11/08/2022 | Support for Community Service activities - Covington, KY | Internal Proposal - Administrators Only | \$ 2,000 |
| | | | | \$ 4,012,887 |

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-006

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 13(b). The Company states that the number of Duke Kentucky's electric customers without AMI meters who participate in the alternative Preference Pay program is 4,677. Further refer to Duke Kentucky's response to the Attorney General's First Request, Item 5(ii.), in which the Company states that there are only 937 non-AMI meters (i.e. manual read meters and AMR meters). Reconcile these two statements.

RESPONSE:

The Company's response to AG-DR-01-013(b) included all Duke Energy Kentucky's customers. The total Duke Energy Kentucky electric customers with non-AMI meters is 647, of which 20 participate in alternative preference pay programs. The original response to AG-DR-01-005(ii) includes all Duke Energy Kentucky electric non-AMI meters of record, including all meters that require walk-by readings. There are times when an AMI meter will not communicate to the system, due to cellular connections and other technical difficulties, and those meters are then read by walk/drive-by.

PERSON RESPONSIBLE: Jacob S. Colley

Duke Energy Kentucky
Case No. 2022-00372
Attorney General’s Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-007

REQUEST:

Refer to Duke Kentucky’s response to the Attorney General’s First Request, Item 13(c).

a. Provide the total monetary amount for the Share the Light fund for 2018 – 2023, and break down the total monetary amounts between customer contributions versus shareholders contributions.

b. Explain in detail how Duke Kentucky decides to use the Share the Light funds, which the customers voluntarily contribute to.

c. Provide the total monetary amount for the Home Energy Assistance fund for 2018 – 2023, and break down the total monetary amounts between customer contributions versus shareholder contributions.

d. Explain in detail how Duke Kentucky decides to use the Home Energy Assistance funds, which the customers are required to contribute to.

RESPONSE:

a. Share the Light fund contributions are as follows:

| KY | 2018 | 2019 | 2020 | 2021 | 2022 | Jan-23 |
|-------------------------------------|-------------|-------------|-------------|-------------|-------------|---------------|
| Customer & Employee | \$26,000 | \$23,000 | \$29,000 | \$31,026 | \$32,812 | \$2,940 |
| Company Match & Corporate Donations | \$50,000 | \$48,000 | \$50,000 | \$50,000 | \$49,655 | \$2,940 |
| Total | \$76,000 | \$71,000 | \$79,000 | \$81,026 | \$82,467 | \$5,880 |

Note: Only January 2023 actuals are available at this time.

b. Duke Energy sends monthly customer, employee, and shareholder donations to Northern Kentucky Community Action Commission (NKCAC) who assists Duke Energy customers needing financial assistance.

Eligibility Requirements:

- Must be a Duke Energy gas and/or electric residential customer
- Total household income must be at or below 200% FPL guidelines
- Must have past-due charges for gas or electricity, unpaid deposit, reconnection charges.

c. See the table below for the total monetary amount for the Home Energy Assistance (HEA) fund for 2018 – January 2023 broken down by customer contributions versus shareholder contributions. January is the most recent actual data available.

| | |
|---------------------------|---------------------------|
| | 2018 through January 2023 |
| Customer Contributions | \$2,766,932 |
| Shareholder Contributions | \$129,170 |

Per Order in Case No. 2019-00366, annual shareholder funding of \$50,000 and customer contribution increase from \$0.10 to \$0.30 per meter was effective starting with the HEA physical year of July 2020.

d. The Kentucky Home Energy Assistance (HEA) program is a program in partnership with Community Action Kentucky, Northern Kentucky Community Action Commission and Duke Energy. Eligible customers may receive up to \$693 in bill assistance January through April. The program includes a subsidy component and a crisis component for households with incomes up to 200% of poverty guidelines.

- Crisis Assistance: Active Duke Energy customers who have a past-due balance and/or are in danger of disconnection can apply for

immediate crisis assistance up to \$400. The customer may also apply for enrollment for subsidy assistance.

- **Subsidy Assistance:** This program offers active Duke Energy electric or natural gas-electric combination customers an affordable electric and natural gas bill payment by providing a \$99 subsidy credit per month, up to \$693/year to their Duke Energy account for the peak heating (January-April) and cooling (July-September) seasons. The Subsidy program offers natural gas-only customers an affordable natural gas bill payment by providing a \$173.25 subsidy credit per month for the peak heating months.

PERSON RESPONSIBLE: Jacob S. Colley

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-008

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 14(b). Duke Kentucky states that the customers must provide the bill stub with account information in order to process a payment with a payment agent. Duke Kentucky further states that the agent is provided information such as the amount due on the bill and the due date. Explain whether the payment agent is provided the aforementioned information because it is contained on the bill stub, or if the agent is able to access this information in a computer system, etc.

RESPONSE:

The customer must provide the bill stub with their Duke Energy account number to the agent. The agent then enters the account number into a Point of Sale terminal. A real time lookup is made using the Duke Energy Kentucky account number. The agent is also provided the current amount owed and due date to further validate the appropriate account to process the payment.

PERSON RESPONSIBLE: Jacob S. Colley

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-009

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 14(d).

a. Duke Kentucky states that the payment agents are compensated through a \$1.50 fee charged directly to the customer, but some agents are free to the customers, which are embedded costs that get absorbed as part of the overall network model.

- i. Explain how the embedded costs are absorbed as part of the overall network model.
- ii. Explain whether Duke Kentucky or the payment agents are absorbing the embedded costs.

b. Provide the total number of customers that paid their electric bills through payment agents for each month of 2022 and 2023.

c. Provide the Duke Kentucky website hyperlink that allows customers to search for the payment agents that do not assess a payment fee.

RESPONSE:

- a.
 - i. The vendor controls the pay agent network and negotiates per transaction costs within that network. The convenience fee model allows the vendor to offer some Free pay agents within that financial model.

ii. Neither Duke Energy Kentucky nor the pay agents are absorbing any of the costs. Our contracted vendor, that runs the pay agent network, absorbs the costs of the free locations.

b. Table below reflects number of customers who paid their bill via payment agents for Months of 2022 and January 2023.

| Date | Number of Walk in Pymts | | | | | | |
|---|--------------------------------|--|--|--|--|--|--|
| Jan-22 * | 2,561 | | | | | | |
| Feb-22 * | 2,524 | | | | | | |
| Mar-22 * | 2,823 | | | | | | |
| Apr-22 | 2,042 | | | | | | |
| May-22 | 2,301 | | | | | | |
| Jun-22 | 1,997 | | | | | | |
| Jul-22 | 2,033 | | | | | | |
| Aug-22 | 2,396 | | | | | | |
| Sep-22 | 2,179 | | | | | | |
| Oct-22 | 2,318 | | | | | | |
| Nov-22 | 2,274 | | | | | | |
| Dec-22 | 2,148 | | | | | | |
| Jan-23 | 2,456 | | | | | | |
| *Prior to April 2022 conversion to SAP, KY and OH were combined. January - March 2022 walk in payment counts were estimated based on the % of KY pymts to the total for both states over the remaining months of 2022 when state specific data was tracked. | | | | | | | |

c. Customers can pay their bill in person at one of our preferred payment locations. They can search for locations at the following link: <https://www.duke-energy.com/home/billing/payment-locations>. Once the search generates the list, the customer can select the option to “Show only free locations.”

PERSON RESPONSIBLE: Jacob S. Colley

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-010

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 16. Duke Kentucky states that it was down 23 points in the 2022 J.D. Power Electric Utility Residential Study ("J.D. Power Study") as compared to the 2021 Study, and dropped to a third quartile performer within the Midwest Large Region and among all large utilities nationally. Identify all of the customers' remarks/reasons that were provided as the basis for assessing Duke Kentucky a lower score in the 2022 J.D. Power Study.

RESPONSE:

Scores for the J.D. Power Electric Utility Residential Study are calculated based on customer responses (scale = 1 to 10) to a set of weighted score questions across six factors – 'Power Quality & Reliability,' 'Price,' 'Billing & Payment,' 'Corporate Citizenship,' 'Communications,' and 'Customer Service.' As a reminder, J.D. Power does not recognize Duke Energy Kentucky as a separate utility, but rather groups it along with Duke Energy Indiana and Duke Energy Ohio to form 'Duke Energy Midwest' (DEMW). Therefore, DEMW scores represent the responses of residential customers in Indiana, Kentucky, and Ohio.

As noted in the 2022 J.D. Power Electric Utility Residential Study press release, satisfaction declined across the industry in 2022 "primarily because of a big drop in price satisfaction nationally" per John Hazen, managing director of utility intelligence at J.D.

Power. The press release further noted that scores declined as ‘more customers are experiencing higher monthly bills and feeling worse off financially.’

DEMW results align with the utility industry trends, with the 23-point year-over-year decline primarily due to lower scores across the ‘Price’ component questions. Specifically, DEMW respondents scored the following two questions the lowest – ‘Total monthly cost of electric service’ and ‘Fairness of pricing’ – with scores slightly below Midwest Large Region and National Large average levels. Customer verbatims provided further alignment, with most citing high bills/rates. A smaller number of Detractor comments focused on the company’s monopoly status and reliability concerns.

Please see the table on the following page for a listing of customer verbatims related to price pain points.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

| |
|---|
| No reason, no other choice |
| They recently raised my electric bill 50% and can't explain why. |
| Wish there was other providers or competitors to help drive prices lower. Duke energy is expensive |
| they can not even tell me what the charges on my bill are and they are very high |
| They can barely keep the lights on when it's windy. |
| Unjustly raise rates above and beyond increases in expenses. Our bill doubled |
| The rates keep increasing |
| The recent rate increase is too much |
| They are a monopoly and charge whatever they want and we can't do anything about it. |
| They're not always reliable. |
| High prices |
| High prices |
| High rates. other than that, they are great. |
| I think they over charge. |
| no choice |
| Our rates keep going up and we are having more and more outages. |
| There usually isn't a choice, so a recommendation isn't relevant |
| There's no reason to recommend them, not like anyone has a choice |
| they are to high |
| Very expensive and not very helping in bill assistance |
| Very expensive and slow outage restoration |
| High prices |
| The costs to heat our home has nearly tripled. As a senior on a low fixed income, I'm having a VERY difficult time keeping up! |
| The high surcharge and the time it takes when electric to go out to fix problem. No matter the problem they always says 4 hours |
| Price increase |
| Rates are high. We had a power outage yesterday and it took almost 24 hrs. to restore service. |

PERSON RESPONSIBLE: Jacob S. Colley

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-011

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 17(a). Explain in detail whether Duke Kentucky has implemented any of the suggestions made by the detractors concerning how to improve start/transfer electric service. Provide specific examples of each implemented suggestion.

RESPONSE:

Yes, Duke Energy Kentucky continues to enhance the customer experience based on Detractor feedback. The following actions were taken in 2022 based on feedback regarding the 'Start/Transfer Electric Service' experience:

- **Detractor Theme:** Connect service on requested date
 - In April 2022, Duke Energy launched functionality allowing customers with smart meters to request same-day or Saturday start service via the contact center – or through the online channel when the contact center is closed. Prior to this enhancement, service was typically connected the next business day or later, with same-day service only possible via phone call escalation.
- **Detractor Theme:** Improve experience of transferring service when primary account holder passes away
 - A number of milestones were completed related to improving our customer's bereavement journey. In March, an informational webpage was published as the first step in creating customer-centric improvements. In

October, training was provided regarding the new, improved bereavement policy to our contact center and revenue services employees. Beginning in November 2022, surviving spouses are able to transfer their Duke Energy account from the deceased spouse's name into their name and not have to go create a new account. This new policy creates a more compassionate customer experience and should reduce frustration associated with the old policy. The customer can keep their account number, billing preferences, product and service enrollments, and more. The bereavement website: <https://www.duke-energy.com/home/start-stop-move/account-change> was updated to reflect the new policy.

PERSON RESPONSIBLE: Jacob S. Colley

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-012

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 17(b). Explain in detail whether Duke Kentucky has implemented any of the suggestions made by the detractors concerning how to keep the customers better informed during an electric outage. Provide specific examples of each implemented suggestion.

RESPONSE:

Yes, Duke Energy Kentucky continues to enhance the customer experience based on Detractor feedback. The following actions were taken in 2022 based on feedback regarding the 'Outage' experience:

- **Detractor Theme:** Ensure all planned outages are communicated in a timely manner, with any changes to planned outage timing also communicated
 - The company designed, tested and implemented the Planned Outage Portal in DEMW in June 2022. This portal serves as the platform through which planned outages are requested, approved, and communicated to customers through their preferred channel (i.e. voice, email, and SMS text). It has enabled the company to provide consistent advance notifications to customers impacted by required outages. The tool can also be used to communicate to customers if the work needs to be rescheduled due to complications such as adverse weather.

- Also in June 2022, the company improved the communications sent to customers once the schedule outage begins. These improved outage alerts better inform customers about the work being performed as well as relating it back to advanced communications.
- **Detractor Theme:** Ensure outage communications include key data points including ETR, cause and crew status
 - Key outage related data points include ‘ETR’, ‘Crew Status Onsite’, and ‘Outage Cause’, and are provided to customers as they are entered into the system. Beginning in 2023, the company has set internal metrics targets with associated tracking/reporting for ‘Crew Status Onsite’ and ‘Outage Cause’ to improve more timely input of these key outage info points.
 - Note: DEMW was recognized as a top quartile performer with regard to texting customers to keep them informed during outages in the recently released 2022 J.D. Power Electric Utility Residential Study.
- **Detractor Theme:** Ensure all customers who believe they have registered for outage alerts receive them along with increased enrollment options
 - In April 2022, the Company expanded enrollment options for the Outage Alerts program, enabling customers to have flexibility regarding who and how outage alerts are received. With this enhancement, customers can now enroll multiple phone numbers and email addresses to receive Outage Alerts.

- In addition, the following enhancements have been identified and will be implemented in 2023:
 - Add an option for customer's to "PAUSE" alerts instead of "STOP" – which stops all future outage updates until "RESUME" occurs. Utilizing "PAUSE" provides flexibility for customers who do not wish to receive alerts for a current outage but will continue to receive them for all future outages.
 - For customers that have texted “STOP” (this action prevents future outage alerts from being sent), the Company is making this more visible for customers on our website.
 - Increase customer enrollment in the Outage Alerts program.

PERSON RESPONSIBLE: Jacob S. Colley

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

PUBLIC AG-DR-02-013

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 19(a). Duke Kentucky states that in the prior electric rate case the proposed retirement date for East Bend was 2041. But, Duke Kentucky asserts that the projected retirement date for East Bend was moved up to account for "the increasing pressures that coal units face such as increased environmental regulation and coal costs and delivery risks. The decision to retire East Bend 2 in 2035 has not been decisively made yet..."

- a. Explain in detail the increased environmental regulation.
- b. Explain in detail the coal costs issue.
- c. Explain in detail what is meant by delivery risks, and provide examples of the specific delivery risks.
- d. Explain in detail when the decision will be made concerning a definitive retirement date for East Bend 2.
- e. Explain in detail whether in lieu of retiring East Bend 2, Duke Kentucky has considered mothballing the facility in the future. If so, explain whether any cost projections of doing so have been performed, and if so, provide such projections. If not, explain why not.
- f. Provide copies of all studies/analyses that led Duke Kentucky to propose retiring East Bend 2 in 2035.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment only)

a. East Bend has already made extensive investments in its environmental systems and is well positioned going forward based on its current regulatory requirements. In the response to STAFF-DR-02-031(b), Duke Energy Kentucky identified six of the most significant EPA rulemaking initiatives that the company is currently monitoring. In STAFF-DR-03-019, Duke Energy Kentucky stated that as of today, none of these have had any significant developments that suggest additional costs will be required, but they could depending upon what EPA ultimately decides. Because they are pending rules, it is not possible to estimate any additional costs at this time. However as has been widely reported, there is a strong potential for additional regulation and other actions, particularly with respect to climate, in the time leading up to East Bend's ultimate retirement date.

b. Determining the amount of coal to purchase for generation purposes is difficult due to large swings in burn projections driven by the relationship between a generating unit's dispatch price and the dynamic energy market, which in turn is driven largely by changes in customer demand and natural gas price volatility. Uncertainty surrounding forecasted coal burns results in challenges to managing coal inventory, delivery and supply schedules, and contractual obligations. Large variations in coal demand are challenging for both coal suppliers and transportation suppliers to accommodate in real time. Because lead times to procure coal are typically longer than those for natural gas, requesting, receiving and evaluating offers as well as the negotiation of contract terms and conditions are a potentially lengthy process to complete. Additionally, the impact of bankruptcies, consolidations and coal supplier reorganizations

that have occurred in the coal sector in recent years has reduced the number of coal mine operators and allowed coal suppliers to restructure and settle into new, lower on-going production levels. These shifts have continued to put pressure on the number of operations which are critical to Duke Energy Kentucky's coal supply. Despite current market conditions, coal producers are seeing the inflationary impacts of rising costs associated with mining operations including, but not limited to, labor and equipment costs putting additional pressure on their ability to respond to changes in market demand.

c. See response to AG-DR-02-014.

d. The timing of that decision is still being evaluated and will be a function of the economics of the East Bend 2 unit, system reliability and timing of replacement generation. Based upon current planning, the retirement will occur by 2035. In this case, Duke Energy Kentucky is seeking to align its depreciation rates with the anticipated unit retirement date based upon knowledge and forecasts that exist today so that costs can be reasonably recovered and not risk saddling future customers with significant undepreciated plant at the time of retirement. Failing to align the depreciable life with the anticipated life would result in customers paying not only for the replacement generation, but also the "stranded" costs of a generating asset that was not fully depreciated at the time of its retirement.

e. According to the latest Duke Energy Kentucky Integrated Resource Plan, East Bend 2 will be retired by the year 2035. The unit is shown to be replaced with a Fixed Dispatchable Resource ("FDR"). The FDR was modeled with operational characteristics and costs of a natural gas combined cycle as a placeholder, recognizing the opportunity to revisit technology selection prior to the Certificate of Public Convenience and Necessity (CPCN) process when the most recent information would be available

regarding technology advancements and federal regulations or expansion of clean energy incentives. It is not in Duke Energy Kentucky's current plan to mothball the East Bend facility because mothballing would require the burden of ongoing oversight, maintenance and permitting costs without being assured that the asset would be reliable for customers in the future. Moreover, mothballing the plant creates significant risk in terms of PJM's capacity performance if the asset, due to mothballing, is unable to perform if and when it is called upon. Because of PJM's capacity performance construct, Duke Energy Kentucky would still have to continue to make investments, beyond the "mothballing" date, to make sure the station is capable of performing if called upon. This will only serve to negatively impact the unit's dispatch economics in PJM and likely increase the undepreciated plant prior to the unit's eventual retirement.

f. Please see Attachment AG-DR-02-013 Confidential Attachment. This file includes the six portfolios that were optimized for each of six scenarios. In general, the retirement of the East Bend 2 unit varies considerably in this analysis based on the presence of a carbon tax which can be viewed as a proxy for future environmental regulation of some kind. In the scenarios with carbon regulation, the optimal portfolios all have East Bend 2 retiring earlier, in 2027, whereas the optimal portfolios for the scenarios without a carbon tax do not retire the unit during the planning window. Based on East Bend 2 retiring as soon as 2027, it is prudent to start planning on the likelihood that East Bend 2 should economically retire sooner which is the reason for the selection of the 2035 date.

PERSON RESPONSIBLE: J. Michael Geers – a.
John D. Swez – b., c., e.
William C. Luke – e.
Scott Park – d., f.

**CONFIDENTIAL PROPRIETARY TRADE
SECRET**

**AG-DR-02-13
CONFIDENTIAL ATTACHMENT**

FILED UNDER SEAL

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-014

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 22(b).

- a. Discuss in detail Duke Kentucky's challenges in receiving coal deliveries.
- b. Discuss how potential changes in PJM rules could affect the length of East

Bend's useful life.

RESPONSE:

a. Duke Energy Kentucky has observed the declining demand for coal in the utility sector which has driven barge transportation providers to be less dependent on coal related transportation revenues as competition for limited resources has increased. Duke Energy Kentucky has also seen that with the decline of barge transportation, the barge transportation providers have chosen to scrap the older, deteriorating barges which has made for less barge availability and increased transportation costs. Barge transportation providers have also experienced difficulty hiring and maintaining experienced labor. Finally, the US coal market has seen increased demand for coal in foreign countries which could put pressure on the barge infrastructure to transport coal to the ports for export shipments versus domestic deliveries.

b. The following potential PJM specific items could have an impact on East Bend's (or other type of generators) useful life. The PJM issues could be, but are not limited to, (1) PJM Minimum Offer Price Rule (MOPR) impacting unit offers into the PJM RPM auctions, (2) PJM Capacity Performance exposure, and (3) ability to offer a generating unit

in the PJM RPM Auction with appropriate risk/reward parameters such as potential Capacity Performance charges.

PERSON RESPONSIBLE: Kimberly A. Hughes – a.
John D. Swez – b.

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-015

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 23(b). As originally posed, if PJM Interconnection ("PJM") requested East Bend to stay open past 2035 for reliability purposes, discuss how that would impact Duke Kentucky's decision to either keep East Bend open or to close the generating plant.

RESPONSE:

Since generator deactivations can alter power flows that cause a violation of transmission system reliability criteria, system upgrades may be required to correct any identified reliability violation. As the Company understands the PJM process, Duke Energy Kentucky would submit to PJM a desired deactivation date for a particular generating unit. The potential outcomes could be (1) No reliability or market power issue identified, (2) Reliability or market power issue identified, or (3) Economic or congestion impact identified.

- 1) If no Reliability or Market Power Issue is identified, the generator can retire as soon as practicable, but no earlier than second quarter following the quarter in which deactivation date notification was given. Additional notice is required for black start resources.
- 2) If a Reliability or Market Power Issue is identified, PJM will notify the Generation Owner if a reliability issue has been identified. This notice will include the specific reliability impact resulting from the proposed deactivation

of the unit, as well the time it will take to complete the Transmission upgrades necessary to alleviate reliability impact. To maintain reliability, PJM may pay the plant to continue to operate under a “Reliability Must Run” contract.

- 3) If an Economic or Congestion impact is identified, PJM will identify the potential for additional congestion due to the deactivation. However, the generator can still retire as soon as practicable, but no earlier than second quarter following the quarter in which deactivation date notification was given. Additional notice is required for black start resources.

PERSON RESPONSIBLE: John D. Swez

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-016

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 23(c). Provide the net plant balance not yet depreciated on the East Bend generating unit as of January 2023. If this information is still not available, explain in detail why the information is not available and when it will be available. Consider this an ongoing request throughout the pendency of this case.

RESPONSE:

Net plant balance, not yet depreciated, for East Bend generating plant was \$481,325,263 as of January 2023. This amount represented Net Book Value (Life only) of Production assets including land, excluding AROs.

PERSON RESPONSIBLE: Huyen C. Dang

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-017

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 23(e)(ii.), and as initially requested provide copies of all studies/analyses that led Duke Kentucky to decide not to retire Woodsdale until 2040.

RESPONSE:

Please see AG-DR-02-013 Confidential Attachment. This file shows the portfolios that we optimized for each of the six scenarios. In all cases, Woodsdale provides capacity resources to the system as peakers typically do.

PERSON RESPONSIBLE: Scott Park

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-018

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 28(a).

a. For each entity listed in the chart, provide a general overview of what the direct charges/allocated costs assigned to Duke Kentucky represent. For example, explain why Duke Energy Indiana assigns \$4,612,786 in direct charges/allocated costs to Duke Kentucky.

b. Designate whether the charges from each entity listed in the chart are direct charges or allocated costs assigned to Duke Kentucky.

RESPONSE:

a.

DE Kentucky: various direct charges

DE Ohio: customer and meter services

DEBS: various business support services

DE Carolinas: customer, transmission, distribution, and generation services

DE Florida: miscellaneous goods and services

DE Indiana: generation services

DE Progress: miscellaneous goods and services

Piedmont Natural Gas: miscellaneous goods and services

b.

| Entity | Test Period | Direct Charges | Allocated |
|---------------|--------------------|-----------------------|------------------|
| DE Kentucky | \$39,630,032 | \$39,630,032 | \$0 |
| DE Ohio | 1,218,312 | 1,218,312 | 0 |
| DEBS | 74,717,476 | 59,275,735 | 15,441,741 |
| DE Carolinas | 6,173,369 | 4,951,232 | 1,222,137 |
| DE Florida | 119,724 | 104,820 | 14,904 |
| DE Indiana | 4,612,786 | 4,612,786 | 0 |
| DE Progress | 1,471,048 | 1,340,831 | 130,217 |
| Piedmont NG | (13,492) | (289) | (13,203) |

PERSON RESPONSIBLE: Grady "Tripp" S. Carpenter

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-019

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 28(b). As originally requested, identify the specific position and person that is responsible to review the allocated costs to Duke Kentucky, and explain whether any allocated costs have ever been rejected for any reason. Provide specific examples of all rejected allocated costs.

RESPONSE:

Please see the Direct Testimony of Jeffrey R. Setser, page 17 where the allocated cost process is described. Also, per the Duke Energy Kentucky Cost Allocation Manual (CAM), page 33, filed in this case, the approval for cost allocation ratios is described. This process is performed annually as part of the budget cycle, as noted in the testimony.

On a periodic basis, but no less than annually, DEBS conducts a cost study, applying the applicable data to the allocation ratios as described in Appendix A to the DEBS Service Agreement. From these cost studies, DEBS updates the allocation percentages of each allocable operating unit (OU) to reflect the current underlying foundation of the allocation ratios. For example, annually, the OU based on the number of employees, which is primarily utilized by the human resources function within DEBS, is updated to reflect the number of employees of each of DEBS' affiliate companies. Given the volume of charges, no one individual can review all the allocated costs. Areas for the respective functions of the business review their budget costs and the monthly review

process exists to identify anomalies. While the business functions have asked questions about allocated costs, no allocated costs have ever been rejected.

PERSON RESPONSIBLE: Jeffrey R. Setser

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-020

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 31.

a. Explain why Duke Kentucky proposes to not have non-participating customers subsidize the Electric Vehicle Supply Equipment ("EVSE") program, but proposes for non-participating customers to subsidize the Make Ready Credit ("MRC") program.

b. Discuss in detail how Duke Kentucky could create the MRC program with no subsidization from non-participating customers.

RESPONSE:

a. The Company has designed both the EVSE and MRC programs such that they simplify EV adoption for customers and open the door to downward rate pressure benefit for all while minimizing or eliminating subsidization.

The EVSE Program is structured to recover the entirety of the program costs from participants, thereby mitigating the risk that any costs are shifted to non-participating customers. All direct costs associated with the EVSE Program will be tracked and maintained separately and handled separately, and excluded from the Company's revenue requirement in future base rate cases. Importantly, the EVSE Program is voluntary, which means that customers will only take on the costs of the program if they elect to participate.

The MRC program functions more like investment in the electric distribution system, limiting subsidization by non-participating customers because of the intentional

link of credit amounts to future electrical revenues of participating customers. Therefore, revenues from participating customers will serve to offset the costs of the MRC program.

b. Objection. Calls for speculation and guess work. The Company has not performed this analysis. Without waiving said objection, and to the extent discoverable, notwithstanding the aforementioned value-based design of the MRC program, the Company has not considered how to eliminate any and all possibility of subsidization. Non-participants stand to benefit from the downward rate pressure created by permanent electrical load, especially when managed. Without discounting the offset provided by EV charging revenues, investments should be borne by all that stand to benefit.

PERSON RESPONSIBLE: As to Objection, Legal
As to Response, Cormack C. Gordon

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-021

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 35. Compare and contrast the proposed Clean Energy Connection program structure and tariff ("CEC Program"), the current GoGreen Kentucky ("Rider GP") program tariff, and the current Green Source Advantage ("Rate GSA") program tariff.

RESPONSE:

The design of CEC differs from GoGreen and Green Source Advantage (GSA) as CEC enables all customer classes to subscribe to a renewable facility allowing customers to promote new local renewable generation with a month-to-month subscription. Additionally, CEC mitigates the need for customers to have contract expertise, development expertise or own property that would support the development of renewable generation.

Contrasting CEC with GSA, GSA is only available to non-residential customers providing these customers the means to contract directly with renewable developers on long-term contracts to meet their specific renewable goals and timelines.

Contrasting GoGreen with CEC, the GoGreen structure was developed at the early stage of customer renewable goals. GoGreen provides a path to Renewable Energy Certificates (RECs) which may meet some customer objectives; however, through extensive conversations with customers across all of Duke Energy's jurisdictions it has been made clear this option does not meet the evolving customer goals of both local

renewables as well as support for new generation. REC programs like GoGreen can purchase RECs from facilities but these RECs may not be connected to the grids the customer receives power from and does not necessary enable new generation through their participation.

PERSON RESPONSIBLE: Paul L. Halstead

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-022

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 38(b). Clarify whether Duke Kentucky is proposing that all commercial customers be allowed to participate in the proposed CEC Program, or only new commercial customers.

RESPONSE:

Duke Energy Kentucky is proposing that all existing and new commercial customers be allowed to participate in the CEC program.

PERSON RESPONSIBLE: Paul L. Halstead

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-023

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 39, and the Direct Testimony of Paul Halstead ("Halstead Testimony"), at 8. Mr. Halstead states in his testimony that the proposed CEC Program for low-income customers will not be subsidized, but instead is adjusted to have relatively more benefits early and less benefits later allowing for bill reductions every years. In Mr. Halstead's response to discovery he states that the subscription and bill credit for the low-income customers are fixed and levelized over the life of the program to ensure the net impact is the same each year over the life of the program. Reconcile these two statements.

RESPONSE:

The subscription is levelized for all customers and the non low-income customer's bill credit escalates over time. For the low-income customer both the subscription and bill credit are levelized providing a consistent net monthly amount over the program's life. Under both structures the bill credit is modeled to achieve the same net present value.

PERSON RESPONSIBLE: Paul L. Halstead

**Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023**

AG-DR-02-024

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 41.
Provide a detailed discussion as to why battery storage is not included in the proposed CEC
Program's initial solar project.

RESPONSE:

The program design simply considered the renewable generation for purposes of the filing.

PERSON RESPONSIBLE: Paul L. Halstead

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-025

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 47(a). Duke Kentucky states that Customer Connect is a configurable package solution provided by SAP. Explain what "SAP" stands for in this response.

RESPONSE:

SAP, the company, was founded in 1972 and is one of the world's leading producers of software. In this response, "SAP" is the software used for the Company's CIS conversion. The term "SAP" actually means System Analysis Program Development.

PERSON RESPONSIBLE: Retha I. Hunsicker

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-026

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 47(b).

Duke Kentucky asserts that advanced analytics captures real-time interactions and may predict why a customer is calling, allowing for a more streamlined experience in the "IVR."

Explain what "IVR" stands for in this response.

RESPONSE:

Interactive voice response or "IVR" is an automated business phone system feature that interacts with callers and gathers information by giving them choices via a menu. It then performs actions based on the answers of the caller through the telephone keypad or their voice response.

PERSON RESPONSIBLE: Retha I. Hunsicker

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-027

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 48.

a. Confirm that if the new Customer Connect System were deployed to Piedmont Natural Gas then that would reduce the amount of the system costs that Duke Kentucky is responsible for, which would in turn reduce costs for Duke Kentucky's customers. If this is not confirmed, explain why not in detail.

b. Explain whether there are plans for Piedmont Natural Gas to utilize the new Customer Connect System in the future, and pay a share of the associated costs. If not, explain why not.

RESPONSE:

a. Objection. This request is unreasonable, overbroad, and irrelevant. Piedmont Natural Gas is not pertinent to this case. Moreover, this request is speculative, as it asks the Company to comment on and explain something that has not occurred. Without waiving said objection, and to the extent discoverable, see response to part (b) below.

b. Objection. This request is unreasonable, overbroad, and irrelevant. Piedmont Natural Gas is not pertinent to this case. Without waiving said objection, and to the extent discoverable, Piedmont Natural Gas would require a unique configuration of the SAP system because of the specific requirements of integrating multiple sub-system interfaces that are unique to Piedmont Natural Gas. Accordingly, there are no plans for

Piedmont Natural Gas to pay a share of the costs associated with the Customer Connect system serving Duke Energy Kentucky customers.

PERSON RESPONSIBLE: As to Objections, Legal
As to Response, Retha I. Hunsicker

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-028

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 50.

a. Duke Kentucky asserts that there is \$9 million in gross plant in the pending case associated with the new Customer Connect System. Confirm that \$9 million is the total allocated cost that Duke Kentucky will have to pay for the new Customer Connect System. If this is not confirmed, provide the total allocated cost for the new Customer Connect System in which Duke Kentucky will be responsible.

b. Provide the total cost for the new Customer Connect System.

c. Provide the allocated cost for the new Customer Connect System to each of Duke Kentucky's parent/affiliated companies.

d. Provide a copy of all studies/analyses that Duke Kentucky conducted that demonstrates the total allocated cost for the new Customer Connect System is reasonable for a system of its size.

RESPONSE:

a. Duke Energy Kentucky confirms that \$9 million is the total proposed capital amount that Duke Energy Kentucky electric customers will pay.

b. Total Cost of Customer Connect – approximately \$515M capital

c. Objection. Irrelevant. Not likely to lead to the discovery of admissible or relevant evidence. The allocations of other jurisdictions is not relevant to this proceeding, which is the establishment of reasonable rates for Duke Energy Kentucky. Without

waiving said objection, and to the extent discoverable, the amount allocated to KY Electric – 1.82%.

d. The Company did not conduct a specific study demonstrating the costs were appropriate. As a general practice in the industry, utilities experience \$100-\$125 cost-per-customer to convert to a new Customer Information System. Duke Energy Kentucky falls under that range thus was deemed reasonable.

While the Company did not conduct a specific study, the Company did establish two methods of charging costs in the Customer Connect project in order to ensure that each jurisdiction was allocated a reasonable share of the system costs:

1. Direct – Costs are direct charged to the extent that it is possible. Examples of direct charging on the program comprise activities that can be attributable to a single jurisdiction (DEK, DEO and DEI), including dress rehearsals, conversion, deployment, training, change management, and warranty. In the case of DEK (Duke Energy Kentucky), direct charging primarily took place in the months surrounding the April 2022 deployment to Duke Energy Kentucky customers.
2. Allocated – Cost that cannot be direct charged are distributed to the applicable jurisdictions using the “number of customers ratio” allocation method. Our Service Company allocation factors are reviewed and updated annually by Corporate Accounting in Duke Energy’s Cost Allocation Manual. Customer Connect charges the Operating Unit “DCIS” when goods and services are for the benefit of all jurisdictions. Examples of allocated costs include planning,

design, build, validate, testing, quality assurance, project controls,
and production support.

Accounting and time charging codes were created separately for Customer Connect's direct and allocated costs. Charging guidelines were frequently communicated to program members to ensure costs were coded appropriately.

PERSON RESPONSIBLE: Retha I. Hunsicker

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-029

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 51.

a. Confirm that Duke Kentucky exclusively conducted the Decommissioning Study to determine the decommissioning costs to include in the depreciation rates for each generation facility, and the Decommissioning Study does not indicate that all of the included generation facilities will be closed and decommissioned in the near future. If this is not confirmed, explain the response in detail.

b. If the Miami Fort Unit 6 was retired in 2015, explain why this unit has not been decommissioned yet, and why there is no proposed date to decommission this unit. Include in the response a discussion of all advantages and disadvantages for the Miami Fort Unit 6 to not be decommissioned even though it was retired approximately eight years ago.

RESPONSE:

a. It is correct that the Decommissioning studies were conducted to determine the costs to be included in the depreciation rates. The purpose of the Decommissioning Study is to estimate the full cost to retire or full service value of each generation facility, so these costs can be systematically and rationally recovered through depreciation rates.

b. Duke Energy has already completed the majority of the decommissioning activities associated with Miami Fort Unit 6. Duke Energy considers that decommissioning enables future demolition of the generating unit(s). Demolition cannot occur until all chemicals, lubricants, hazardous wastes, and all forms of energy are removed from the

demolition footprint. After decommissioning is completed, the facility is then ready for demolition. Miami Fort Unit 6 is currently in a decommissioned and demolition ready state. The forthcoming demolition work is currently in a pending status.

This generating unit is physically adjacent to Miami Fort generating Units 7 and 8, which are owned by Vistra Corp., (formerly Dynegy) and are both currently operational. Significant risk to the operations of Units 7 and U8 would be encountered if Duke Energy were to conduct a Unit 6 specific demolition effort. Several common facilities interconnect operations at the site and would be directly impacted by the demolition of Unit 6.

Duke Energy's practice is to perform demolition of assets only where risks to adjacent operational equipment and personnel can be mitigated. Deferring Unit 6 demolition is safer from a personnel exposure standpoint alone. Only workers associated with the facility demolition project will be on-site which greatly reduces the total number of personnel working within the demolition boundary. The costs to perform a demolition project next to live generating units would be prohibitively high. For example, explosive felling of boiler house, turbine building, and chimney(s) would not occur due to risks to personnel and operating equipment. A more surgical and costly de-construction project would be undertaken to remove the Unit 6 assets if not completed as part of overall site demolition.

Vistra has previously announced retirement of Miami Fort Units 7 & 8 would be expected in 2025. Duke Energy is planning for site demolition work to commence in 2026. However, Vistra may advance or delay the 2025 retirement date.

PERSON RESPONSIBLE: John J. Spanos – a.
William C. Luke – b.

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-030

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 52, and to the Direct Testimony of Sarah Lawler ("Lawler Testimony"), at 13. Ms. Lawler states that East Bend is the principal source of generation to serve Duke Kentucky's customers, and is supplemented mostly with energy purchased from PJM. Explain how else Duke Kentucky supplements energy outside of the PJM purchases.

RESPONSE:

Currently, the energy sources used to serve Duke Energy Kentucky customers are generation from East Bend, Woodsdale 1-6, Walton 1-2, and Crittenden Stations, as well as energy purchases from PJM. Due to East Bend Stations relatively high capacity factor and unit size in relationship to the Duke Energy Kentucky customer demand, as noted by Witness Lawler, East Bend is the principal source of generation used to serve customers. Duke Energy Kentucky does not supplement energy outside of the PJM market.

Note that Walton 1-2 and Crittenden Stations are behind the meter solar generating units and thus, generation is not sold directly to PJM. Instead, these assets reduce the Duke Energy Kentucky customer load as seen by PJM and thus, result in less purchases from PJM (or additional sales to PJM in the case when Duke Energy Kentucky customer demand is lower than the generation production).

PERSON RESPONSIBLE: John D. Swez

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-031

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 53.

Explain what "EDU" stands for in this response.

RESPONSE:

The Company inadvertently used the term EDU in the response. It should have said other electric investor owned utilities in the Commonwealth. EDU stands for electric distribution utility. It is a commonly used term in the state of Ohio when referring to investor owned electric distribution utilities.

PERSON RESPONSIBLE: Sarah E. Lawler

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-032

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 64. Duke Kentucky asserts that some low and zero emitting resources or combination thereof can provide electricity 24 hours a day/7 days a week, when the sun is not shining, and the wind is not blowing. Provide specific examples of these resources, and include in the response whether these resources are cost-effective and a least-cost generation resource. Further, provide the locations of where these resources are currently utilized anywhere in the United States.

RESPONSE:

Examples of "low and zero emitting resources or combination thereof can provide electricity 24 hours a day/7 days a week, when the sun is not shining, and the wind is not blowing" is best represented by nuclear generation in today's world. Detailed information about the nuclear reactors in the United States can be found at:

www.eia.gov/nuclear/generation/index.html

For the time period when East Bend 2 is contemplated to be retired and replaced, natural gas fired combined cycle (CC) generation with carbon capture and sequestration (CCS) is the next most likely resource choice. New technologies may emerge in the future to cause a different technology to be chosen.

As to the cost effectiveness of nuclear and CC w/CCS, as of the time of the writing of the 2021 IRP, neither technology was specified as the costs effectiveness and risk profile

were not compelling. Since the passage of the IRA, the tax incentives for nuclear and CC w/CCS are being digested and will be analyzed and could change the value proposition of either of these resources for Duke Energy Kentucky customers.

PERSON RESPONSIBLE: Scott Park

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-033

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 65. Explain in detail when any credits/benefits/offsets of the Infrastructure and Investment Jobs Act and the Inflation Reduction Act will be included in Duke Kentucky's electric rates.

RESPONSE:

Once the the full application has been determined to meet the eligibility requirements and the Company has ultimately been awarded funding, and once known and measurable, the credits/benefits/offsets will be included in a future base rate case proceeding.

PERSON RESPONSIBLE: Sarah E. Lawler

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

PUBLIC AG-DR-02-034

REQUEST:

Refer to Duke Kentucky's supplemental response to the Attorney General's First Request, Item 65.

- a. Provide a copy of Duke Kentucky's concept paper that was submitted to the Department of Energy.
- b. Provide a copy of the letter that Duke Kentucky received from the Department of Energy on February 2, 2023.
- c. Explain what funding opportunities/awards are available to a utility under the Grid Resilience and Innovation Partnerships ("GRIP") Program.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment (a) only)

- a. Please see AG-DR-02-034(a) Confidential Attachment for the concept paper that was submitted to the Department of Energy (DOE).
- b. Please see AG-DR-02-034(b) Attachment for the letter that Duke Energy Kentucky received from the DOE on February 2, 2023.
- c. The Infrastructure Investment and Jobs Act, also known as the Bipartisan Infrastructure Law (BIL), was signed into law on November 15, 2021. The BIL appropriates more than \$62 billion to the DOE, including \$10.5 billion in funding to support Grid Resilience and Innovation Partnerships (GRIP). The GRIP funding will be awarded over a 5-year period (FY22 through FY26) to increase grid reliability and

resilience. The GRIP funding pertains to three sections of the BIL, consisting of Section 40101(c): Grid Resilience Grants; Section 40107: Smart Grid Grants; and Section 40103(b): Grid Innovation Programs. The grants will be made available in order to advance three goals:

- “1. Transform community, regional, interregional, and national resilience, including in consideration of future shifts in generation and load.
2. Catalyze and leverage private sector and non-federal public capital for impactful technology and infrastructure deployment.
3. Advance community benefits.”

Of the three programs, Duke Energy Kentucky is only eligible to apply directly for funding under Sections 40101(c) and 40107 and the grants under these sections will be competitively awarded to eligible entities. Section 40101 broadly defines an “eligible entity” as including an electric grid operator, an electricity storage operator, an electricity generator, a transmission owner or operator, a distribution provider, a fuel supplier, and any other relevant entity as may be determined by the DOE Secretary. This section does provide for set aside for small utilities, which, by definition, would include Duke Energy Kentucky. Notably, any utility that sells no more than 4,000,000 MWh of electricity a year is a small utility under Section 40101 of the BIL. Section 40107 serves to amend the Energy Independence and Security Act of 2007 and any definitions of qualifying grantees can be found in that earlier Act.

PERSON RESPONSIBLE: Amy B. Spiller

**CONFIDENTIAL PROPRIETARY TRADE
SECRET**

**AG-DR-02-034(a)
CONFIDENTIAL ATTACHMENT**

FILED UNDER SEAL



NATIONAL ENERGY TECHNOLOGY LABORATORY

Albany, OR • Morgantown, WV • Pittsburgh, PA



February 2, 2023

SENT VIA ELECTRONIC MAIL

Duke Energy Kentucky
Maeve Mason
maeve.mason@duke-energy.com

SUBJECT: Funding Opportunity Announcement (FOA) no. DE-FOA-0002740, titled “BIL – Grid Resilience and Innovation Partnerships (GRIP)” – Concept Paper review results.

Concept Paper Identification Code: TA1-249-E

Dear Maeve Mason:

Thank you for submitting a Concept Paper in response to the subject FOA. The Concept Paper for proposed project titled “Duke Energy Kentucky GRIP” was carefully reviewed in accordance with the evaluation criteria in the FOA.

Based on the results of the Concept Paper review, you (your organization) are (is) hereby **encouraged to submit a full application** in accordance with the instructions and requirements contained within the FOA by the due date/time specified on the FOA cover page. Please be advised that receiving a letter of encouragement does not guarantee that an application will be selected for negotiations leading to award.

The Department of Energy (DOE) has identified potential area(s) for improvement based on the concept paper merit review criteria identified in the FOA (see below). DOE will not provide any additional feedback or guidance beyond what is provided below.

The Concept Paper did not propose or thoroughly describe how the proposed work, if successfully accomplished, would clearly meet the objectives as stated in the FOA for the specific topic area.

The Concept Paper does not clearly describe how the proposed work aligns with and supports State, local, Tribal, regional resilience, decarbonization, or other energy strategies and plans.

The Concept Paper does not adequately identify risks and challenges, including possible mitigation strategies, and/or has not adequately shown the impact that the DOE funding and the proposed project would have on the relevant field and application.

The Concept Paper does not adequately identify strategies to ensure meaningful community and labor engagement; quality jobs and workforce development; energy and environmental justice and the Justice40 Initiative; and diversity, inclusion, accessibility—including methods to ensure accountability.

The proposed project team does not appear to have adequate qualifications, experience, capabilities, and other resources necessary to complete the proposed project.

Duke Energy Kentucky

Page 2 of 2

If your organization chooses to submit a full application, **please include the concept paper identification code identified above in your full application, preferably in the file name and on the cover page of the technical volume.** The code is specific to this concept paper submission.

Please also ensure you have carefully read the Registrations Requirements located in the FOA document. There are several one-time actions that must be completed before submitting an application in response to this FOA (e.g., register with the System for Award Management (SAM), obtain a Unique Entity Identifier (UEI) number, register with Grants.gov, and register with FedConnect.net to submit questions). It is vital that applicants address these items as soon as possible. Some may take several weeks, and failure to complete them could interfere with an applicant's ability to apply to this FOA.

The DOE will conduct a webinar on **Wednesday, February 8, 2023, 2:00 PM – 3:00 PM EST.** To register for the webinar, please copy and paste the following link into your browser:

<https://doe.webex.com/weblink/register/rfca95eb9eccfde52d05f0e59408aa2a0> . The purpose of the webinar is to discuss and emphasize FOA requirements within the FOA document that applicants may need to focus on in the full application. Attendance is not mandatory and will not positively or negatively impact the overall review of any applicant submissions. Questions will not be taken as part of this webinar.

The DOE did not make an applicant eligibility determination as part of the concept paper review.

Applicant eligibility determinations will be considered at the full application stage of the FOA process. To be considered for substantive evaluation, an applicant's submission must meet the criteria set forth in Section III.A of the FOA (Eligible Applicants). If the full application does not meet the eligibility requirements, it will be considered ineligible and removed from further evaluation.

The DOE recognizes the significant effort your organization expended to prepare a concept paper in response to this FOA. On behalf of the DOE, the FOA team would like to express our appreciation for your interest in the Grid Deployment Office and this FOA.

Sincerely,

DE-FOA-0002740 Team

Email CC:
scott.fink@duke-energy.com

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-035

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 66(a).

a. Duke Kentucky indicates that it is possible that East Bend could be retired earlier than 2035, in part if there are lower natural gas prices. Explain whether Duke Kentucky is concerned with the recent tightening of natural gas supplies as well as the fluctuations/price increases of natural gas. Further discuss in detail whether these factors will be taken into consideration when determining East Bend's retirement date.

b. Describe Duke Kentucky's efforts to secure long-term coal contracts for its East Bend facility.

RESPONSE:

a. The level of gas prices is a key variable in the economic value of the East Bend 2 unit. The various gas forecasts used in the planning scenarios are used to better understand the circumstances where economic retirement of East Bend 2 makes sense. As part of ongoing planning, those forecasts are updated, and an evaluation of the Duke Energy Kentucky system is conducted. The Company recognizes short term gas price volatility can occur periodically overtime, long term forward gas prices suggest balanced supply demand pricing given fundamental factors at this time. Gas volatility is important in addition to a number of other factors such as coal prices, cost of new generation, environmental regulations, tax incentives and PJM power prices.

b. Duke Energy Kentucky's coal procurement policy is designed to assure that we procure a reliable and consistent supply of appropriate quality coal for our coal generating station at an economic price. Coal is generally purchased under long-term contracts of one to three years in length. The Company secures both its spot (one year or less) and long-term coal supply from producers through competitive bid processes, that are evaluated thoroughly, taking into account coal quality, quantity, transportation alternatives and price, among other factors. The producer (or producers) whose coal offers the best value, particularly with regard to overall utilization costs, is selected for further negotiations to produce contracts. The Company's long-term contracts may contain provisions for periodic price adjustments or a mechanism to adjust prices based upon published market price indices. The Company has established guidelines for the amounts of coal to be placed under contract during a specific period of time, and the Coal Procurement Group follows these guidelines.

PERSON RESPONSIBLE: Scott Park – a.
Kimberly A. Hughes – b.

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-036

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 84.

a. Explain in detail whether the resources identified and discussed in the last two sentences of the above-referenced response refer to distributed resources, or company-owned resources.

b. If the last two sentences refer to distributed resources then provide all studies upon which this projection is based.

c. Provide all plans and cost estimates for upgrades to the Duke Kentucky transmission and distribution system to accommodate 200 MW of additional generation coming onto Duke Kentucky's system.

d. Explain how many of the resources would be located in Duke Energy Ohio's territory.

RESPONSE:

a. The resources identified are utility scale resources. Ownership for these resources has not been determined however, as described on page 7 of the Duke Energy Kentucky Integrated Resource Plan, new generation projects may include joint venture or sole ownership projects.

b. N/A

c. Since locations for these resources have not yet been identified, transmission and distribution system upgrade plans and cost estimates have not been developed for these projects.

d. Locations for these resources have not been identified.

PERSON RESPONSIBLE: Dominic “Nick” J. Melillo

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

PUBLIC AG-DR-02-037

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 85(a).

a. Explain why the Woodsdale generating units were primarily operating on the back-up fuel oil system instead of natural gas during the major winter storm that impacted Duke Kentucky's region from approximately December 23, 2022 – December 26, 2022.

b. Explain why Duke Kentucky expects charges in addition to credits from PJM for the above-referenced time period.

c. Duke Kentucky asserts that since the Company is an FRR capacity construct member and selected the physical option for this capacity planning year, Duke Kentucky could have a small, minimal net impact to next year's FRR capacity plan. Explain what type of net impact Duke Kentucky could have to next year's FRR capacity plan and why the net impact will occur.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET

a. Between December 23, 2022 – December 26, 2022, the volume of natural gas that the Woodsdale units would have consumed had they not operated on fuel oil (approximately 100,000 dth of natural gas per day) was not available for delivery to Woodsdale Station from the intra-day gas market. Additionally, the price of fuel oil was approximately equal to or less than the price of any additional natural gas that could have

been purchased, so running the Woodsdale units on fuel oil was economic compared to running on natural gas during this time.

[REDACTED]

[REDACTED]

[REDACTED]

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PERSON RESPONSIBLE: John D. Swez

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-038

REQUEST:

Refer to the Application, Volume 1, Tab 10.

- a. Confirm that Duke Kentucky is proposing to increase the residential service – Rate RS electric monthly customer charge from \$12.60 to \$13.00. If this is not confirmed, provide the proposed residential electric monthly customer charge.
- b. Provide a copy of all analyses/studies that Duke Kentucky relied on to determine the proposed \$13.00 residential electric monthly customer charge.

RESPONSE:

- a. Confirmed.
- b. The Company reviewed 2 items before proposing the \$13 customer charge.
 - 1) Using the overall percentage increase in the Rate RS revenue requirement from the cost of service study and applying the increase to the current customer charge, a value of \$15.70 results. This value was not proposed since it is not supported by the Company's cost of service study. Please see 2) below.
 - 2) Using the cost of service study's Rate RS revenue requirement customer component, the Company calculates a COSS supported value of \$13.56. This is calculated by taking the customer component revenue requirement and dividing by the number of bills in the test period. Although supported by the COSS, the \$13.56

value was not proposed in order to incorporate the concept of gradualism into the customer charge increase. Therefore, the Company proposes \$13.00. Calculations are available in the Company's filed Schedule M Excel file, STAFF-DR-01-056 ATTACHMENT – SCH-M and N – TEST PERIOD.

PERSON RESPONSIBLE: Bruce L. Sailors

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-039

REQUEST:

Refer to the Application generally and to KRS 278.170(2).¹

a. Explain in detail whether Duke Kentucky grants free or reduced rate service to its officers, agents, or employees. The terms officers and employees include furloughed, pensioned, and superannuated officers and employees, and persons who have become disabled or infirm in the service of the utility. If so, provide examples of all free or reduced rate service that Duke Kentucky provides.

b. Explain in detail whether Duke Kentucky exchanges free or reduced rate service with other utilities for the benefit of the officers, agent, and employees of both utilities. The terms officers and employees include furloughed, pensioned, and superannuated officers and employees, and persons who have become disabled or infirm in the service of the utility. If so, provide examples of all free or reduced rate service that Duke Kentucky provides.

c. Explain in detail whether Duke Kentucky grants free or reduced rate service to the United States. If so, provide examples of the same.

d. Explain in detail whether Duke Kentucky grants free or reduced rate service to charitable and eleemosynary institutions, or to people engaged in charitable and eleemosynary work. If so, provide examples of all free or reduced rate service that Duke Kentucky provides.

¹ <https://apps.legislature.ky.gov/law/statutes/statute.aspx?id=14067>

e. Explain in detail whether Duke Kentucky grants free or reduced rate service for the purpose of providing relief in case of flood, epidemic, pestilence, or other calamity. If so, provide examples of all free or reduced rate service that Duke Kentucky provides.

RESPONSE:

a. No. Duke Energy Kentucky charges its tariffed rates unless a special contract is approved by the Kentucky Public Service Commission. Approved special contracts are publicly available on the Commission's website.

b. No. Duke Energy Kentucky charges its tariffed rates unless a special contract is approved by the Kentucky Public Service Commission. Approved special contracts are publicly available on the Commission's website.

c. No. Duke Energy Kentucky charges its tariffed rates unless a special contract is approved by the Kentucky Public Service Commission. Approved special contracts are publicly available on the Commission's website.

d. No. Duke Energy Kentucky charges its tariffed rates unless a special contract is approved by the Kentucky Public Service Commission. Approved special contracts are publicly available on the Commission's website.

e. No. Duke Energy Kentucky charges its tariffed rates unless a special contract is approved by the Kentucky Public Service Commission. Approved special contracts are publicly available on the Commission's website. Duke Energy Kentucky follows Orders issued by the Kentucky Public Service Commission with regard to these situations, for example, see Case No. 2020-00085.

PERSON RESPONSIBLE: Legal

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-040

REQUEST:

Refer to the Spiller Testimony at 4, regarding the proposed roll in of rate base included in the environmental surcharge mechanism (“Rider ESM”) into base rates.

a. Provide an electronic copy of Duke Kentucky’s most recent environmental surcharge filing with the Commission in electronic format with all formulas intact. Duke Kentucky’s Environmental Surcharge Reports are not accessible in the Commission’s public records.

b. Provide a copy of Duke Kentucky’s Environmental Surcharge Report filed with the Commission on December 16, 2022, for the expense month of November 2022. Duke Kentucky’s Environmental Surcharge Reports are not accessible in the Commission’s public records.

c. Refer to the Environmental Surcharge Report filed with the Commission on December 16, 2022, for the expense month of November 2022, and specifically to the list of capital projects and costs incurred as reflected on ES Form 2.10. Confirm that these are the only plant-related projects that were rolled into the projected rate base amounts in the Company’s pending Application. If not confirmed, explain the response in detail.

d. Refer to the Environmental Surcharge Report filed with the Commission on December 16, 2022, for the expense month of November 2022, and specifically to the list of capital projects and costs incurred as reflected on ES Form 2.10. Confirm that all of these capital projects have been completed. If not confirmed, explain the response in detail.

e. Confirm that the recovery of costs through Rider ESM is done so using quantifications from historic period costs and not projected costs. If not confirmed, explain why not in detail.

f. Indicate whether the reduction in the Rider ESM recovery will be concurrent with the corresponding increase in base rates related to the roll in. If not, explain the response in detail.

g. Provide a calculation of the Rider ESM costs that have been included in the Company's projected test year revenue requirement showing all components of rate base (plant in service, accumulated depreciation, accumulated deferred income taxes ("ADIT"), other), all components of the return on rate base, all separate operating expenses, and any related gross-ups. In addition, provide citations to the Application schedules in which each of the various components of the cost of service were included.

h. Provide copies of all workpapers used to convert, or roll-forward, all historic costs included in the Rider ESM to the projected amounts in the test year, such as changes to the level of accumulated depreciation and ADIT.

RESPONSE:

a. Please see AG-DR-02-040 Attachment 1 for an electronic copy of Duke Energy Kentucky's most recent environmental surcharge filing with the Commission in electronic format with all formulas intact.

b. Please see AG-DR-02-040 Attachment 2 for a copy of Duke Energy Kentucky's Environmental Surcharge Report filed with the Commission on December 16, 2022, for the expense month of November 2022.

c. Confirmed. The capital projects listed on ES Form 2.10 are the only plant-related projects that were rolled into the projected rate base amounts in the Company's

pending Application.

d. Confirmed. All of the capital projects on ES Form 2.10 have been completed.

e. Confirmed. The recovery of costs through Rider ESM is done so using quantifications from historic period costs and not projected costs.

f. The reduction in the Rider ESM recovery will be concurrent with the corresponding increase in base rates related to the roll in.

g. Please see AG-DR-02-040 Attachment 3, page 1, for a calculation of the Rider ESM costs that have been included in the Company's projected test year revenue requirement including citations to the Application schedules in which each of the various components of the cost of service were included.

h. Please see AG-DR-01-112 Attachment 1 and AG-DR-01-112 Attachment 2 for the roll forward of the historic gross plant and accumulated depreciation reserve balances included in the Rider ESM to the projected amounts as of June 2023. Please see AG-DR-02-040 Attachment 3, page 2, for the roll forward of the projected June 2023 gross plant and accumulated depreciation reserve balances to the projected June 2024 balances. Please see AG-DR-02-040 Attachment 3, page 3, for the roll forward of the projected ADIT balances.

PERSON RESPONSIBLE: Lisa D. Steinkuhl

ES FORM 1.00

**DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT**

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of January 2023

Residential (Total Revenue)

| | | | | |
|--|-----------------------|---|----|------------|
| Jurisdictional E(m) | ES Form 1.10, Line 15 | = | \$ | 1,842,099 |
| Jurisdictional R(m) | ES Form 1.10, Line 16 | = | \$ | 15,347,351 |
| Environmental Surcharge Billing Factor | ES Form 1.10, Line 17 | = | | 12.00% |

Non-Residential (Net Revenue)

| | | | | |
|--|-----------------------|---|----|------------|
| Jurisdictional E(m) | ES Form 1.10, Line 15 | = | \$ | 2,415,120 |
| Jurisdictional R(m) | ES Form 1.10, Line 16 | = | \$ | 10,037,668 |
| Environmental Surcharge Billing Factor | ES Form 1.10, Line 17 | = | | 24.06% |

Effective Date for Billing: March 2, 2023

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: February 17, 2023

ES FORM 1.10

**DUKE ENERGY KENTUCKY, INC.
 ENVIRONMENTAL SURCHARGE REPORT**

Calculation of Current Month Environmental Surcharge Factors
 For the Expense Month of January 2023

| Line No. | E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery | Source | Environmental Compliance Plans |
|----------|--|-------------------|---|
| 1 | Environmental Compliance Rate Base (RB) | ES Form 2.00 | \$ 56,642,150 |
| 2 | RB ÷ 12 months | (1) ÷ 12 | \$ 4,720,179 |
| 3 | Pretax Rate of Return (ROR) | ES Form 1.20 | 7.905% |
| 4 | Return on the Environmental Compliance Rate Base (RORB) | (2) x (3) | \$ 373,130 |
| 5 | Environmental Operating Expenses (OE) | ES Form 2.00 | + \$ 4,490,045 |
| 6 | Less: Proceeds from Emission Allowance Sales (EAS) | ES Form 2.00 | - \$ - |
| 7 | Sub-Total E(m) | (4) + (5) - (6) | \$ 4,863,175 |
| 8 | Jurisdictional Allocation Ratio for Expense Month | Line 18 | 94.46% |
| 9 | Jurisdictional E(m) | (7) x (8) | \$ 4,593,755 |
| 10 | Prior Period Adjustment (if necessary) | (A) | + |
| 11 | Adjustment for (Over)/Under Recovery | ES Form 2.00 | + \$ (336,536) |
| 12 | Total Adjusted Jurisdictional E(m) | (9) + (10) + (11) | \$ 4,257,219 |
| 13 | Jurisdictional E(m) to be Recovered in Rider PSM | (7) - (9) | \$ 269,420 |

Calculation of Environmental Surcharge Billing Factors

| | | Residential (Total Revenue) | Non-Residential (Net Revenue) |
|----|--|--------------------------------|----------------------------------|
| 14 | Revenues as a Percentage of 12 Month Average Total Revenues | 43.27% | 56.73% |
| 15 | Adjusted Jurisdictional E(m) - Allocated | \$ 1,842,099 | \$ 2,415,120 |
| 16 | R(m) Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue) Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue) | \$ 15,347,351 | \$ 10,037,668 |
| 17 | Jurisdictional E(m) / R(m) | 12.00% | 24.06% |

Calculation of Jurisdictional Allocation Ratio - 12 Month Average

| | | | | |
|----|------------------|-----------------|---------------|---------|
| 18 | Retail Revenue | ES Form 3.00 | \$ 35,471,341 | 94.46% |
| 19 | Sales for Resale | Company Records | \$ 2,081,034 | 5.54% |
| 20 | Total Revenue | | \$ 37,552,375 | 100.00% |

Note: (A) Amounts determined by the Commission during six-month and two-year reviews.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
 ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

| Line No. | Capital Structure | Ratio | Cost | Weighted Cost (A) | Gross up for Tax Rate (B) | Pre-Tax Rate of Return (A)x(B) |
|----------|-------------------|----------|--------|-------------------|---------------------------|--------------------------------|
| 1 | Short-term Debt | 5.835% | 1.710% | 0.100% | | 0.100% |
| 2 | Long-term Debt | 45.931% | 4.028% | 1.850% | | 1.850% |
| 3 | Common Equity | 48.234% | 9.250% | 4.462% | 1.3346139 | 5.955% |
| 4 | Total | 100.000% | | 6.412% | | 7.905% |

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2019-00271. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

**DUKE ENERGY KENTUCKY, INC.
 ENVIRONMENTAL SURCHARGE REPORT**

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of January 2023

| Line No. | Determination of Environmental Compliance Rate Base (RB) | Source | Amount |
|-----------------|--|---------------|---------------|
| 1 | Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC | ES Form 2.10 | \$ 67,432,275 |
| 2 | Eligible Environmental Compliance CWIP Excluding AFUDC | ES Form 2.10 | - |
| 3 | Subtotal | | \$ 67,432,275 |
| 4 | <u>Additions:</u> | | |
| 5 | Inventory - Emission Allowances | ES Form 2.30 | \$ 18,468 |
| 6 | Subtotal | | \$ 18,468 |
| 7 | <u>Deductions:</u> | | |
| 8 | Accumulated Depreciation on Eligible Environmental Compliance Plant | ES Form 2.10 | \$ 5,868,489 |
| 9 | Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant | ES Form 2.10 | 4,940,104 |
| 10 | Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant | ES Form 2.10 | - |
| 11 | Subtotal | | \$ 10,808,593 |
| 12 | Environmental Compliance Rate Base | | \$ 56,642,150 |
| 13 | <u>Determination of Environmental Compliance Operating Expenses (OE)</u> | | |
| 14 | Monthly Depreciation Expense | ES Form 2.10 | \$ 138,798 |
| 15 | Monthly Taxes Other Than Income Taxes | ES Form 2.10 | \$ 65,838 |
| 16 | Monthly Amortization Expense | ES Form 2.20 | \$ 2,747,169 |
| 17 | Monthly Emission Allowance Expense | ES Form 2.30 | \$ 49 |
| 18 | Monthly Environmental Reagent Expense | ES Form 2.50 | \$ 1,538,191 |
| 19 | Total Environmental Compliance Operating Expense | | \$ 4,490,045 |
| 20 | <u>Proceeds from Emission Allowance Sales (EAS)</u> | | |
| 21 | SO ₂ Allowance Sales | | \$ - |
| 22 | NO _x Allowances Sales | | \$ - |
| 23 | Total Emission Allowance Sales | | \$ - |
| 24 | <u>(Over) / Under Recovery</u> | | |
| 25 | Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior | | \$ 3,583,222 |
| 26 | Jurisdictional E(m) Revenue Recovered in Current Expense Month | | 3,919,758 |
| 27 | (Over) / Under Recovery | | \$ (336,536) |

Note: (Over) recovery will be deducted from Jurisdictional E(m)
 Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

**DUKE ENERGY KENTUCKY, INC.
 ENVIRONMENTAL SURCHARGE REPORT**

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
 Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of January 2023

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
|-------------|-------------------------------------|---|---|---------------------------------------|---------------------------------------|---|---|------------------------------|------------------------------|
| Project No. | Description | Gross Plant in-Service Excl. AFUDC as of January-23 | Accumulated Depreciation as of January-23 | Net Plant in-Service as of January-23 | CWIP Excluding AFUDC as of January-23 | Accumulated Deferred ITC as of January-23 | Accumulated Deferred Tax Balance as of January-23 | Monthly Depreciation Expense | Monthly Property Tax Expense |
| | | | | (2)-(3) | | | | | |
| 1 | EB020290 Lined Retention Basin West | \$ 10,324,588 | \$ 1,058,106 | \$ 9,266,482 | \$ - | \$ - | \$ 1,242,027 | \$ 21,251 | \$ 9,910 |
| 2 | EB020745 Lined Retention Basin East | \$ 10,280,726 | \$ 779,401 | \$ 9,501,325 | \$ - | \$ - | \$ 405,853 | \$ 21,161 | \$ 10,161 |
| 3 | EB020298 East Bend SW/PW Reroute | \$ 29,882,379 | \$ 2,811,786 | \$ 27,070,593 | \$ - | \$ - | \$ 2,864,776 | \$ 61,508 | \$ 28,950 |
| 4 | EB021281 East Bend Landfill Cell 2 | \$ 16,944,582 | \$ 1,219,196 | \$ 15,725,386 | \$ - | \$ - | \$ 427,448 | \$ 34,878 | \$ 16,817 |
| 5 | | | | \$ - | | | | | |
| 6 | | | | \$ - | | | | | |
| 7 | | | | \$ - | | | | | |
| 8 | | | | \$ - | | | | | |
| 9 | | | | \$ - | | | | | |
| 10 | | | | \$ - | | | | | |
| 11 | | | | \$ - | | | | | |
| 12 | | | | \$ - | | | | | |
| 13 | | | | \$ - | | | | | |
| 14 | | | | \$ - | | | | | |
| 15 | | | | \$ - | | | | | |
| | | \$ 67,432,275 | \$ 5,868,489 | \$ 61,563,786 | \$ - | \$ - | \$ 4,940,104 | \$ 138,798 | \$ 65,838 |

ES FORM 2.20
 Page 1 of 3

DUKE ENERGY KENTUCKY, INC.
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of January 2023

| Line No. | Period (1) | Coal Ash ARO | | | | Coal Ash ARO and Landfill Closure | | Landfill Closure | | Total Recovery (11)=(5)+(8)+(10) | |
|----------|------------|---------------------|----------------|-------------------|----------------------------|-----------------------------------|----------------|-----------------------------|----------------|----------------------------------|----------------------------|
| | | Cash Spend (2) | COR Credit (3) | Carrying Cost (4) | Recovery: 10-Yr Amort. (5) | Ending Balance (6) | Cash Spend (7) | Recovery: 2-Month Cycle (8) | Cash Spend (9) | | Recovery: 1-Yr Amort. (10) |
| 1 | 2015 Total | Actual \$ 3,858,084 | \$ (856,412) | \$ 20,378 | \$ - | \$ 3,022,050 | \$ - | \$ - | \$ - | \$ - | \$ - |
| 2 | 2016 Total | Actual 4,486,812 | (107,052) | 379,037 | - | 7,780,847 | - | - | 291,152 | - | - |
| 3 | Jan-17 | Actual 358,148 | - | 43,243 | - | 8,182,238 | - | - | 13,108 | - | - |
| 4 | Feb-17 | Actual 424,021 | - | 40,351 | - | 8,646,610 | - | - | 14,281 | - | - |
| 5 | Mar-17 | Actual 692,184 | (26,763) | 44,724 | - | 9,356,755 | - | - | 20,225 | - | - |
| 6 | Apr-17 | Actual 254,067 | - | 50,949 | - | 9,661,771 | - | - | 30,324 | - | - |
| 7 | May-17 | Actual 608,377 | - | 56,141 | - | 10,326,289 | - | - | 34,997 | - | - |
| 8 | Jun-17 | Actual 265,619 | (26,763) | 53,472 | - | 10,618,617 | - | - | 45,594 | - | - |
| 9 | Jul-17 | Actual 220,636 | - | 51,558 | - | 10,890,811 | - | - | 30,629 | - | - |
| 10 | Aug-17 | Actual 272,053 | - | 47,731 | - | 11,210,595 | - | - | 17,432 | - | - |
| 11 | Sep-17 | Actual 233,743 | (26,763) | 44,389 | - | 11,461,984 | - | - | 23,200 | - | - |
| 12 | Oct-17 | Actual 444,793 | - | 60,670 | - | 11,967,427 | - | - | 47,545 | - | - |
| 13 | Nov-17 | Actual 525,770 | - | 68,573 | - | 12,561,770 | - | - | 33,047 | - | - |
| 14 | Dec-17 | Actual 2,482,493 | (26,763) | 82,850 | - | 15,100,350 | - | - | 18,362 | - | - |
| 15 | Jan-18 | Actual 510,525 | - | 91,185 | - | 15,702,060 | - | - | 18,843 | - | - |
| 16 | Feb-18 | Actual 89,648 | - | 91,534 | - | 15,893,242 | - | - | - | - | - |
| 17 | Mar-18 | Actual 396,977 | (26,763) | 93,696 | - | 16,347,152 | - | - | 14,037 | - | - |
| 18 | Apr-18 | Actual 132,294 | - | 111,722 | - | 16,591,168 | 173,000 | - | 36,260 | - | - |
| 19 | May-18 | Actual - | - | 112,480 | - | 16,703,648 | 100,234 | - | 88,888 | - | - |
| 20 | Jun-18 | Actual - | - | 111,870 | (202,486) | 16,613,032 | 150,901 | (173,000) | 128,843 | - | (375,486) |
| 21 | Jul-18 | Actual - | - | 111,255 | (202,486) | 16,521,801 | 196,585 | (100,234) | 16 | - | (302,720) |
| 22 | Aug-18 | Actual - | - | 110,637 | (202,486) | 16,429,952 | 321,815 | (150,901) | 29,844 | - | (353,387) |
| 23 | Sep-18 | Actual - | - | 110,014 | (202,486) | 16,337,480 | 275,135 | (196,585) | - | - | (399,071) |
| 24 | Oct-18 | Actual - | - | 109,387 | (202,486) | 16,244,381 | 69,886 | (321,815) | - | - | (524,301) |
| 25 | Nov-18 | Actual - | - | 108,756 | (202,486) | 16,150,651 | 238,428 | (275,135) | (2,498) | - | (477,621) |
| 26 | Dec-18 | Actual - | - | 108,121 | (202,486) | 16,056,286 | 263,037 | (69,886) | - | - | (272,372) |
| 27 | Jan-19 | Actual - | - | 107,481 | (202,486) | 15,961,281 | 177,996 | (238,428) | - | - | (440,914) |
| 28 | Feb-19 | Actual - | - | 106,837 | (202,486) | 15,865,632 | 150,851 | (263,037) | - | - | (465,523) |
| 29 | Mar-19 | Actual - | - | 106,188 | (202,486) | 15,769,334 | 408,609 | (177,996) | - | - | (380,482) |
| 30 | Apr-19 | Actual - | - | 105,535 | (202,486) | 15,672,383 | 1,588,547 | (150,851) | - | - | (353,337) |
| 31 | May-19 | Actual - | - | 104,878 | (202,486) | 15,574,775 | 1,641,055 | (408,609) | - | - | (611,095) |
| 32 | Jun-19 | Actual - | - | 104,216 | (202,486) | 15,476,505 | 1,423,233 | (1,588,547) | - | - | (1,791,033) |
| 33 | Jul-19 | Actual - | - | 103,550 | (202,486) | 15,377,569 | 1,368,585 | (1,641,055) | - | - | (1,843,541) |
| 34 | Aug-19 | Actual - | - | 102,880 | (202,486) | 15,277,963 | 487,759 | (1,423,233) | - | - | (1,625,719) |
| 35 | Sep-19 | Actual - | - | 102,204 | (202,486) | 15,177,681 | 47,477 | (1,368,585) | - | - | (1,571,071) |
| 36 | Oct-19 | Actual - | - | 101,524 | (202,486) | 15,076,719 | (18,595) | (487,759) | - | - | (690,245) |
| 37 | Nov-19 | Actual - | - | 100,840 | (202,486) | 14,975,073 | 330,375 | (47,477) | - | - | (249,963) |
| 38 | Dec-19 | Actual - | - | 100,151 | (202,486) | 14,872,738 | 121,640 | 18,595 | - | - | (183,891) |
| 39 | Jan-20 | Actual - | - | 99,457 | (202,486) | 14,769,709 | 77,416 | (330,375) | - | - | (532,861) |
| 40 | Feb-20 | Actual - | - | 98,759 | (202,486) | 14,665,982 | 25,184 | (121,640) | - | - | (324,126) |
| 41 | Mar-20 | Actual - | - | 98,055 | (202,486) | 14,561,551 | 27,631 | (77,416) | - | - | (279,902) |
| 42 | Apr-20 | Actual - | - | 97,347 | (202,486) | 14,456,412 | 50,807 | (25,184) | - | - | (227,670) |
| 43 | May-20 | Actual - | - | 96,635 | (202,486) | 14,350,561 | 82,538 | (27,631) | - | - | (230,117) |
| 44 | Jun-20 | Actual - | - | 95,917 | (202,486) | 14,243,992 | 133,817 | (50,807) | - | - | (253,293) |
| 45 | Jul-20 | Actual - | - | 95,194 | (202,486) | 14,136,700 | 127,493 | (82,538) | - | - | (285,024) |
| 46 | Aug-20 | Actual - | - | 94,467 | (202,486) | 14,028,681 | 64,152 | (133,817) | - | - | (336,303) |
| 47 | Sep-20 | Actual - | - | 93,735 | (202,486) | 13,919,930 | 127,860 | (127,493) | - | - | (329,979) |
| 48 | Oct-20 | Actual - | - | 92,997 | (202,486) | 13,810,441 | 226,553 | (64,152) | - | - | (266,638) |
| 49 | Nov-20 | Actual - | - | 92,255 | (202,486) | 13,700,210 | 423,320 | (127,860) | 5,465 | - | (330,346) |
| 50 | Dec-20 | Actual - | \$ - | \$ 91,508 | \$ (202,486) | \$ 13,589,232 | \$ 295,353 | \$ (226,553) | \$ 17,705 | \$ - | \$ (429,039) |

ES FORM 2.20
 Page 2 of 3

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT
 Amortization of Coal Ash ARO and Landfill Closure
 For the Expense Month of January 2023

| Line No. | Period (1) | Cash Spend (2) | COR Credit (3) | Coal Ash ARO | | | Coal Ash ARO and Landfill Closure | | Landfill Closure (a) | | Total Recovery (11)=(5)+(8)+(10) |
|----------|------------|----------------|----------------|-------------------|----------------------------|--------------------|-----------------------------------|-----------------------------|----------------------|----------------------------|----------------------------------|
| | | | | Carrying Cost (4) | Recovery: 10-Yr Amort. (5) | Ending Balance (6) | Cash Spend (7) | Recovery: 2-Month Cycle (8) | Cash Spend (9) | Recovery: 1-Yr Amort. (10) | |
| 51 | Jan-21 | Actual | | \$ 90,756 | \$ (202,486) | \$ 13,477,502 | \$ 80,328 | \$ (423,320) | \$ 19,334 | \$ - | \$ (625,806) |
| 52 | Feb-21 | Actual | | 89,998 | (202,486) | 13,365,014 | 86,810 | (295,353) | 4,714 | - | (487,639) |
| 53 | Mar-21 | Actual | | 89,235 | (202,486) | 13,251,763 | 71,335 | (80,328) | 20,845 | - | (282,814) |
| 54 | Apr-21 | Actual | | 88,468 | (202,486) | 13,137,745 | 90,503 | (86,810) | 23,069 | - | (289,296) |
| 55 | May-21 | Actual | | 87,695 | (202,486) | 13,022,954 | 208,821 | (71,335) | 11,618 | - | (273,821) |
| 56 | Jun-21 | Actual | | 86,916 | (202,486) | 12,907,384 | 245,017 | (90,503) | 10,988 | - | (292,989) |
| 57 | Jul-21 | Actual | | 86,133 | (202,486) | 12,791,031 | 102,270 | (208,821) | - | - | (411,307) |
| 58 | Aug-21 | Actual | | 85,344 | (202,486) | 12,673,889 | - | (245,017) | 144,042 | - | (447,503) |
| 59 | Sep-21 | Actual | | 84,550 | (202,486) | 12,555,953 | - | (102,270) | 309,800 | - | (304,756) |
| 60 | Oct-21 | Actual | | 83,750 | (202,486) | 12,437,217 | - | - | 411,865 | - | (202,486) |
| 61 | Nov-21 | Actual | | 82,945 | (202,486) | 12,317,676 | - | - | 388,963 | - | (202,486) |
| 62 | Dec-21 | Actual | | 82,135 | (202,486) | 12,197,325 | - | - | 194,124 | - | (202,486) |
| 63 | Jan-22 | Actual | | 81,319 | (202,486) | 12,076,158 | - | - | 105,294 | - | (202,486) |
| 64 | Feb-22 | Actual | | 80,498 | (202,486) | 11,954,170 | 103,920 | - | 27,183 | - | (202,486) |
| 65 | Mar-22 | Actual | | 79,671 | (202,486) | 11,831,355 | 131,221 | - | - | - | (202,486) |
| 66 | Apr-22 | Actual | | 78,838 | (202,486) | 11,707,707 | 137,219 | (103,920) | - | (219,095) | (525,501) |
| 67 | May-22 | Actual | | 78,000 | (202,486) | 11,583,221 | 354,133 | (131,221) | - | (219,095) | (552,802) |
| 68 | Jun-22 | Actual | | 77,156 | (202,486) | 11,457,891 | 173,833 | (137,219) | - | (219,095) | (558,800) |
| 69 | Jul-22 | Actual | | 76,306 | (202,486) | 11,331,711 | 163,275 | (354,133) | - | (219,095) | (775,714) |
| 70 | Aug-22 | Actual | | 75,451 | (202,486) | 11,204,676 | 504,873 | (173,833) | - | (219,095) | (595,414) |
| 71 | Sep-22 | Actual | | 74,589 | (202,486) | 11,076,779 | 5,755,078 | (163,275) | - | (219,095) | (584,856) |
| 72 | Oct-22 | Actual | | 73,722 | (202,486) | 10,948,015 | 1,659,808 | (504,873) | - | (219,095) | (926,454) |
| 73 | Nov-22 | Actual | | 72,849 | (202,486) | 10,818,378 | 1,120,718 | (959,180) | - | (219,095) | (1,380,761) |
| 74 | Dec-22 | Actual | | 71,971 | (202,486) | 10,687,863 | 1,312,007 | (1,291,141) | - | (219,095) | (1,712,722) |
| 75 | Jan-23 | Actual | | 71,086 | (202,486) | 10,556,463 | 316,932 | (1,571,321) | - | (219,095) | (1,992,902) |
| 76 | Feb-23 | Actual | | 70,195 | (202,486) | 10,424,172 | - | (2,008,656) | - | (219,095) | (2,430,237) |
| 77 | Mar-23 | Actual | | 69,298 | (202,486) | 10,290,984 | - | (2,325,588) | - | (219,095) | (2,747,169) |
| 78 | Apr-23 | Actual | | 68,395 | (202,486) | 10,156,893 | - | (2,008,656) | - | - | (2,211,142) |
| 79 | May-23 | Actual | | 67,486 | (202,486) | 10,021,893 | - | - | - | - | (202,486) |
| 80 | Jun-23 | Actual | | 66,571 | (202,486) | 9,885,978 | - | - | - | - | (202,486) |
| 81 | Jul-23 | Actual | | 65,649 | (202,486) | 9,749,141 | - | - | - | - | (202,486) |
| 82 | Aug-23 | Actual | | 64,722 | (202,486) | 9,611,377 | - | - | - | - | (202,486) |
| 83 | Sep-23 | Actual | | 63,788 | (202,486) | 9,472,679 | - | - | - | - | (202,486) |
| 84 | Oct-23 | Actual | | 62,847 | (202,486) | 9,333,040 | - | - | - | - | (202,486) |
| 85 | Nov-23 | Actual | | 61,901 | (202,486) | 9,192,455 | - | - | - | - | (202,486) |
| 86 | Dec-23 | Actual | | 60,948 | (202,486) | 9,050,917 | - | - | - | - | (202,486) |
| 87 | Jan-24 | Actual | | 59,988 | (202,486) | 8,908,419 | - | - | - | - | (202,486) |
| 88 | Feb-24 | Actual | | 59,022 | (202,486) | 8,764,955 | - | - | - | - | (202,486) |
| 89 | Mar-24 | Actual | | 58,049 | (202,486) | 8,620,518 | - | - | - | - | (202,486) |
| 90 | Apr-24 | Actual | | 57,070 | (202,486) | 8,475,102 | - | - | - | - | (202,486) |
| 91 | May-24 | Actual | | 56,084 | (202,486) | 8,328,700 | - | - | - | - | (202,486) |
| 92 | Jun-24 | Actual | | 55,092 | (202,486) | 8,181,306 | - | - | - | - | (202,486) |
| 93 | Jul-24 | Actual | | 54,093 | (202,486) | 8,032,913 | - | - | - | - | (202,486) |
| 94 | Aug-24 | Actual | | 53,087 | (202,486) | 7,883,514 | - | - | - | - | (202,486) |
| 95 | Sep-24 | Actual | | 52,074 | (202,486) | 7,733,102 | - | - | - | - | (202,486) |
| 96 | Oct-24 | Actual | | 51,054 | (202,486) | 7,581,670 | - | - | - | - | (202,486) |
| 97 | Nov-24 | Actual | | 50,027 | (202,486) | 7,429,211 | - | - | - | - | (202,486) |
| 98 | Dec-24 | Actual | | 48,994 | (202,486) | 7,275,719 | - | - | - | - | (202,486) |
| 99 | Jan-25 | Actual | | \$ 47,953 | \$ (202,486) | \$ 7,121,186 | \$ - | \$ - | \$ - | \$ - | \$ (202,486) |

ES FORM 2.20
Page 3 of 3

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of January 2023

| Line No. | Period (1) | Coal Ash ARO | | | | | Coal Ash ARO and Landfill Closure | | Landfill Closure | | Total Recovery (11)=(5)+(8)+(10) |
|----------|---------------|----------------|----------------|-------------------|----------------------------|--------------------|-----------------------------------|-----------------------------|------------------|----------------------------|----------------------------------|
| | | Cash Spend (2) | COR Credit (3) | Carrying Cost (4) | Recovery: 10-Yr Amort. (5) | Ending Balance (6) | Cash Spend (7) | Recovery: 2-Month Cycle (8) | Cash Spend (9) | Recovery: 1-Yr Amort. (10) | |
| 100 | Feb-25 Actual | | | \$ 46,906 | \$(202,486) | \$ 6,965,606 | \$ - | \$ - | \$ - | \$ - | \$(202,486) |
| 101 | Mar-25 Actual | | | 45,851 | (202,486) | 6,808,971 | | | | | (202,486) |
| 102 | Apr-25 Actual | | | 44,789 | (202,486) | 6,651,274 | | | | | (202,486) |
| 103 | May-25 Actual | | | 43,720 | (202,486) | 6,492,508 | | | | | (202,486) |
| 104 | Jun-25 Actual | | | 42,643 | (202,486) | 6,332,665 | | | | | (202,486) |
| 105 | Jul-25 Actual | | | 41,560 | (202,486) | 6,171,739 | | | | | (202,486) |
| 106 | Aug-25 Actual | | | 40,469 | (202,486) | 6,009,722 | | | | | (202,486) |
| 107 | Sep-25 Actual | | | 39,370 | (202,486) | 5,846,606 | | | | | (202,486) |
| 108 | Oct-25 Actual | | | 38,265 | (202,486) | 5,682,385 | | | | | (202,486) |
| 109 | Nov-25 Actual | | | 37,151 | (202,486) | 5,517,050 | | | | | (202,486) |
| 110 | Dec-25 Actual | | | 36,030 | (202,486) | 5,350,594 | | | | | (202,486) |
| 111 | Jan-26 Actual | | | 34,902 | (202,486) | 5,183,010 | | | | | (202,486) |
| 112 | Feb-26 Actual | | | 33,766 | (202,486) | 5,014,290 | | | | | (202,486) |
| 113 | Mar-26 Actual | | | 32,622 | (202,486) | 4,844,426 | | | | | (202,486) |
| 114 | Apr-26 Actual | | | 31,470 | (202,486) | 4,673,410 | | | | | (202,486) |
| 115 | May-26 Actual | | | 30,311 | (202,486) | 4,501,235 | | | | | (202,486) |
| 116 | Jun-26 Actual | | | 29,144 | (202,486) | 4,327,893 | | | | | (202,486) |
| 117 | Jul-26 Actual | | | 27,968 | (202,486) | 4,153,375 | | | | | (202,486) |
| 118 | Aug-26 Actual | | | 26,785 | (202,486) | 3,977,674 | | | | | (202,486) |
| 119 | Sep-26 Actual | | | 25,594 | (202,486) | 3,800,782 | | | | | (202,486) |
| 120 | Oct-26 Actual | | | 24,395 | (202,486) | 3,622,691 | | | | | (202,486) |
| 121 | Nov-26 Actual | | | 23,188 | (202,486) | 3,443,393 | | | | | (202,486) |
| 122 | Dec-26 Actual | | | 21,972 | (202,486) | 3,262,879 | | | | | (202,486) |
| 123 | Jan-27 Actual | | | 20,748 | (202,486) | 3,081,141 | | | | | (202,486) |
| 124 | Feb-27 Actual | | | 19,516 | (202,486) | 2,898,171 | | | | | (202,486) |
| 125 | Mar-27 Actual | | | 18,276 | (202,486) | 2,713,961 | | | | | (202,486) |
| 126 | Apr-27 Actual | | | 17,027 | (202,486) | 2,528,502 | | | | | (202,486) |
| 127 | May-27 Actual | | | 15,769 | (202,486) | 2,341,785 | | | | | (202,486) |
| 128 | Jun-27 Actual | | | 14,504 | (202,486) | 2,153,803 | | | | | (202,486) |
| 129 | Jul-27 Actual | | | 13,229 | (202,486) | 1,964,546 | | | | | (202,486) |
| 130 | Aug-27 Actual | | | 11,946 | (202,486) | 1,774,006 | | | | | (202,486) |
| 131 | Sep-27 Actual | | | 10,654 | (202,486) | 1,582,174 | | | | | (202,486) |
| 132 | Oct-27 Actual | | | 9,354 | (202,486) | 1,389,042 | | | | | (202,486) |
| 133 | Nov-27 Actual | | | 8,045 | (202,486) | 1,194,601 | | | | | (202,486) |
| 134 | Dec-27 Actual | | | 6,726 | (202,486) | 998,841 | | | | | (202,486) |
| 135 | Jan-28 Actual | | | 5,399 | (202,486) | 801,754 | | | | | (202,486) |
| 136 | Feb-28 Actual | | | 4,063 | (202,486) | 603,331 | | | | | (202,486) |
| 137 | Mar-28 Actual | | | 2,718 | (202,486) | 403,563 | | | | | (202,486) |
| 138 | Apr-28 Actual | | | 1,409 | (202,486) | 202,486 | | | | | (202,486) |
| 139 | May-28 Actual | | | - | (202,486) | - | | | | | (202,486) |
| | | \$ 16,256,244 | \$ (1,097,279) | \$ 9,139,355 | \$(24,298,320) | \$ - | \$ 23,796,779 | \$(23,796,779) | \$ 2,629,139 | \$(2,629,140) | \$(50,724,239) |

Monthly Amortization Amount

\$(2,747,169)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes \$1,110,406 of costs related to the closure of the East Landfill and \$1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

**DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT**

Inventory and Expense of Emission Allowances

For the Expense Month Ending January 2023

| Total SO₂ and NOx Emission Allowances | | | | | |
|---|------------------------|--------------------------------|-------------|------|---------------------|
| | Beginning Inventory | Allocations / Purchases (b) | Utilized | Sold | Ending Inventory |
| <u>SO₂ Allowances - Acid Rain Program (a)</u> | | | | | |
| Quantity | 203,239 | 25,041 | 120 | - | 228,160 |
| Dollars | \$ 16,266.21 | \$ - | \$ 8.40 | \$ - | \$ 16,257.81 |
| \$/Allowance | \$ 0.080035 | \$ - | \$ 0.070000 | \$ - | \$ 0.071256 |
| <u>NOx Allowances - Annual</u> | | | | | |
| Quantity | 12,017 | 3,292 | 291 | - | 15,018 |
| Dollars | \$ 2,089.25 | \$ - | \$ 40.74 | \$ - | \$ 2,048.51 |
| \$/Allowance | \$ 0.173858 | \$ - | \$ 0.140000 | \$ - | \$ 0.136404 |
| <u>NOx Allowances - Seasonal</u> | | | | | |
| Quantity | 799 | 1,061 | - | - | 1,860 |
| Dollars | \$ 162.09 | \$ - | \$ - | \$ - | \$ 162.09 |
| \$/Allowance | \$ 0.202866 | \$ - | \$ - | \$ - | \$ 0.087145 |
| <u>Total Emission Allowances</u> | | | | | |
| Quantity | 216,055 | 29,394 | 411 | - | 245,038 |
| Dollars | \$ 18,517.55 | \$ - | \$ 49.14 | \$ - | \$ 18,468.41 |

(a) Note: The SO₂ Allowances exclude the CSSO₂G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

(b) Note: Annual allowances allocated from the EPA to Duke Energy Kentucky at no cost

ES FORM 2.50

**DUKE ENERGY KENTUCKY, INC.
 ENVIRONMENTAL SURCHARGE REPORT**

Environmental Reagent Expenses

For the Expense Month of January 2023

| Line No. | Expense Type | Account Number | East Bend Unit 2 | Total |
|-----------------|---|-----------------------|-------------------------|---------------------|
| 1 | Ammonia | 502020 | \$ 82,590 | \$ 82,590 |
| 2 | Lime | 502040 | 1,363,239 | 1,363,239 |
| 3 | Hydrated Lime | 502040 | 92,362 | 92,362 |
| 4 | Magnesium Hydroxide ^(Note 1) | 502040 | - | - |
| 5 | Total | | \$ 1,538,191 | \$ 1,538,191 |

Note 1: East Bend Station's Flue Gas Desulfurization is a Magnesium Oxide based technology. It is the only one of its kind within Duke Energy's current portfolio. The Magnesium Oxide based technology requires a particular chemical construct of lime to function properly, and as such, the scrubber utilizes a "quicklime" material versus the nominal limestone which is considered a Calcium Carbonate based technology. In March of 2020 the vendor's mining facility supplying the quicklime material to East Bend discontinued operations. This facility's quicklime product contained the proper constituents including the Magnesium required for East Bend's optimal scrubber performance. Upon learning of this facility's closure, Duke Energy Kentucky began exploring different solutions to obtain scrubber material with the correct chemical composition, including different mine sources and adding chemicals to produce the correct product. The vendor made the commitment to continue meeting contractual obligations by supplying East Bend with a blended product (Dolomitic Lime and Quicklime) from an alternate facility. Unfortunately, contractually meeting the specifications of the blended commodity, the reactivity of the substitute dolomitic lime is insufficient and as a result, East Bend found itself not able to meet its scrubber limit. In order for East Bend Station to meet its SO2 scrubbing limit, the Company must add an additional chemical reagent, Magnesium Hydroxide, to the substitute blended lime to produce the correct chemical reaction and achieve East Bend's SO2 limit.

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of January 2023

| Residential - Kentucky Jurisdictional Revenues | | | | | |
|---|----------------|-----|-----|----------------------------------|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| Month | Total Revenues | | | Environmental Surcharge Revenues | Total Excluding Environmental Surcharge |
| | | | | | (2) - (5) |
| Feb-22 | \$ 19,751,655 | | | \$ 604,732 | \$ 19,146,923 |
| Mar-22 | 11,607,297 | | | 541,161 | 11,066,136 |
| Apr-22 | 12,082,416 | | | 1,006,766 | 11,075,650 |
| May-22 | 11,615,289 | | | 956,257 | 10,659,032 |
| Jun-22 | 17,910,941 | | | 1,614,789 | 16,296,152 |
| Jul-22 | 18,563,570 | | | 1,659,116 | 16,904,454 |
| Aug-22 | 18,473,401 | | | 640,890 | 17,832,511 |
| Sep-22 | 15,720,676 | | | 473,849 | 15,246,827 |
| Oct-22 | 14,512,662 | | | 548,048 | 13,964,614 |
| Nov-22 | 11,938,112 | | | 52,623 | 11,885,489 |
| Dec-22 | 22,578,516 | | | 1,519,344 | 21,059,172 |
| Jan-23 | \$ 20,997,982 | | | \$ 1,966,732 | \$ 19,031,250 |
| Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month | | | | | \$ 15,347,351 |
| Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month | | | | | \$ 35,471,341 |
| Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month | | | | | 43.27% |

| Non-Residential - Kentucky Jurisdictional Revenues | | | | | | |
|---|----------------|--------------------------|----------------------|----------------------------------|---|------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Month | Total Revenues | Base Rate Fuel Component | Fuel Clause Revenues | Environmental Surcharge Revenues | Total Excluding Environmental Surcharge | Total Non-Fuel Revenue |
| | | | | | (2) - (5) | (6) - (3) - (4) |
| Feb-22 | \$ 21,218,594 | \$ 4,675,522 | \$ 5,624,922 | \$ 492,009 | \$ 20,726,585 | \$ 10,426,141 |
| Mar-22 | 14,758,559 | 4,840,248 | (183,660) | 760,990 | 13,997,569 | 9,340,981 |
| Apr-22 | 9,200,787 | 2,373,083 | 559,030 | 832,346 | 8,368,441 | 5,436,328 |
| May-22 | 17,061,583 | 6,907,083 | 1,042,516 | 1,480,087 | 15,581,496 | 7,631,897 |
| Jun-22 | 9,290,552 | 1,390,573 | 2,437,838 | 808,874 | 8,481,678 | 4,653,267 |
| Jul-22 | 37,009,503 | 10,084,818 | 5,088,354 | 2,992,108 | 34,017,395 | 18,844,223 |
| Aug-22 | 25,443,793 | 6,923,013 | 3,607,722 | 1,214,128 | 24,229,665 | 13,698,930 |
| Sep-22 | 24,299,737 | 6,716,720 | 4,193,497 | 799,356 | 23,500,381 | 12,590,164 |
| Oct-22 | 24,400,829 | 4,890,802 | 9,320,939 | 652,974 | 23,747,855 | 9,536,114 |
| Nov-22 | 19,208,261 | 4,288,703 | 6,368,820 | 153,115 | 19,055,146 | 8,397,623 |
| Dec-22 | 26,588,963 | 5,032,858 | 10,815,378 | 1,106,356 | 25,482,607 | 9,634,371 |
| Jan-23 | \$ 26,252,084 | \$ 5,391,975 | \$ 8,645,106 | \$ 1,953,026 | \$ 24,299,058 | \$ 10,261,977 |
| Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month | | | | | \$ 20,123,990 | \$ 10,037,668 |
| Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month | | | | | \$ 35,471,341 | |
| Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month | | | | | 56.73% | |

ES FORM 1.00

**DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT**

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of November 2022

Residential (Total Revenue)

| | | | | |
|--|-----------------------|---|----|------------|
| Jurisdictional E(m) | ES Form 1.10, Line 15 | = | \$ | 1,554,043 |
| Jurisdictional R(m) | ES Form 1.10, Line 16 | = | \$ | 15,023,029 |
| Environmental Surcharge Billing Factor | ES Form 1.10, Line 17 | = | | 10.34% |

Non-Residential (Net Revenue)

| | | | | |
|--|-----------------------|---|----|------------|
| Jurisdictional E(m) | ES Form 1.10, Line 15 | = | \$ | 2,029,179 |
| Jurisdictional R(m) | ES Form 1.10, Line 16 | = | \$ | 10,070,279 |
| Environmental Surcharge Billing Factor | ES Form 1.10, Line 17 | = | | 20.15% |

Effective Date for Billing: January 3, 2023

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: December 16, 2022

ES FORM 1.10

**DUKE ENERGY KENTUCKY, INC.
 ENVIRONMENTAL SURCHARGE REPORT**

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of November 2022

| Line No. | E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery | Source | Environmental Compliance Plans |
|----------|--|-------------------|---|
| 1 | Environmental Compliance Rate Base (RB) | ES Form 2.00 | \$ 56,986,036 |
| 2 | RB + 12 months | (1) + 12 | \$ 4,748,836 |
| 3 | Pretax Rate of Return (ROR) | ES Form 1.20 | <u>7.905%</u> |
| 4 | Return on the Environmental Compliance Rate Base (RORB) | (2) x (3) | \$ 375,395 |
| 5 | Environmental Operating Expenses (OE) | ES Form 2.00 | + \$ 3,384,845 |
| 6 | Less: Proceeds from Emission Allowance Sales (EAS) | ES Form 2.00 | - \$ - |
| 7 | Sub-Total E(m) | (4) + (5) - (6) | \$ 3,760,240 |
| 8 | Jurisdictional Allocation Ratio for Expense Month | Line 18 | 96.98% |
| 9 | Jurisdictional E(m) | (7) x (8) | \$ 3,646,681 |
| 10 | Prior Period Adjustment (if necessary) | (A) | + |
| 11 | Adjustment for (Over)/Under Recovery | ES Form 2.00 | + \$ (63,459) |
| 12 | Total Adjusted Jurisdictional E(m) | (9) + (10) + (11) | <u>\$ 3,583,222</u> |
| 13 | Jurisdictional E(m) to be Recovered in Rider PSM | (7) - (9) | <u>\$ 113,559</u> |

Calculation of Environmental Surcharge Billing Factors

| | | Residential (Total Revenue) | Non-Residential (Net Revenue) |
|----|--|---------------------------------------|---|
| 14 | Revenues as a Percentage of 12 Month Average Total Revenues | 43.37% | 56.63% |
| 15 | Adjusted Jurisdictional E(m) - Allocated | \$ 1,554,043 | \$ 2,029,179 |
| 16 | R(m) Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue) Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue) | \$ 15,023,029 | \$ 10,070,279 |
| 17 | Jurisdictional E(m) / R(m) | 10.34% | 20.15% |

Calculation of Jurisdictional Allocation Ratio - 12 Month Average

| | | | | |
|----|------------------|-----------------|---------------|---------|
| 18 | Retail Revenue | ES Form 3.00 | \$ 34,638,325 | 96.98% |
| 19 | Sales for Resale | Company Records | \$ 1,077,501 | 3.02% |
| 20 | Total Revenue | | \$ 35,715,826 | 100.00% |

Note: (A) Amounts determined by the Commission during six-month and two-year reviews.

ES FORM 1.20

**DUKE ENERGY KENTUCKY, INC.
 ENVIRONMENTAL SURCHARGE REPORT**

Cost of Capital

| Line No. | Capital Structure | Ratio | Cost | Weighted Cost (A) | Gross up for Tax Rate (B) | Pre-Tax Rate of Return (A)x(B) |
|----------|-------------------|----------|--------|-------------------|---------------------------|--------------------------------|
| 1 | Short-term Debt | 5.835% | 1.710% | 0.100% | | 0.100% |
| 2 | Long-term Debt | 45.931% | 4.028% | 1.850% | | 1.850% |
| 3 | Common Equity | 48.234% | 9.250% | 4.462% | 1.3346139 | 5.955% |
| 4 | Total | 100.000% | | 6.412% | | 7.905% |

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2019-00271. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

**DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT**

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of November 2022

| Line No. | Determination of Environmental Compliance Rate Base (RB) | Source | Amount |
|----------|--|--------------|---------------|
| 1 | Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC | ES Form 2.10 | \$ 67,432,275 |
| 2 | Eligible Environmental Compliance CWIP Excluding AFUDC | ES Form 2.10 | - |
| 3 | Subtotal | | \$ 67,432,275 |
| 4 | Additions: | | |
| 5 | Inventory - Emission Allowances | ES Form 2.30 | \$ 18,592 |
| 6 | Subtotal | | \$ 18,592 |
| 7 | Deductions: | | |
| 8 | Accumulated Depreciation on Eligible Environmental Compliance Plant | ES Form 2.10 | \$ 5,590,884 |
| 9 | Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant | ES Form 2.10 | 4,873,947 |
| 10 | Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant | ES Form 2.10 | - |
| 11 | Subtotal | | \$ 10,464,831 |
| 12 | Environmental Compliance Rate Base | | \$ 56,986,036 |
| 13 | <u>Determination of Environmental Compliance Operating Expenses (OE)</u> | | |
| 14 | Monthly Depreciation Expense | ES Form 2.10 | \$ 138,798 |
| 15 | Monthly Taxes Other Than Income Taxes | ES Form 2.10 | \$ 69,178 |
| 16 | Monthly Amortization Expense | ES Form 2.20 | \$ 1,992,902 |
| 17 | Monthly Emission Allowance Expense | ES Form 2.30 | \$ 65 |
| 18 | Monthly Environmental Reagent Expense | ES Form 2.50 | \$ 1,183,902 |
| 19 | Total Environmental Compliance Operating Expense | | \$ 3,384,845 |
| 20 | <u>Proceeds from Emission Allowance Sales (EAS)</u> | | |
| 21 | SO ₂ Allowance Sales | | \$ - |
| 22 | NO _x Allowances Sales | | \$ - |
| 23 | Total Emission Allowance Sales | | \$ - |
| 24 | <u>(Over) / Under Recovery</u> | | |
| 25 | Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior | | \$ 142,279 |
| 26 | Jurisdictional E(m) Revenue Recovered in Current Expense Month | | 205,738 |
| 27 | (Over) / Under Recovery | | \$ (63,459) |

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

**DUKE ENERGY KENTUCKY, INC.
 ENVIRONMENTAL SURCHARGE REPORT**

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
 Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of November 2022

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
|-------------|-------------------------------------|--|--|--|--|--|--|------------------------------|------------------------------|
| Project No. | Description | Gross Plant in-Service Excl. AFUDC as of November-22 | Accumulated Depreciation as of November-22 | Net Plant in-Service as of November-22 | CWIP Excluding AFUDC as of November-22 | Accumulated Deferred ITC as of November-22 | Accumulated Deferred Tax Balance as of November-22 | Monthly Depreciation Expense | Monthly Property Tax Expense |
| | | | | (2)-(3) | | | | | |
| 1 | EB020290 Lined Retention Basin West | \$ 10,324,588 | \$ 1,015,603 | \$ 9,308,985 | \$ - | \$ - | \$ 1,239,481 | \$ 21,251 | \$ 10,413 |
| 2 | EB020745 Lined Retention Basin East | \$ 10,280,726 | \$ 737,078 | \$ 9,543,648 | \$ - | \$ - | \$ 390,717 | \$ 21,161 | \$ 10,676 |
| 3 | EB020298 East Bend SW/PW Reroute | \$ 29,882,379 | \$ 2,688,762 | \$ 27,193,617 | \$ - | \$ - | \$ 2,844,621 | \$ 61,508 | \$ 30,420 |
| 4 | EB021281 East Bend Landfill Cell 2 | \$ 16,944,582 | \$ 1,149,441 | \$ 15,795,141 | \$ - | \$ - | \$ 399,128 | \$ 34,878 | \$ 17,669 |
| 5 | | | | \$ - | | | | | |
| 6 | | | | \$ - | | | | | |
| 7 | | | | \$ - | | | | | |
| 8 | | | | \$ - | | | | | |
| 9 | | | | \$ - | | | | | |
| 10 | | | | \$ - | | | | | |
| 11 | | | | \$ - | | | | | |
| 12 | | | | \$ - | | | | | |
| 13 | | | | \$ - | | | | | |
| 14 | | | | \$ - | | | | | |
| 15 | | | | \$ - | | | | | |
| | | \$ 67,432,275 | \$ 5,590,884 | \$ 61,841,391 | \$ - | \$ - | \$ 4,873,947 | \$ 138,798 | \$ 69,178 |

ES FORM 2.20
 Page 1 of 3

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of November 2022

| Line No. | Period (1) | Coal Ash ARO | | | | Coal Ash ARO and Landfill Closure | | Landfill Closure | | Total Recovery (11)=(5)+(8)+(10) |
|----------|------------|---------------------|----------------|-------------------|----------------------------|-----------------------------------|----------------|-----------------------------|----------------|-------------------------------------|
| | | Cash Spend (2) | COR Credit (3) | Carrying Cost (4) | Recovery: 10-Yr Amort. (5) | Ending Balance (6) | Cash Spend (7) | Recovery: 2-Month Cycle (8) | Cash Spend (9) | |
| 1 | 2015 Total | Actual \$ 3,858,084 | \$(856,412) | \$ 20,378 | \$ - | \$ 3,022,050 | \$ - | \$ - | \$ - | \$ - |
| 2 | 2016 Total | Actual 4,486,812 | (107,052) | 379,037 | - | 7,780,847 | - | - | 291,152 | - |
| 3 | Jan-17 | Actual 358,148 | - | 43,243 | - | 8,182,238 | - | - | 13,108 | - |
| 4 | Feb-17 | Actual 424,021 | - | 40,351 | - | 8,646,610 | - | - | 14,281 | - |
| 5 | Mar-17 | Actual 692,184 | (26,763) | 44,724 | - | 9,356,755 | - | - | 20,225 | - |
| 6 | Apr-17 | Actual 254,067 | - | 50,949 | - | 9,661,771 | - | - | 30,324 | - |
| 7 | May-17 | Actual 608,377 | - | 56,141 | - | 10,326,289 | - | - | 34,997 | - |
| 8 | Jun-17 | Actual 265,619 | (26,763) | 53,472 | - | 10,618,617 | - | - | 45,594 | - |
| 9 | Jul-17 | Actual 220,636 | - | 51,558 | - | 10,890,811 | - | - | 30,629 | - |
| 10 | Aug-17 | Actual 272,053 | - | 47,731 | - | 11,210,595 | - | - | 17,432 | - |
| 11 | Sep-17 | Actual 233,743 | (26,763) | 44,389 | - | 11,461,964 | - | - | 23,200 | - |
| 12 | Oct-17 | Actual 444,793 | - | 60,670 | - | 11,967,427 | - | - | 47,545 | - |
| 13 | Nov-17 | Actual 525,770 | - | 68,573 | - | 12,561,770 | - | - | 33,047 | - |
| 14 | Dec-17 | Actual 2,482,493 | (26,763) | 82,850 | - | 15,100,350 | - | - | 18,362 | - |
| 15 | Jan-18 | Actual 510,525 | - | 91,185 | - | 15,702,060 | - | - | 18,843 | - |
| 16 | Feb-18 | Actual 89,648 | - | 91,534 | - | 15,883,242 | - | - | - | - |
| 17 | Mar-18 | Actual 396,977 | (26,763) | 93,696 | - | 16,347,152 | - | - | 14,037 | - |
| 18 | Apr-18 | Actual 132,294 | - | 111,722 | - | 16,591,168 | 173,000 | - | 36,260 | - |
| 19 | May-18 | Actual - | - | 112,480 | - | 16,703,648 | 100,234 | - | 88,888 | - |
| 20 | Jun-18 | Actual 111,870 | - | 111,870 | (202,486) | 16,613,032 | 150,901 | (173,000) | 128,843 | (375,486) |
| 21 | Jul-18 | Actual - | - | 111,255 | (202,486) | 16,521,801 | 196,585 | (100,234) | 16 | (302,720) |
| 22 | Aug-18 | Actual - | - | 110,637 | (202,486) | 16,429,952 | 321,815 | (150,901) | 29,844 | (353,387) |
| 23 | Sep-18 | Actual - | - | 110,014 | (202,486) | 16,337,480 | 275,135 | (196,585) | - | (399,071) |
| 24 | Oct-18 | Actual - | - | 109,387 | (202,486) | 16,244,381 | 69,886 | (321,815) | - | (524,301) |
| 25 | Nov-18 | Actual - | - | 108,756 | (202,486) | 16,150,651 | 238,428 | (275,135) | (2,498) | (477,621) |
| 26 | Dec-18 | Actual - | - | 108,121 | (202,486) | 16,056,286 | 263,037 | (69,886) | - | (272,372) |
| 27 | Jan-19 | Actual - | - | 107,481 | (202,486) | 15,961,281 | 177,996 | (238,428) | - | (440,914) |
| 28 | Feb-19 | Actual - | - | 106,837 | (202,486) | 15,865,632 | 150,851 | (263,037) | - | (465,523) |
| 29 | Mar-19 | Actual - | - | 106,188 | (202,486) | 15,769,334 | 408,609 | (177,996) | - | (380,482) |
| 30 | Apr-19 | Actual - | - | 105,535 | (202,486) | 15,672,383 | 1,588,547 | (150,851) | - | (353,337) |
| 31 | May-19 | Actual - | - | 104,878 | (202,486) | 15,574,775 | 1,641,055 | (408,609) | - | (611,095) |
| 32 | Jun-19 | Actual - | - | 104,216 | (202,486) | 15,476,505 | 1,423,233 | (1,588,547) | - | (1,791,039) |
| 33 | Jul-19 | Actual - | - | 103,550 | (202,486) | 15,377,569 | 1,368,585 | (1,641,055) | - | (1,843,541) |
| 34 | Aug-19 | Actual - | - | 102,880 | (202,486) | 15,277,963 | 487,759 | (1,423,233) | - | (1,625,719) |
| 35 | Sep-19 | Actual - | - | 102,204 | (202,486) | 15,177,681 | 47,477 | (1,368,585) | - | (1,571,071) |
| 36 | Oct-19 | Actual - | - | 101,524 | (202,486) | 15,076,719 | (18,595) | (487,759) | - | (690,245) |
| 37 | Nov-19 | Actual - | - | 100,840 | (202,486) | 14,975,073 | 330,375 | (47,477) | - | (249,963) |
| 38 | Dec-19 | Actual - | - | 100,151 | (202,486) | 14,872,738 | 121,640 | 18,595 | - | (183,891) |
| 39 | Jan-20 | Actual - | - | 99,457 | (202,486) | 14,769,709 | 77,416 | (330,375) | - | (532,861) |
| 40 | Feb-20 | Actual - | - | 98,759 | (202,486) | 14,665,982 | 25,184 | (121,640) | - | (324,126) |
| 41 | Mar-20 | Actual - | - | 98,055 | (202,486) | 14,561,551 | 27,631 | (77,416) | - | (279,902) |
| 42 | Apr-20 | Actual - | - | 97,347 | (202,486) | 14,456,412 | 50,807 | (25,184) | - | (227,670) |
| 43 | May-20 | Actual - | - | 96,635 | (202,486) | 14,350,561 | 82,538 | (27,631) | - | (230,117) |
| 44 | Jun-20 | Actual - | - | 95,917 | (202,486) | 14,243,992 | 133,817 | (50,807) | - | (253,293) |
| 45 | Jul-20 | Actual - | - | 95,194 | (202,486) | 14,136,700 | 127,493 | (82,538) | - | (285,024) |
| 46 | Aug-20 | Actual - | - | 94,467 | (202,486) | 14,028,681 | 64,152 | (133,817) | - | (336,303) |
| 47 | Sep-20 | Actual - | - | 93,735 | (202,486) | 13,919,930 | 127,860 | (127,493) | - | (329,979) |
| 48 | Oct-20 | Actual - | - | 92,997 | (202,486) | 13,810,441 | 226,553 | (64,152) | - | (266,638) |
| 49 | Nov-20 | Actual - | - | 92,255 | (202,486) | 13,700,210 | 423,320 | (127,860) | 5,465 | (330,346) |
| 50 | Dec-20 | Actual - | \$ - | \$ 91,508 | \$(202,486) | \$ 13,589,232 | \$ 295,353 | \$(226,553) | \$ 17,705 | \$ (429,039) |

ES FORM 2.20
 Page 2 of 3

DUKE ENERGY KENTUCKY, INC.
 ENVIRONMENTAL SURCHARGE REPORT
 Amortization of Coal Ash ARO and Landfill Closure
 For the Expense Month of November 2022

| Line No. | Period (1) | Coal Ash ARO | | | | Coal Ash ARO and Landfill Closure | | Landfill Closure (a) | | Total Recovery (11)=(5)+(8)+(10) | | |
|----------|------------|----------------|----------------|-------------------|----------------------------|-----------------------------------|----------------|-----------------------------|----------------|----------------------------------|----------------------------|--------------|
| | | Cash Spend (2) | COR Credit (3) | Carrying Cost (4) | Recovery: 10-Yr Amort. (5) | Ending Balance (6) | Cash Spend (7) | Recovery: 2-Month Cycle (8) | Cash Spend (9) | | Recovery: 1-Yr Amort. (10) | |
| 51 | Jan-21 | Actual | | \$ - | \$ 90,756 | \$ (202,486) | \$ 13,477,502 | \$ 80,328 | \$ (423,320) | \$ 19,334 | \$ - | \$ (625,806) |
| 52 | Feb-21 | Actual | | | 89,998 | (202,486) | 13,365,014 | 86,810 | (295,353) | 4,714 | - | (497,839) |
| 53 | Mar-21 | Actual | | | 89,235 | (202,486) | 13,251,763 | 71,335 | (80,328) | 20,845 | - | (282,814) |
| 54 | Apr-21 | Actual | | | 88,468 | (202,486) | 13,137,745 | 90,503 | (86,810) | 23,069 | - | (289,296) |
| 55 | May-21 | Actual | | | 87,695 | (202,486) | 13,022,954 | 208,821 | (71,335) | 11,618 | - | (273,821) |
| 56 | Jun-21 | Actual | | | 86,916 | (202,486) | 12,907,384 | 245,017 | (90,503) | 10,988 | - | (292,989) |
| 57 | Jul-21 | Actual | | | 86,133 | (202,486) | 12,791,031 | 102,270 | (208,821) | - | - | (411,307) |
| 58 | Aug-21 | Actual | | | 85,344 | (202,486) | 12,673,889 | - | (245,017) | 144,042 | - | (447,503) |
| 59 | Sep-21 | Actual | | | 84,550 | (202,486) | 12,555,953 | - | (102,270) | 309,800 | - | (304,756) |
| 60 | Oct-21 | Actual | | | 83,750 | (202,486) | 12,437,217 | - | - | 411,865 | - | (202,486) |
| 61 | Nov-21 | Actual | | | 82,945 | (202,486) | 12,317,676 | - | - | 388,963 | - | (202,486) |
| 62 | Dec-21 | Actual | | | 82,135 | (202,486) | 12,197,325 | - | - | 194,124 | - | (202,486) |
| 63 | Jan-22 | Actual | | | 81,319 | (202,486) | 12,076,158 | - | - | 105,294 | - | (202,486) |
| 64 | Feb-22 | Actual | | | 80,498 | (202,486) | 11,954,170 | 103,920 | - | 27,183 | - | (202,486) |
| 65 | Mar-22 | Actual | | | 79,671 | (202,486) | 11,831,355 | 131,221 | - | - | - | (202,486) |
| 66 | Apr-22 | Actual | | | 78,838 | (202,486) | 11,707,707 | 137,219 | (103,920) | - | (219,095) | (525,501) |
| 67 | May-22 | Actual | | | 78,000 | (202,486) | 11,583,221 | 354,133 | (131,221) | - | (219,095) | (552,802) |
| 68 | Jun-22 | Actual | | | 77,156 | (202,486) | 11,457,891 | 173,833 | (137,219) | - | (219,095) | (558,800) |
| 69 | Jul-22 | Actual | | | 76,306 | (202,486) | 11,331,711 | 163,275 | (354,133) | - | (219,095) | (775,714) |
| 70 | Aug-22 | Actual | | | 75,451 | (202,486) | 11,204,676 | 504,873 | (173,833) | - | (219,095) | (595,414) |
| 71 | Sep-22 | Actual | | | 74,589 | (202,486) | 11,076,779 | 5,755,078 | (163,275) | - | (219,095) | (584,856) |
| 72 | Oct-22 | Actual | | | 73,722 | (202,486) | 10,948,015 | 1,659,808 | (504,873) | - | (219,095) | (926,454) |
| 73 | Nov-22 | Actual | | | 72,849 | (202,486) | 10,818,378 | 1,120,718 | (959,180) | - | (219,095) | (1,380,761) |
| 74 | Dec-22 | Actual | | | 71,971 | (202,486) | 10,687,863 | - | (1,291,141) | - | (219,095) | (1,712,722) |
| 75 | Jan-23 | Actual | | | 71,086 | (202,486) | 10,556,463 | - | (1,571,321) | - | (219,095) | (1,992,902) |
| 76 | Feb-23 | Actual | | | 70,195 | (202,486) | 10,424,172 | - | (1,571,321) | - | (219,095) | (1,992,902) |
| 77 | Mar-23 | Actual | | | 69,298 | (202,486) | 10,290,984 | - | (1,571,321) | - | (219,095) | (1,992,902) |
| 78 | Apr-23 | Actual | | | 68,395 | (202,486) | 10,156,893 | - | (1,571,321) | - | - | (1,773,807) |
| 79 | May-23 | Actual | | | 67,486 | (202,486) | 10,021,893 | - | - | - | - | (202,486) |
| 80 | Jun-23 | Actual | | | 66,571 | (202,486) | 9,885,978 | - | - | - | - | (202,486) |
| 81 | Jul-23 | Actual | | | 65,649 | (202,486) | 9,749,141 | - | - | - | - | (202,486) |
| 82 | Aug-23 | Actual | | | 64,722 | (202,486) | 9,611,377 | - | - | - | - | (202,486) |
| 83 | Sep-23 | Actual | | | 63,788 | (202,486) | 9,472,679 | - | - | - | - | (202,486) |
| 84 | Oct-23 | Actual | | | 62,847 | (202,486) | 9,333,040 | - | - | - | - | (202,486) |
| 85 | Nov-23 | Actual | | | 61,901 | (202,486) | 9,192,455 | - | - | - | - | (202,486) |
| 86 | Dec-23 | Actual | | | 60,948 | (202,486) | 9,050,917 | - | - | - | - | (202,486) |
| 87 | Jan-24 | Actual | | | 59,988 | (202,486) | 8,908,419 | - | - | - | - | (202,486) |
| 88 | Feb-24 | Actual | | | 59,022 | (202,486) | 8,764,955 | - | - | - | - | (202,486) |
| 89 | Mar-24 | Actual | | | 58,049 | (202,486) | 8,620,518 | - | - | - | - | (202,486) |
| 90 | Apr-24 | Actual | | | 57,070 | (202,486) | 8,475,102 | - | - | - | - | (202,486) |
| 91 | May-24 | Actual | | | 56,084 | (202,486) | 8,328,700 | - | - | - | - | (202,486) |
| 92 | Jun-24 | Actual | | | 55,092 | (202,486) | 8,181,306 | - | - | - | - | (202,486) |
| 93 | Jul-24 | Actual | | | 54,093 | (202,486) | 8,032,913 | - | - | - | - | (202,486) |
| 94 | Aug-24 | Actual | | | 53,087 | (202,486) | 7,883,514 | - | - | - | - | (202,486) |
| 95 | Sep-24 | Actual | | | 52,074 | (202,486) | 7,733,102 | - | - | - | - | (202,486) |
| 96 | Oct-24 | Actual | | | 51,054 | (202,486) | 7,581,670 | - | - | - | - | (202,486) |
| 97 | Nov-24 | Actual | | | 50,027 | (202,486) | 7,429,211 | - | - | - | - | (202,486) |
| 98 | Dec-24 | Actual | | | 48,994 | (202,486) | 7,275,719 | - | - | - | - | (202,486) |
| 99 | Jan-25 | Actual | | | \$ 47,953 | \$ (202,486) | \$ 7,121,186 | \$ - | \$ - | \$ - | \$ - | \$ (202,486) |

ES FORM 2.20
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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT
 Amortization of Coal Ash ARO and Landfill Closure
 For the Expense Month of November 2022

| Line No. | Period (1) | Coal Ash ARO | | | | Coal Ash ARO and Landfill Closure | | Landfill Closure | | Total Recovery (11)=(5)+(8)+(10) | |
|----------|------------|----------------|----------------|-------------------|----------------------------|-----------------------------------|----------------|-----------------------------|----------------|----------------------------------|----------------------------|
| | | Cash Spend (2) | COR Credit (3) | Carrying Cost (4) | Recovery: 10-Yr Amort. (5) | Ending Balance (6) | Cash Spend (7) | Recovery: 2-Month Cycle (8) | Cash Spend (9) | | Recovery: 1-Yr Amort. (10) |
| 100 | Feb-25 | Actual | | \$ 46,906 | \$(202,486) | \$ 6,965,606 | \$ - | \$ - | \$ - | \$ - | \$(202,486) |
| 101 | Mar-25 | Actual | | 45,851 | (202,486) | 6,808,971 | - | - | - | - | (202,486) |
| 102 | Apr-25 | Actual | | 44,789 | (202,486) | 6,651,274 | - | - | - | - | (202,486) |
| 103 | May-25 | Actual | | 43,720 | (202,486) | 6,492,508 | - | - | - | - | (202,486) |
| 104 | Jun-25 | Actual | | 42,643 | (202,486) | 6,332,665 | - | - | - | - | (202,486) |
| 105 | Jul-25 | Actual | | 41,560 | (202,486) | 6,171,739 | - | - | - | - | (202,486) |
| 106 | Aug-25 | Actual | | 40,469 | (202,486) | 6,009,722 | - | - | - | - | (202,486) |
| 107 | Sep-25 | Actual | | 39,370 | (202,486) | 5,846,606 | - | - | - | - | (202,486) |
| 108 | Oct-25 | Actual | | 38,265 | (202,486) | 5,682,385 | - | - | - | - | (202,486) |
| 109 | Nov-25 | Actual | | 37,151 | (202,486) | 5,517,050 | - | - | - | - | (202,486) |
| 110 | Dec-25 | Actual | | 36,030 | (202,486) | 5,350,594 | - | - | - | - | (202,486) |
| 111 | Jan-26 | Actual | | 34,902 | (202,486) | 5,183,010 | - | - | - | - | (202,486) |
| 112 | Feb-26 | Actual | | 33,766 | (202,486) | 5,014,290 | - | - | - | - | (202,486) |
| 113 | Mar-26 | Actual | | 32,622 | (202,486) | 4,844,426 | - | - | - | - | (202,486) |
| 114 | Apr-26 | Actual | | 31,470 | (202,486) | 4,673,410 | - | - | - | - | (202,486) |
| 115 | May-26 | Actual | | 30,311 | (202,486) | 4,501,235 | - | - | - | - | (202,486) |
| 116 | Jun-26 | Actual | | 29,144 | (202,486) | 4,327,893 | - | - | - | - | (202,486) |
| 117 | Jul-26 | Actual | | 27,968 | (202,486) | 4,153,375 | - | - | - | - | (202,486) |
| 118 | Aug-26 | Actual | | 26,785 | (202,486) | 3,977,674 | - | - | - | - | (202,486) |
| 119 | Sep-26 | Actual | | 25,594 | (202,486) | 3,800,782 | - | - | - | - | (202,486) |
| 120 | Oct-26 | Actual | | 24,395 | (202,486) | 3,622,691 | - | - | - | - | (202,486) |
| 121 | Nov-26 | Actual | | 23,188 | (202,486) | 3,443,393 | - | - | - | - | (202,486) |
| 122 | Dec-26 | Actual | | 21,972 | (202,486) | 3,262,879 | - | - | - | - | (202,486) |
| 123 | Jan-27 | Actual | | 20,748 | (202,486) | 3,081,141 | - | - | - | - | (202,486) |
| 124 | Feb-27 | Actual | | 19,516 | (202,486) | 2,898,171 | - | - | - | - | (202,486) |
| 125 | Mar-27 | Actual | | 18,276 | (202,486) | 2,713,961 | - | - | - | - | (202,486) |
| 126 | Apr-27 | Actual | | 17,027 | (202,486) | 2,528,502 | - | - | - | - | (202,486) |
| 127 | May-27 | Actual | | 15,769 | (202,486) | 2,341,785 | - | - | - | - | (202,486) |
| 128 | Jun-27 | Actual | | 14,504 | (202,486) | 2,153,803 | - | - | - | - | (202,486) |
| 129 | Jul-27 | Actual | | 13,229 | (202,486) | 1,964,546 | - | - | - | - | (202,486) |
| 130 | Aug-27 | Actual | | 11,946 | (202,486) | 1,774,006 | - | - | - | - | (202,486) |
| 131 | Sep-27 | Actual | | 10,654 | (202,486) | 1,582,174 | - | - | - | - | (202,486) |
| 132 | Oct-27 | Actual | | 9,354 | (202,486) | 1,389,042 | - | - | - | - | (202,486) |
| 133 | Nov-27 | Actual | | 8,045 | (202,486) | 1,194,601 | - | - | - | - | (202,486) |
| 134 | Dec-27 | Actual | | 6,726 | (202,486) | 998,841 | - | - | - | - | (202,486) |
| 135 | Jan-28 | Actual | | 5,399 | (202,486) | 801,754 | - | - | - | - | (202,486) |
| 136 | Feb-28 | Actual | | 4,063 | (202,486) | 603,331 | - | - | - | - | (202,486) |
| 137 | Mar-28 | Actual | | 2,718 | (202,486) | 403,563 | - | - | - | - | (202,486) |
| 138 | Apr-28 | Actual | | 1,409 | (202,486) | 202,486 | - | - | - | - | (202,486) |
| 139 | May-28 | Actual | | - | (202,486) | - | - | - | - | - | (202,486) |
| | | | \$ 16,256,244 | \$(1,097,279) | \$ 9,139,355 | \$(24,298,320) | \$ 22,167,840 | \$(22,167,840) | \$ 2,629,139 | \$(2,629,140) | \$ (49,095,300) |

Monthly Amortization Amount

\$ (1,992,902)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes \$1,110,406 of costs related to the closure of the East Landfill and \$1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending November 2022

| Total SO₂ and NOx Emission Allowances | | | | | |
|--|------------------------|----------------------------|-------------|------|---------------------|
| | Beginning Inventory | Allocations / Purchases | Utilized | Sold | Ending Inventory |
| SO₂ Allowances - Acid Rain Program (a) | | | | | |
| Quantity | 203,489 | - | 117 | - | 203,372 |
| Dollars | \$ 16,286.21 | \$ - | \$ 9.36 | \$ - | \$ 16,276.85 |
| \$/Allowance | \$ 0.080035 | \$ - | \$ 0.080000 | \$ - | \$ 0.080035 |
| NOx Allowances - Annual | | | | | |
| Quantity | 12,716 | - | 325 | - | 12,391 |
| Dollars | \$ 2,208.08 | \$ - | \$ 55.25 | \$ - | \$ 2,152.83 |
| \$/Allowance | \$ 0.173646 | \$ - | \$ 0.170000 | \$ - | \$ 0.173741 |
| NOx Allowances - Seasonal | | | | | |
| Quantity | 799 | - | - | - | 799 |
| Dollars | \$ 162.09 | \$ - | \$ - | \$ - | \$ 162.09 |
| \$/Allowance | \$ 0.202861 | \$ - | \$ - | \$ - | \$ 0.202861 |
| Total Emission Allowances | | | | | |
| Quantity | 217,004 | - | 442 | - | 216,562 |
| Dollars | \$ 18,656.38 | \$ - | \$ 64.61 | \$ - | \$ 18,591.77 |

(a) Note: The SO₂ Allowances exclude the CSSO₂G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of November 2022

| Line No. | Expense Type | Account Number | East Bend Unit 2 | Total |
|-----------------|---|-----------------------|-------------------------|---------------------|
| 1 | Ammonia | 502020 | \$ 46,217 | \$ 46,217 |
| 2 | Lime | 502040 | 1,049,192 | 1,049,192 |
| 3 | Hydrated Lime | 502040 | 88,493 | 88,493 |
| 4 | Magnesium Hydroxide ^(Note 1) | 502040 | - | - |
| 5 | Total | | \$ 1,183,902 | \$ 1,183,902 |

Note 1: East Bend Station's Flue Gas Desulfurization is a Magnesium Oxide based technology. It is the only one of its kind within Duke Energy's current portfolio. The Magnesium Oxide based technology requires a particular chemical construct of lime to function properly, and as such, the scrubber utilizes a "quicklime" material versus the nominal limestone which is considered a Calcium Carbonate based technology. In March of 2020 the vendor's mining facility supplying the quicklime material to East Bend discontinued operations. This facility's quicklime product contained the proper constituents including the Magnesium required for East Bend's optimal scrubber performance. Upon learning of this facility's closure, Duke Energy Kentucky began exploring different solutions to obtain scrubber material with the correct chemical composition, including different mine sources and adding chemicals to produce the correct product. The vendor made the commitment to continue meeting contractual obligations by supplying East Bend with a blended product (Dolomitic Lime and Quicklime) from an alternate facility. Unfortunately, contractually meeting the specifications of the blended commodity, the reactivity of the substitute dolomitic lime is insufficient and as a result, East Bend found itself not able to meet its scrubber limit. In order for East Bend Station to meet its SO2 scrubbing limit, the Company must add an additional chemical reagent, Magnesium Hydroxide, to the substitute blended lime to produce the correct chemical reaction and achieve East Bend's SO2 limit.

ES FORM 3.00

**DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT**

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of November 2022

| Residential - Kentucky Jurisdictional Revenues | | | | | |
|---|----------------|-----|-----|----------------------------------|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| Month | Total Revenues | | | Environmental Surcharge Revenues | Total Excluding Environmental Surcharge |
| | | | | | (2) - (5) |
| Dec-21 | \$ 16,001,721 | | | \$ 510,096 | \$ 15,491,625 |
| Jan-22 | 21,318,327 | | | 611,393 | 20,706,934 |
| Feb-22 | 19,751,655 | | | 604,732 | 19,146,923 |
| Mar-22 | 11,607,297 | | | 541,161 | 11,066,136 |
| Apr-22 | 12,082,416 | | | 1,006,766 | 11,075,650 |
| May-22 | 11,615,289 | | | 956,257 | 10,659,032 |
| Jun-22 | 17,910,941 | | | 1,614,789 | 16,296,152 |
| Jul-22 | 18,563,570 | | | 1,659,116 | 16,904,454 |
| Aug-22 | 18,473,401 | | | 640,890 | 17,832,511 |
| Sep-22 | 15,720,676 | | | 473,849 | 15,246,827 |
| Oct-22 | 14,512,662 | | | 548,048 | 13,964,614 |
| Nov-22 | \$ 11,938,112 | | | \$ 52,623 | \$ 11,885,489 |
| Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month | | | | | \$ 15,023,029 |
| Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month | | | | | \$ 34,638,325 |
| Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month | | | | | 43.37% |

| Non-Residential - Kentucky Jurisdictional Revenues | | | | | | |
|---|----------------|--------------------------|----------------------|----------------------------------|---|------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Month | Total Revenues | Base Rate Fuel Component | Fuel Clause Revenues | Environmental Surcharge Revenues | Total Excluding Environmental Surcharge | Total Non-Fuel Revenue |
| | | | | | (2) - (5) | (6) - (3) - (4) |
| Dec-21 | \$ 20,902,282 | \$ 5,194,127 | \$ 5,087,696 | \$ 488,554 | \$ 20,413,728 | \$ 10,131,905 |
| Jan-22 | 23,718,760 | 5,133,317 | 7,974,524 | 455,146 | 23,263,614 | 10,155,773 |
| Feb-22 | 21,218,594 | 4,675,522 | 5,624,922 | 492,009 | 20,726,585 | 10,426,141 |
| Mar-22 | 14,758,559 | 4,840,248 | (183,660) | 760,990 | 13,997,569 | 9,340,981 |
| Apr-22 | 9,200,787 | 2,373,083 | 559,030 | 832,346 | 8,368,441 | 5,436,328 |
| May-22 | 17,061,583 | 6,907,083 | 1,042,516 | 1,480,087 | 15,581,496 | 7,631,897 |
| Jun-22 | 9,290,552 | 1,390,573 | 2,437,838 | 808,874 | 8,481,678 | 4,653,267 |
| Jul-22 | 37,009,503 | 10,084,818 | 5,088,354 | 2,992,108 | 34,017,395 | 18,844,223 |
| Aug-22 | 25,443,793 | 6,923,013 | 3,607,722 | 1,214,128 | 24,229,665 | 13,698,930 |
| Sep-22 | 24,299,737 | 6,716,720 | 4,193,497 | 799,356 | 23,500,381 | 12,590,164 |
| Oct-22 | 24,400,829 | 4,890,802 | 9,320,939 | 652,974 | 23,747,855 | 9,536,114 |
| Nov-22 | \$ 19,208,261 | \$ 4,288,703 | \$ 6,368,820 | \$ 153,115 | \$ 19,055,146 | \$ 8,397,623 |
| Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month | | | | | \$ 19,615,296 | \$ 10,070,279 |
| Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month | | | | | \$ 34,638,325 | |
| Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month | | | | | 56.63% | |

DUKE ENERGY KENTUCKY, INC.
ESM REVENUE REQUIREMENT
FOR THE TWELVE MONTHS ENDED JUNE 30, 2024

| LINE NO. | RATE BASE COMPONENT | CITATIONS TO APPLICATION SCHEDULES | SUPPORT SCHEDULE | 13 MONTH AVG. FORECAST PERIOD |
|----------|--|------------------------------------|---------------------------------------|-------------------------------|
| 1 | Adjusted Jurisdictional Plant in Service | B-2 / B-2.1 | Page 2, Column (A), Line 14 | \$67,432,275 |
| 2 | Accumulated Depreciation and Amortization | B-3 | Page 2, Column (D), Line 14 + Line 18 | <u>(\$8,686,596)</u> |
| 3 | Net Plant in Service (Line 1 + Line 2) | | | \$58,745,679 |
| 4 | Deferred Income Taxes | B-6 / WPB-6 | Page 3, Column (A), Line 5 | <u>(4,950,607)</u> |
| 5 | Jurisdictional Rate Base (Line 3 + Line 4) | | | \$53,795,072 |
| 6 | Rate of Return | A-1 | | 7.526% |
| 7 | Return on Rate Base (Line 5 * Line 6) | | | \$4,048,617 |
| 8 | Depreciation Expense | C-2 | Page 2, Column (C), Line 15 | 4,248,233 |
| 9 | State & Other Taxes -Property Tax (Line 3 * 1.288332%) | C-2 | | <u>753,895</u> |
| 10 | Operating Income Defecency (Line 7 + Line 8 + Line 9) | | | \$9,050,745 |
| 11 | Gross Revenue Conversion Factor | A-1 | | 1.3342383 |
| 12 | Revenue Deficiency (Line 10 * Line 11) | | | <u><u>\$12,075,851</u></u> |

DUKE ENERGY KENTUCKY, INC.
 ENVIRONMENTAL SURCHARGE REPORT
 PROJECTED GROSS PLANT, ACCUMULATED DEPRECIATION
 AND DEPRECIATION EXPENSE

| Line Number | Forecast Period | Plant in Service FERC Acct 311 | Depreciation Expense ^b | Accumulated Depreciation |
|----------------|---|-----------------------------------|--------------------------------------|-----------------------------|
| | (A) | (B) | (C) | (D) |
| 1 ^a | 202306 | 67,432,275 | | 6,562,479 |
| 2 | 202307 | 67,432,275 | 354,019 | 6,916,499 |
| 3 | 202308 | 67,432,275 | 354,019 | 7,270,518 |
| 4 | 202309 | 67,432,275 | 354,019 | 7,624,538 |
| 5 | 202310 | 67,432,275 | 354,019 | 7,978,557 |
| 6 | 202311 | 67,432,275 | 354,019 | 8,332,577 |
| 7 | 202312 | 67,432,275 | 354,019 | 8,686,596 |
| 8 | 202401 | 67,432,275 | 354,019 | 9,040,616 |
| 9 | 202402 | 67,432,275 | 354,019 | 9,394,635 |
| 10 | 202403 | 67,432,275 | 354,019 | 9,748,654 |
| 11 | 202404 | 67,432,275 | 354,019 | 10,102,674 |
| 12 | 202405 | 67,432,275 | 354,019 | 10,456,693 |
| 13 | 202406 | 67,432,275 | 354,019 | 10,810,713 |
| 14 | 13 Month Average | <u>67,432,275</u> | | <u>8,686,596</u> |
| 15 | 7/2023-6/2024 Annual | | 4,248,233 | |
| 16 | Proposed Depreciation Rate per Schedule B-3.2 | | | 6.30% |

^a June 2023 balances per AG-DR-01-100 Attachment 2

^b Depreciation eexpense base on the proposed deprecation rate from the Schedule B-3.2 and the depreciation study.

DUKE ENERGY KENTUCKY, INC.
 ENVIRONMENTAL SURCHARGE REPORT
 PROJECTED ADIT

| Line # | | June 2023-June 2024 | | | | | 13 MONTH AVERAGE | | | | | | | | | | | | | |
|--------|-------------------------------------|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | | 13 Month Average ADIT (A) | Jan '23 (B) | Feb '23 (C) | Mar '23 (D) | Apr '23 (E) | May '23 (F) | Jun '23 (G) | Jul '23 (H) | Aug '23 (I) | Sep '23 (J) | Oct '23 (K) | Nov '23 (L) | Dec '23 (M) | Jan '24 (N) | Feb '24 (O) | Mar '24 (P) | Apr '24 (Q) | May '24 (R) | Jun '24 (S) |
| 1 | EB020290 Lined Retention Basin West | (1,208,583) | (1,242,027) | (1,244,568) | (1,245,979) | (1,247,390) | (1,248,801) | (1,250,212) | (1,243,410) | (1,236,607) | (1,229,805) | (1,223,002) | (1,216,200) | (1,209,397) | (1,202,091) | (1,194,785) | (1,187,478) | (1,180,172) | (1,172,866) | (1,165,559) |
| 2 | EB020745 Lined Retention Basin East | (433,024) | (405,853) | (412,920) | (419,987) | (427,054) | (434,121) | (441,188) | (440,076) | (438,964) | (437,853) | (436,741) | (435,630) | (434,518) | (432,482) | (430,445) | (428,409) | (426,373) | (424,336) | (422,300) |
| 3 | EB020298 East Bend SW/PW Reroute | (2,819,110) | (2,864,776) | (2,873,861) | (2,882,945) | (2,892,030) | (2,901,115) | (2,910,200) | (2,895,509) | (2,880,819) | (2,866,128) | (2,851,438) | (2,836,747) | (2,822,057) | (2,805,542) | (2,789,027) | (2,772,513) | (2,755,998) | (2,739,483) | (2,722,968) |
| 4 | EB021281 East Bend Landfill Cell 2 | (489,889) | (427,448) | (440,720) | (453,991) | (467,262) | (480,534) | (493,805) | (493,597) | (493,388) | (493,180) | (492,971) | (492,763) | (492,554) | (490,696) | (488,837) | (486,979) | (485,120) | (483,262) | (481,404) |
| 5 | Total | <u>(4,950,607)</u> | <u>(4,940,104)</u> | <u>(4,972,069)</u> | <u>(5,002,903)</u> | <u>(5,033,737)</u> | <u>(5,064,571)</u> | <u>(5,095,405)</u> | <u>(5,072,592)</u> | <u>(5,049,779)</u> | <u>(5,026,966)</u> | <u>(5,004,153)</u> | <u>(4,981,340)</u> | <u>(4,958,527)</u> | <u>(4,930,811)</u> | <u>(4,903,095)</u> | <u>(4,875,379)</u> | <u>(4,847,663)</u> | <u>(4,819,947)</u> | <u>(4,792,231)</u> |

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-041

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 161.

a. Confirm that the Commission has never affirmatively approved the recovery of Duke Energy Business Services LLC ("DEBS") cost of capital compensation in the Duke Kentucky electric or gas revenue requirement. If that is not correct, then identify the case number and provide a citation to the relevant order(s).

b. Provide the DEBS actual capitalization by component, including notes payable (affiliate and non-affiliate) and short-term debt, for each month from January 2021 through the most recent month for which actual information is available and forecast thereafter through the end of the test year.

c. Provide the DEBS actual interest expense on each type of notes payable (affiliate and non-affiliate) and short-term debt (intercompany money pool, credit facility, etc.) and the monthly weighted average cost of that debt for each month from January 2021 through the most recent month for which actual information is available and forecast thereafter through the end of the test year.

d. Refer further to Duke Kentucky's attachment response to the Attorney General's First Request, Item 161(e). The summary tab lists the forecast test year amounts separately identified as 2021 and 2022 amounts. Provide the amounts in the same format that the Company projects for the months in the test year.

RESPONSE:

a. The statement is incorrect. The Commission has affirmatively approved the recovery of Duke Energy Business Services LLC (“DEBS”) cost of capital compensation in the Duke Kentucky electric revenue requirement in Duke Energy Kentucky’s Electric Case No. 2019-00271 on pages 21 and 22 of the Order dated April 27, 2020.

b. Please see AG-DR-02-041(b) Attachment for actual capitalization by component, including notes payable (affiliate and non-affiliate) and short-term debt, for each month from January 2021 through January 2023. Duke Energy Kentucky does not forecast this data.

c. Please see AG-DR-02-041(c) Attachment for DEBS actual interest expense on each type of notes payable (affiliate and non-affiliate) and short-term debt (intercompany money pool, credit facility, etc.) and the monthly weighted average cost of that debt for each month from January 2021 through January 2023 and forecasted through June 2024.

d. Please see AG-DR-2-041(d) Attachment for the amounts in the same format provided in AG-DR-01-161 that the Company projects for the months in the test year.

PERSON RESPONSIBLE:

Sarah E. Lawler – a.
Jeffrey R. Setser – b. thru d.

DEBS Capitalization by Component
Business Unit CB 20013

| TTD Actual Amount Row Labels | Column Labels 2022 | | | | | | | | | | | | | Grand Total FERC |
|--|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------|
| | Q1 2022 Jan 2022 | Feb 2022 | Mar 2022 | Q2 2022 Apr 2022 | May 2022 | Jun 2022 | Q3 2022 Jul 2022 | Aug 2022 | Sep 2022 | Q4 2022 Oct 2022 | Nov 2022 | Dec 2022 | | |
| 0201000 | | | | | | | | | | | | | | |
| 0201000 - Common Stock Issued | (3.50) | (3.50) | (3.50) | (3.50) | (3.50) | (3.50) | (3.50) | (3.50) | (3.50) | (3.50) | (3.50) | (3.50) | (3.50) | |
| 0208000 | | | | | | | | | | | | | | |
| 0208000 - Donations From Stockholder | (47,200,000.00) | (47,200,000.00) | (47,200,000.00) | (47,200,000.00) | (47,200,000.00) | (47,200,000.00) | (47,200,000.00) | (47,200,000.00) | (47,200,000.00) | (47,200,000.00) | (47,200,000.00) | (47,200,000.00) | (47,200,000.00) | |
| 0208010 | | | | | | | | | | | | | | |
| 0208010 - Donat Recvd From Stkhld Tax | 669,224.00 | 669,224.00 | 669,224.00 | 669,224.00 | 669,224.00 | 669,224.00 | 669,224.00 | 669,224.00 | 669,224.00 | 669,224.00 | 669,224.00 | 669,224.00 | 669,224.00 | |
| 0211003 | | | | | | | | | | | | | | |
| 0211003 - Misc Paid-In-Capital | (214,839,126.33) | (214,839,126.33) | (214,839,126.33) | (214,839,126.33) | (214,839,126.33) | (214,839,126.33) | (214,839,126.33) | (214,839,126.33) | (214,839,126.33) | (214,839,126.33) | (214,839,126.33) | (214,839,126.33) | (214,839,126.33) | |
| 0211004 | | | | | | | | | | | | | | |
| 0211004 - Misc PIC Purch Acctg | 180,602,490.08 | 180,602,490.08 | 180,602,490.08 | 180,602,490.08 | 180,602,490.08 | 180,602,490.08 | 180,602,490.08 | 180,602,490.08 | 180,602,490.08 | 180,602,490.08 | 180,602,490.08 | 180,602,490.08 | 180,602,490.08 | |
| 0211005 | | | | | | | | | | | | | | |
| 0211005 - Misc PIC Premerger Equity | 48,887,321.38 | 48,887,321.38 | 48,887,321.38 | 48,887,321.38 | 48,887,321.38 | 48,887,321.38 | 48,887,321.38 | 48,887,321.38 | 48,887,321.38 | 48,887,321.38 | 48,887,321.38 | 48,887,321.38 | 48,887,321.38 | |
| 0216000 | | | | | | | | | | | | | | |
| 0216000 - Unapprop Retained Earnings | 44,321,728.29 | 44,321,728.29 | 44,321,728.29 | 44,321,728.29 | 44,321,728.29 | 44,321,728.29 | 44,321,728.29 | 44,321,728.29 | 44,321,728.29 | 44,321,728.29 | 44,321,728.29 | 44,321,728.29 | 44,321,728.29 | |
| 0216100 | | | | | | | | | | | | | | |
| 0216100 - Unapprop Undistr Subsid Earnings | (667,900,909.74) | (667,900,909.74) | (667,900,909.74) | (667,900,909.74) | (667,900,909.74) | (667,900,909.74) | (667,900,909.74) | (667,900,909.74) | (667,900,909.74) | (667,900,909.74) | (667,900,909.74) | (667,900,909.74) | (667,900,909.74) | |
| 0219020 | | | | | | | | | | | | | | |
| 0219020 - FAS 106 Actuarial Gain/Loss | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 0219035 | | | | | | | | | | | | | | |
| 0219035 - OCI-Actuarial GL Qual | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | |
| 0219036 | | | | | | | | | | | | | | |
| 0219036 - OCI-Actuarial GL Qual Fed Tx | (4,161,056.25) | (4,161,056.25) | (4,161,056.25) | (4,161,056.25) | (4,161,056.25) | (4,149,702.92) | (4,149,702.92) | (4,149,702.92) | (3,936,304.52) | (3,999,702.19) | (4,224,453.92) | (4,224,453.92) | (4,224,453.92) | |
| 0219037 | | | | | | | | | | | | | | |
| 0219037 - OCI-Actuarial GL Qual St Tx | (560,226.82) | (560,226.82) | (560,226.82) | (560,226.82) | (560,226.82) | (559,532.55) | (559,532.55) | (559,532.55) | (546,482.91) | (244,589.24) | (258,333.15) | (258,333.15) | (258,333.15) | |
| 0219038 | | | | | | | | | | | | | | |
| 0219038 - OCI-Actuarial GL NQ | 507,764.07 | 507,764.07 | 507,764.07 | 507,764.07 | 507,764.07 | 507,764.07 | 507,764.07 | 507,764.07 | 507,764.07 | 507,764.07 | 0.00 | 0.00 | 0.00 | |
| 0219039 | | | | | | | | | | | | | | |
| 0219039 - OCI-Actuarial GL NQ Fed Tx | (452,311.87) | (452,311.87) | (452,311.87) | (452,311.87) | (452,311.87) | (451,077.74) | (451,077.74) | (451,077.74) | (427,881.01) | (434,772.47) | 1.38 | 1.38 | 1.38 | |
| 0219040 | | | | | | | | | | | | | | |
| 0219040 - OCI Actuarial GL NQ St Tx | (60,898.90) | (60,898.90) | (60,898.90) | (60,898.90) | (60,898.90) | (60,823.44) | (60,823.44) | (60,823.44) | (59,404.92) | (26,588.46) | (1.37) | (1.37) | (1.37) | |
| 0219041 | | | | | | | | | | | | | | |
| 0219041 - FAS 106 Actuarial GL Fed Tx | 432,745.52 | 432,745.52 | 432,745.52 | 432,745.52 | 432,745.52 | 431,564.78 | 431,564.78 | 431,564.78 | 409,371.61 | 415,964.81 | 0.39 | 0.39 | 0.39 | |
| 0219042 | | | | | | | | | | | | | | |
| 0219042 - FAS 106 Actuarial GL St Tx | 58,262.02 | 58,262.02 | 58,262.02 | 58,262.02 | 58,262.02 | 58,189.82 | 58,189.82 | 58,189.82 | 56,832.67 | 25,436.47 | (0.39) | (0.39) | (0.39) | |
| 0232232 | | | | | | | | | | | | | | |
| 0232232 - AP Affiliates | 0.00 | 0.00 | (489,879.74) | 0.00 | 0.00 | (447,902.15) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 0233150 | | | | | | | | | | | | | | |
| 0233150 - IC Moneypool - ST Notes Pav | (289,994,000.00) | (317,755,000.00) | (745,740,000.00) | (516,914,000.00) | (543,791,000.00) | (528,604,000.00) | (460,163,000.00) | (487,959,000.00) | (494,263,000.00) | (415,246,000.00) | (373,889,000.00) | (507,777,000.00) | (507,777,000.00) | |
| 0234000 | | | | | | | | | | | | | | |
| 0234000 - IC Moneypool - ST Interest Pav | (1,931.88) | (3,154.60) | (11,031.87) | (18,344.71) | (15,228.46) | (26,079.53) | (88,071.57) | (35,358.00) | (45,730.10) | (42,561.90) | (45,142.94) | (129,928.85) | (129,928.85) | |
| Grand Total | (949,690,929.76) | (977,453,152.68) | (1,405,935,909.69) | (1,176,627,342.79) | (1,203,501,226.54) | (1,188,760,875.51) | (1,119,933,965.40) | (1,147,677,251.83) | (1,153,764,110.96) | (1,074,504,324.76) | (1,033,676,206.85) | (1,167,848,991.76) | (1,167,848,991.76) | |

DEBS Capitalization by Component
Business Unit CB 20013

| TTD Actual Amount Row Labels | Column Labels 2023 | Grand Total | FERC |
|--|---------------------------|---------------------------|----------------|
| 0201000 | | | |
| 0201000 - Common Stock Issued | (3.50) | (3.50) | 201 |
| 0208000 | | | |
| 0208000 - Donations From Stockholder | (47,200,000.00) | (47,200,000.00) | 211 |
| 0208010 | | | |
| 0208010 - Donat Recvd From Stkhld Tax | 669,224.00 | 669,224.00 | 211 |
| 0211003 | | | |
| 0211003 - Misc Paid-In-Capital | (214,839,126.33) | (214,839,126.33) | 211 |
| 0211004 | | | |
| 0211004 - Misc PIC Purch Acctq | 180,602,490.08 | 180,602,490.08 | 211 |
| 0211005 | | | |
| 0211005 - Misc PIC Premierq Equity | 48,887,321.38 | 48,887,321.38 | 215.215.1. 216 |
| 0216000 | | | |
| 0216000 - Unapprop Retained Earnings | 44,321,728.29 | 44,321,728.29 | 216.1 |
| 0216100 | | | |
| 0216100 - Unappr Undistr Subsid Earnings | (709,011,127.03) | (709,011,127.03) | 219 |
| 0219020 | | | |
| 0219020 - FAS 106 Actuarial Gain/Loss | 0.00 | 0.00 | 219 |
| 0219035 | | | |
| 0219035 - OCI-Actuarial GL Qual | (0.03) | (0.03) | 219 |
| 0219036 | | | |
| 0219036 - OCI-Actuarial GL Qual Fed Tx | (4,224,453.92) | (4,224,453.92) | 219 |
| 0219037 | | | |
| 0219037 - OCI-Actuarial GL Qual St Tx | (258,333.15) | (258,333.15) | 219 |
| 0219038 | | | |
| 0219038 - OCI-Actuarial GL NQ | 0.00 | 0.00 | 219 |
| 0219039 | | | |
| 0219039 - OCI-Actuarial GL NQ Fed Tx | 1.38 | 1.38 | 219 |
| 0219040 | | | |
| 0219040 - OCI-Actuarial GL NQ St Tx | (1.37) | (1.37) | 219 |
| 0219041 | | | |
| 0219041 - FAS 106 Actuarial GL Fed Tx | 0.39 | 0.39 | 219 |
| 0219042 | | | |
| 0219042 - FAS 106 Actuarial GL St Tx | (0.39) | (0.39) | 232 |
| 0232232 | | | |
| 0232232 - AP Affiliates | 0.00 | 0.00 | 232 |
| 0233150 | | | |
| 0233150 - IC Moneypool - ST Notes Pay | (462,118,000.00) | (462,118,000.00) | 233 |
| 0234000 | | | |
| 0234000 - IC Moneypool - ST Interest Pav | (59,639.18) | (59,639.18) | 233 |
| Grand Total | (1,163,229,919.38) | (1,163,229,919.38) | |

Business Unit CB 20013

| MTD Actual Amount | Column Labels | | | | | | | | | | | | Grand Total | FERC |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|------|
| | 2021 | | | | | | | | | | | | | |
| | Q1 2021 | | | Q2 2021 | | | Q3 2021 | | | Q4 2021 | | | | |
| Row Labels | Jan 2021 | Feb 2021 | Mar 2021 | Apr 2021 | May 2021 | Jun 2021 | Jul 2021 | Aug 2021 | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 | | |
| 430216 | | | | | | | | | | | | | | |
| 0430216 - IC Moneypool - Interest f | 104,244.26 | 84,228.08 | 107,562.31 | 87,783.27 | 75,429.24 | 88,309.76 | 81,991.25 | 52,339.78 | 57,319.63 | 59,038.11 | 42,291.33 | 69,888.13 | 910,425.15 | 430 |
| 431000 | | | | | | | | | | | | | | |
| 0431000 - Int Exp-Taxes | | | | | | 1.75 | | | 219.65 | | | | 221.40 | 431 |
| 431130 | | | | | | | | | | | | | | |
| 0431130 - Interest Exp - Capital Le: | 874,914.71 | 874,786.39 | 874,657.25 | 874,527.27 | 874,396.46 | (874,396.46) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 3,498,885.62 | 431 |
| 431400 | | | | | | | | | | | | | | |
| 0431400 - Int/Other Notes & Acct P | 13,725.32 | 12,583.13 | 14,103.71 | 13,835.74 | 14,474.25 | 14,211.07 | 14,879.46 | 966.54 | 0.00 | 0.00 | 0.00 | 0.00 | 98,779.22 | 431 |
| Grand Total | 992,884.29 | 971,597.60 | 996,323.27 | 976,146.28 | 964,299.95 | (771,873.88) | 96,870.71 | 53,306.32 | 57,539.28 | 59,038.11 | 42,291.33 | 69,888.13 | 4,508,311.39 | |

Business Unit CB **20013**

| MTD Actual Amount Row Labels | Column Labels 2022 | | | | | | | | | | | | Grand Total FERC | |
|---------------------------------------|-----------------------|------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------------------|-----|
| | Q1 2022 | | | Q2 2022 | | | Q3 2022 | | | Q4 2022 | | | | |
| | Jan 2022 | Feb 2022 | Mar 2022 | Apr 2022 | May 2022 | Jun 2022 | Jul 2022 | Aug 2022 | Sep 2022 | Oct 2022 | Nov 2022 | Dec 2022 | | |
| 430216 | | | | | | | | | | | | | | |
| 0430216 - IC Moneypool - Interest Exp | 113,758.65 | 93,082.09 | 242,366.85 | 363,856.17 | 491,082.49 | 726,104.61 | 1,136,151.98 | 1,276,850.42 | 1,643,748.28 | 1,892,348.80 | 2,152,000.99 | 1,969,825.97 | 12,101,177.30 | 430 |
| 431000 | | | | | | | | | | | | | | |
| 0431000 - Int Exp-Taxes | | | | | | 201.77 | | | | | | 58.69 | 260.46 | 431 |
| 431400 | | | | | | | | | | | | | | |
| 0431400 - Int/Other Notes & Acct Pay | | 0.00 | | | | | | | | | | | 0.00 | 431 |
| Grand Total | 113,758.65 | 93,082.09 | 242,366.85 | 363,856.17 | 491,082.49 | 726,306.38 | 1,136,151.98 | 1,276,850.42 | 1,643,748.28 | 1,892,348.80 | 2,152,000.99 | 1,969,884.66 | 12,101,437.76 | |

| Business Unit CB | | 20013 | | Business Unit CB | | 20013 | | | | | |
|---------------------------------------|------------------|------------------|--------------------|---------------------------------------|--------------------------|------------------|------------------|------------------|-------------------|--|--|
| MTD Actual Amount | Column Labels | | MTD Budget Amount | | | | Fiscal Year | Calendar Quarter | Accounting Period | | |
| | Row Labels | 2023 | Grand Total | Account CB | Account CB - Description | 2023 | | Q2 2023 | | | |
| Q1 2023 | | | Feb 2023 | | | Mar 2023 | Apr 2023 | May 2023 | | | |
| | Jan 2023 | | | | | | | | | | |
| 430216 | | | 0430216 | 0430216 - IC Moneypool - Interest Exp | 1,726,267 | 1,946,730 | 2,200,922 | 2,223,530 | | | |
| 0430216 - IC Moneypool - Interest Exp | 2,887,578 | 2,887,578 | 0430216 Total | | 1,726,267 | 1,946,730 | 2,200,922 | 2,223,530 | | | |
| Grand Total | 2,887,578 | 2,887,578 | Grand Total | | 1,726,267 | 1,946,730 | 2,200,922 | 2,223,530 | | | |

| Forecast | | | | | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------------|-------------------|------|
| | Q3 2023 | | | Q4 2023 | | | 2023 Total Grand Total | | FERC |
| Jun 2023 | Jul 2023 | Aug 2023 | Sep 2023 | Oct 2023 | Nov 2023 | Dec 2023 | | | |
| 2,224,305 | 2,210,479 | 2,222,438 | 2,410,934 | 2,577,119 | 2,538,768 | 2,508,246 | 24,789,738 | 24,789,738 | 430 |
| 2,224,305 | 2,210,479 | 2,222,438 | 2,410,934 | 2,577,119 | 2,538,768 | 2,508,246 | 24,789,738 | 24,789,738 | |
| 2,224,305 | 2,210,479 | 2,222,438 | 2,410,934 | 2,577,119 | 2,538,768 | 2,508,246 | 24,789,738 | 24,789,738 | |

DEBS Interest Expense by Type - Forecast through June 2024
Business Unit CB 20013

| MTD Original Budget Amount | | Forecast | | | | | | | 2024 Total | Grand Total |
|----------------------------|---------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------|
| | | Fiscal Year 2024 | Q2 2024 | | | | | | | |
| Account CB | Account CB - Description | Q1 2024 | Feb 2024 | Mar 2024 | Apr 2024 | May 2024 | Jun 2024 | | | |
| 430216 | 0430216 - IC Moneypool - Interest Exp | 1,278,124 | 1,000,254 | 1,750,336 | 2,078,118 | 1,745,744 | 1,764,983 | 9,617,558 | 9,617,558 | |
| 0430216 Total | | 1,278,124 | 1,000,254 | 1,750,336 | 2,078,118 | 1,745,744 | 1,764,983 | 9,617,558 | 9,617,558 | |
| Grand Total | | 1,278,124 | 1,000,254 | 1,750,336 | 2,078,118 | 1,745,744 | 1,764,983 | 9,617,558 | 9,617,558 | |

2023

| Test Period PPE Return | | | Test Period PEN Return | | | Test Period INV Return | | | Total Return | | | After Tax Return | | | | |
|------------------------|------|--------|------------------------|------|--------|------------------------|------|-------|--------------|------|--------|------------------|------|--------|-------|--------|
| 1 | 2023 | 49,386 | 1 | 2023 | 23,127 | 1 | 2023 | 2,176 | 1 | 2023 | 74,689 | 1 | 2023 | 74,689 | 22.0% | 58,256 |
| 2 | 2023 | 49,386 | 2 | 2023 | 23,127 | 2 | 2023 | 2,176 | 2 | 2023 | 74,689 | 2 | 2023 | 74,689 | 22.0% | 58,256 |
| 3 | 2023 | 49,386 | 3 | 2023 | 23,127 | 3 | 2023 | 2,176 | 3 | 2023 | 74,689 | 3 | 2023 | 74,689 | 22.0% | 58,256 |
| 4 | 2023 | 49,386 | 4 | 2023 | 23,127 | 4 | 2023 | 2,176 | 4 | 2023 | 74,689 | 4 | 2023 | 74,689 | 22.0% | 58,256 |
| 5 | 2023 | 49,386 | 5 | 2023 | 23,127 | 5 | 2023 | 2,176 | 5 | 2023 | 74,689 | 5 | 2023 | 74,689 | 22.0% | 58,256 |
| 6 | 2023 | 49,386 | 6 | 2023 | 23,127 | 6 | 2023 | 2,176 | 6 | 2023 | 74,689 | 6 | 2023 | 74,689 | 22.0% | 58,256 |
| 7 | 2023 | 49,386 | 7 | 2023 | 23,127 | 7 | 2023 | 2,176 | 7 | 2023 | 74,689 | 7 | 2023 | 74,689 | 22.0% | 58,256 |
| 8 | 2023 | 49,386 | 8 | 2023 | 23,127 | 8 | 2023 | 2,176 | 8 | 2023 | 74,689 | 8 | 2023 | 74,689 | 22.0% | 58,256 |
| 9 | 2023 | 49,386 | 9 | 2023 | 23,127 | 9 | 2023 | 2,176 | 9 | 2023 | 74,689 | 9 | 2023 | 74,689 | 22.0% | 58,256 |
| 10 | 2023 | 49,386 | 10 | 2023 | 23,127 | 10 | 2023 | 2,176 | 10 | 2023 | 74,689 | 10 | 2023 | 74,689 | 22.0% | 58,256 |
| 11 | 2023 | 49,386 | 11 | 2023 | 23,127 | 11 | 2023 | 2,176 | 11 | 2023 | 74,689 | 11 | 2023 | 74,689 | 22.0% | 58,256 |
| 12 | 2023 | 49,386 | 12 | 2023 | 23,127 | 12 | 2023 | 2,176 | 12 | 2023 | 74,689 | 12 | 2023 | 74,689 | 22.0% | 58,256 |
| 592,633 | | | 277,519 | | | 26,117 | | | 896,269 | | | 896,269 699,075 | | | | |

2024

| Test Period PPE Return | | | Test Period PEN Return | | | Test Period INV Return | | | Total Return | | | After Tax Return | | | | |
|------------------------|------|--------|------------------------|------|--------|------------------------|------|-------|--------------|------|--------|------------------|------|--------|-------|--------|
| 1 | 2024 | 51,295 | 1 | 2024 | 23,730 | 1 | 2024 | 2,215 | 1 | 2024 | 77,240 | 1 | 2024 | 77,240 | 22.0% | 60,246 |
| 2 | 2024 | 51,295 | 2 | 2024 | 23,730 | 2 | 2024 | 2,215 | 2 | 2024 | 77,240 | 2 | 2024 | 77,240 | 22.0% | 60,246 |
| 3 | 2024 | 51,295 | 3 | 2024 | 23,730 | 3 | 2024 | 2,215 | 3 | 2024 | 77,240 | 3 | 2024 | 77,240 | 22.0% | 60,246 |
| 4 | 2024 | 51,295 | 4 | 2024 | 23,730 | 4 | 2024 | 2,215 | 4 | 2024 | 77,240 | 4 | 2024 | 77,240 | 22.0% | 60,246 |
| 5 | 2024 | 51,295 | 5 | 2024 | 23,730 | 5 | 2024 | 2,215 | 5 | 2024 | 77,240 | 5 | 2024 | 77,240 | 22.0% | 60,246 |
| 6 | 2024 | 51,295 | 6 | 2024 | 23,730 | 6 | 2024 | 2,215 | 6 | 2024 | 77,240 | 6 | 2024 | 77,240 | 22.0% | 60,246 |
| 307,771 | | | 142,379 | | | 13,288 | | | 463,438 | | | 463,438 361,474 | | | | |

| SA # | | SERVICE COMPANY COST ALLOCATION DETAILS COST ALLOCATIONS IN SERVICE AGREEMENTS | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|----------|---|----------------|-------|-----------------------|-----------------------|-------------|---------------------|---------------|----------------------|----------------------|-----------------------|-----------------------|-------|--------------------------------|--------|-------|----------|-------|------------|----------|------------------|----------------------|----------------------------|---------|-------|
| Function | Function | Allocation Method | Operating Unit | | St Cd | DPC | DEP | DEF | DEO | DEO | DEO | DEO | DEK | DEK | DEK | DEI | DEI | Comm Pwr | Comm | Comm Trans | Gas Oper | Piedmont | Other | Other | Other | Total |
| | | | 20056 | 50991 | | 50992 | 75956 | 75933 | 75954 | 75957 | 75958 | 75960 | 75961 | 75964 | 75965 | 47151 | 10157 | 75963 | | | | | | | | |
| Fac ROR | | Three Factor Formula | | DURR | Facilities ROR Gvrnce | Duke Power Governance | DE Progress | DE Progress Florida | Transmis sion | DE Ohio (USFRELG OV) | DE Ohio (USFRGSG OV) | DE Kentucky (USFRELG) | DE Kentucky (USFRGSG) | 75960 | Cinergy Sol Hldng Co Inc (GOV) | | | | | | | Piedmont Gas Del | PanEnergy governance | Cinergy Ventures LLC (Gov) | | |
| 0931008 for expense | 78000 | Allocates the Service Company's portion of | | | DG1 | 33.35% | 22.50% | 17.28% | 0.04% | 3.59% | 1.60% | 5.23% | 1.16% | 0.43% | 1.59% | 10.32% | 3.33% | 3.33% | 0.01% | 0.01% | 6.27% | 0.01% | 0.10% | 0.11% | 100.00% | |

| Account # | Res Type | Resp Center | Revenue Requirement (provided by each) | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|----------|----------------------|--|--|--|-----------|-----------|---------|-------|---------|--------|--|--------|--------|--|---------|---------|----|-------|-------|---------|-------|-------|----|-----------|
| | | | | | | | | | | | | | 7.90% | | | | | | | | | | | | |
| | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | | 12 | 12 | | | 12 | 12 | | 12 | 12 | 12 | 12 | 12 | |
| 0931008 for expense | 78000 | 8000 for expense | | | | 0.71% | 0.70% | 0.63% | 0.88% | 0.86% | 0.88% | | 0.66% | 0.68% | | 0.60% | 0.71% | | 0.71% | 0.71% | 0.72% | 0.71% | 0.71% | | |
| 0456949 for income | 78000 | 9957 for income | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | GO22 | PCGS | PFGS | GO27 | GO24 | GO25 | | GO28 | GO29 | | GO31 | GO32 | | SG38 | SG39 | SG37 | GO21 | GO34 | | |
| | | Budget value: | | | | 1,538,470 | 1,023,398 | 700,295 | 2,285 | 200,048 | 91,400 | | 49,386 | 18,909 | | 398,210 | 153,616 | | 461 | 461 | 292,283 | 461 | 4,613 | | 4,474,297 |

646,696,759

**DEBS PP&E Return Calculation
 2023 Budget**

| | | | |
|------------------------------|--------------------|-------------|-----------|
| Net PPE | 975,000,000 | | REF |
| CWIP | (300,000,000) | 675,000,000 | WKTB A A1 |
| DEC capital lease NBV | | | B |
| Deferred taxes - PIS (below) | (28,303,241) | 0.04 | Below |
| Total | 646,696,759 | | |

| | | | |
|----------------------------------|-------------------|--|---|
| Deferred taxes Federal and State | 52,153,241 | | |
| Sub total | 52,153,241 | | |
| CWIP * 7.95% | (23,850,000) | | D |
| Sub-Total | 28,303,241 | | |
| Deferred taxes Cap lease | 0 | | |
| Total | 28,303,241 | | |

58,910,855 New fixed asset Deferred taxes

| SERVICE COMPANY COST ALLOCATION DETAILS COST ALLOCATIONS IN SERVICE AGREEMENTS | | | | | DPC 20056 Duke Power Governance | DEP 50991 DE Progress | PEF 50992 Progress Florida | DEO 75953 DE Ohio (USFREL OV) | DEO 75954 DE Ohio (USFRGSG OV) | DEO | DEK 75957 DE Kentucky (USFREL) | DEK 75958 DE Kentucky (USFRGS) | DEK 75960 75960 | DEI | Comm Pwr 75961 Cinergy Sol Hldng Co Inc | Piedmont 47151 Piedmont | Other 10157 PanEnergy governance | Other | Total | |
|---|------------------|---|-------------------|------------------------------|--|-----------------------------|-------------------------------------|---|--|-------|--|--|-----------------------|-------|---|-------------------------------|---|-------|-------|---------|
| SA # | Function | Function | Allocation Method | Operating Unit Alloc Pool | St Cd | | | | | | | | | | | | | | | |
| Fac ROR | Labor Allocation | Allocates the Service Company's pension dollars | Labor Allocation | | | 28.06% | 16.65% | 12.45% | 9.83% | 4.09% | 13.92% | 3.05% | 0.99% | 4.05% | 16.37% | 2.69% | 4.46% | 1.36% | 1.36% | 100.00% |

| Account # | Res Type | Resp Center | Revenue Requirement (provided by each) | | | | | | | | | | | | | | | | | |
|---------------------|----------|----------------------|---|--|--|---------|---------|--------|--------|--------|--------|-------|---------|--------|--------|--------|----|----|----|--------------------|
| | | | | | | | | | | 7.90% | | | | | | | | | | |
| | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 0931008 for expense | 78000 | 8000 for expense | | | | 0.71% | 0.70% | 0.64% | 0.86% | 0.88% | 0.66% | 0.73% | 0.60% | 0.71% | 0.72% | 0.71% | | | | |
| 0456949 for income | 78000 | 9957 for income | | | | GO22 | PCGS | PFGS | GO24 | GO25 | GO28 | GO29 | GO31 | GO32 | SG37 | GO21 | | | | |
| | | Budget value: | | | | | | | | | | | | | | | | | | |
| | | | | | | 230,156 | 134,660 | 91,391 | 97,428 | 41,561 | 23,127 | 8,275 | 112,292 | 22,092 | 36,970 | 11,139 | | | | 809,090 |
| | | | | | | | | | | | | | | | | | | | | 2022 Budget |
| | | | | | | | | | | | | | | | | | | | | 9,709,077 |

2021 DEBS Labor Allocation (For 2022)

| Entity | DEBS Labor % | BU | OU |
|-----------------|--------------|-------|------------|
| DEC | 28.06% | 20018 | 0944 |
| DEOH - Gas | 4.09% | 75028 | GDOH |
| DEOH - Electric | 9.83% | 75025 | EL01 |
| DEK - Gas | 0.99% | 75088 | GDKY |
| DEK - Electric | 3.05% | 75080 | EL02 |
| DEI | 16.37% | 75110 | EL03 |
| DEP | 16.65% | 50120 | PECO |
| DEF | 12.45% | 50220 | X60D |
| CP Degs | 2.69% | 75290 | CMPR |
| Other Consol | 1.34% | 10046 | A622 Other |
| Piedmont | 4.46% | 47108 | PNGN |
| CT Gas | 0.01% | 75528 | DEPH Other |
| CT Electric | 0.01% | 75526 | DCTR Other |

100.00%

Source: 2019 Summary

| SERVICE COMPANY COST ALLOCATION DETAILS COST ALLOCATIONS IN SERVICE AGREEMENTS | | | | | DPC 20056 | DEP 50991 | DEF 50992 | DEO 75956 | DEO 75953 | DEO 75954 | DEO | DEK 75957 | DEK 75958 | DEK 75960 | DEI | Comm Pwr 75961 | Comm | Comm Trans 75964 | Gas Oper 75965 | Piedmont 47151 | Other 10157 | Other 75963 | Other | Total | | |
|---|--------------------------------------|--|--|----------------|-----------------------|--------------|--------------------------|--------------|---------------------|------------------|----------------------------|----------------------------|-----------------------|-----------------------|-----------------------------------|-------------------|--------|---------------------|---------------------|-------------------------|----------------------------------|----------------|-------|-------|-----------|---------|
| SA # | Function | Function | Allocation Method | Operating Unit | Alloc Pool | St Cd | Duke Power Governance | DE Progress | Progress Florida | Transmis sion | DE Ohio (USFRELG OV) | DE Ohio (USFRGSG OV) | Kentucky (USFRELG) | Kentucky (USFRGSG) | Cinergy Sol Hldng Co Inc (GOV) | | | | Piedmont Gas Del | PanEnergy governance | Cinergy Ventures LLC (Gov) | | | | | |
| FAC ROR | Facilities Rate of Return Allocation | Allocates the Service Company's portion of | Three Factor Formula | DURR | Facilities ROR Gvrnce | DG1 | 33.35% | 22.50% | 17.28% | 0.04% | 3.59% | 1.60% | 5.23% | 1.16% | 0.43% | 1.59% | 10.32% | 3.33% | 3.33% | 0.01% | 0.01% | 6.27% | 0.01% | 0.10% | 0.11% | 100.00% |
| Account # | Res Type | Resp Center | Revenue Requirement (provided by each) | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 0931008 for expense | 78000 | 8000 for expense | | | | | 0.71% | 0.70% | 0.63% | 0.88% | 0.86% | 0.88% | 0.66% | 0.68% | 0.60% | 0.71% | 0.71% | 0.71% | 0.71% | 0.72% | 0.71% | 0.71% | | | | |
| 0456949 for income | 78000 | 9957 for income | | | | | GO22 | PCGS | PFGS | GO27 | GO24 | GO25 | GO28 | GO29 | GO31 | GO32 | SG38 | SG39 | SG37 | GO21 | GO34 | | | | | |
| | | Budget value: | | | | | 1,597,944 | 1,062,960 | 727,367 | 2,373 | 207,782 | 94,933 | 51,295 | 19,640 | 413,604 | 159,555 | 479 | 479 | 303,582 | 479 | 4,791 | | | | 4,647,264 | |

671,696,759

**DEBS PP&E Return Calculation
 2024 Budget**

| | | | |
|------------------------------|--------------------|-------------|-----------|
| Net PPE | 1,000,000,000 | | REF |
| CWIP | (300,000,000) | 700,000,000 | WKTB A A1 |
| DEC capital lease NBV | | | B |
| Deferred taxes - PIS (below) | (28,303,241) | 0.04 | Below |
| Total | 671,696,759 | | |

| | | | |
|----------------------------------|-------------------|--|---|
| Deferred taxes Federal and State | 52,153,241 | | |
| Sub total | 52,153,241 | | |
| CWIP * 7.95% | (23,850,000) | | D |
| Sub-Total | 28,303,241 | | |
| Deferred taxes Cap lease | 0 | | |
| Total | 28,303,241 | | |

58,910,855 New fixed asset Deferred taxes

| SERVICE COMPANY COST ALLOCATION DETAILS COST ALLOCATIONS IN SERVICE AGREEMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------------|--|----------------------|--------------------|-----------------------|-------|--------------------------|-------------|---------------------|------------------|----------------|-----------------|-------|----------------------------|----------------------------|-------|--------------------------------------|----------|-------|------------|---------------------|---------------------------|----------------------------|-------|-------|---------|
| SA # | Function | Function | Allocation Method | Operati ng Unit | Alloc Pool | St Cd | DPC | DEP | DEF | DEO | DEO | DEO | DEO | DEK | DEK | DEK | DEI | Comm Pwr | Comm | Comm Trans | Gas Oper | Piedmont | Other | Other | Other | Total |
| | | | | | | | 20056 | 50991 | 50992 | 75956 | 75953 | 75954 | 75957 | 75958 | 75960 | 75961 | 75964 | 75965 | 47151 | 10157 | 75963 | | | | | |
| | | | | | | | Duke Power Governance | DE Progress | Progress Florida | Transmi ssion | (USFREL OV) | (USFRGS GOV) | 5.23% | Kentucky (USFREL DE) | Kentucky (USFRGS DE) | 75960 | Cinergy Sol Hldng Co Inc (GOV) | | 75964 | 75965 | Piedmont gas Del | PanEner gy governan | Cinergy Ventures LLC | | | |
| Fac ROR | Facilities Rate of Return Allocation | Allocates the Service Company's portion of | Three Factor Formula | DURR | Facilities ROR Gvrnce | DG1 | 33.35% | 22.50% | 17.28% | 0.04% | 3.59% | 1.60% | 5.23% | 1.16% | 0.43% | 1.59% | 10.32% | 3.33% | 3.33% | 0.01% | 0.01% | 6.27% | 0.01% | 0.10% | 0.11% | 100.00% |

| Account # | Res Type | Resp Center | Revenue Requirement (provided by each) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|----------|----------------------|--|--------|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------------------|-------|-------|---------------------|---------|--|--|--|--|--|
| | | | 7.90% | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | |
| 0931008 for expense | 78000 | 8000 for expense | 0.71% | 0.70% | 0.63% | 0.88% | 0.86% | 0.88% | 0.66% | 0.68% | 0.60% | 0.71% | 0.71% | 0.71% | 0.71% | 0.71% | 0.71% | 0.71% | 0.71% | 0.71% | 0.71% | 0.71% | 0.71% | 0.71% | 0.71% | 0.71% | | | | | |
| 0456949 for income | 78000 | 9957 for income | | GO22 | PCGS | PFGS | GO27 | GO24 | GO25 | GO28 | GO29 | GO31 | GO32 | SG38 | SG39 | SG37 | GO21 | GO34 | | | | | | | | | | | | | |
| | | Budget value: | 29,000,000 | 68,990 | 45,893 | 31,404 | 102 | 8,971 | 4,099 | 2,215 | 848 | 17,857 | 6,889 | 21 | 21 | 13,107 | 21 | 207 | | | | | | | | 200,642 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | 2022 Budget | | | 2,407,705.57 | | | | | | |

| SERVICE COMPANY COST ALLOCATION DETAILS COST ALLOCATIONS IN SERVICE AGREEMENTS | | | | | DPC 20056 Duke Power Governance | DEP 50991 DE Progress Florida | PEF 50992 Progress Florida | DEO 75953 DE Ohio (USFREL OV) | DEO 75954 DE Ohio (USFRGSG OV) | DEO 75957 DE (USFREL OV) | DEK 75958 DE (USFRGS OV) | DEK 75960 DE (USFRGS OV) | Comm Pwr 75961 Cinergy Sol Hldng Co Inc | Piedmont 47151 Piedmont | Other 10157 PanEnergy governance | Other | Total | | | |
|---|------------------|---|-------------------|------------------------------|--|--|-------------------------------------|---|--|--------------------------------------|--------------------------------------|--------------------------------------|---|-------------------------------|---|-------|-------|-------|-------|---------|
| SA # | Function | Function | Allocation Method | Operating Unit Alloc Pool | St Cd | | | | | | | | | | | | | | | |
| Fac ROR | Labor Allocation | Allocates the Service Company's pension dollars | Labor Allocation | | | 28.06% | 16.65% | 12.45% | 9.83% | 4.09% | 13.92% | 3.05% | 0.99% | 4.05% | 16.37% | 2.69% | 4.46% | 1.36% | 1.36% | 100.00% |

| Account # | Res Type | Resp Center | Revenue Requirement (provided by each) | | | | | | | | | | | | | | |
|---------------------|----------|------------------|---|---------|---------|--------|--------|--------|--------|-------|---------|--------|--------|--------|----|--------------------|------------------|
| 0931008 for expense | 78000 | 8000 for expense | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 0456949 for income | 78000 | 9957 for income | | 0.71% | 0.70% | 0.64% | 0.86% | 0.88% | 0.66% | 0.73% | 0.60% | 0.71% | 0.72% | 0.71% | | | |
| | | | | GO22 | PCGS | PFGS | GO24 | GO25 | GO28 | GO29 | GO31 | GO32 | SG37 | GO21 | | | |
| Budget value: | | | | | | | | | | | | | | | | | |
| | | | | 236,160 | 138,173 | 93,775 | 99,969 | 42,645 | 23,730 | 8,491 | 115,222 | 22,668 | 37,934 | 11,429 | | | 830,196 |
| | | | | | | | | | | | | | | | | 2022 Budget | 9,962,358 |

2021 DEBS Labor Allocation (For 2022)

| Entity | DEBS Labor % | BU | OU |
|-----------------|--------------|-------|------------|
| DEC | 28.06% | 20018 | 0944 |
| DEOH - Gas | 4.09% | 75028 | GDOH |
| DEOH - Electric | 9.83% | 75025 | EL01 |
| DEK - Gas | 0.99% | 75088 | GDKY |
| DEK - Electric | 3.05% | 75080 | EL02 |
| DEI | 16.37% | 75110 | EL03 |
| DEP | 16.65% | 50120 | PECO |
| DEF | 12.45% | 50220 | X60D |
| CP Degs | 2.69% | 75290 | CMPR |
| Other Consol | 1.34% | 10046 | A622 Other |
| Piedmont | 4.46% | 47108 | PNGN |
| CT Gas | 0.01% | 75528 | DEPH Other |
| CT Electric | 0.01% | 75526 | DCTR Other |

100.00%

Source: 2019 Summary

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-042

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 112, in regard to the error discovered by the Company in the accumulated depreciation reserve balances of approximately \$100,000 reflected in the filed Schedule B-3.

- a. Provide a citation to the line number(s) on Schedule B-3 that would change in order to correct the error as well as the exact amount(s) of the correction for the projected period test year.
- b. Provide an updated Schedule B-3 that reflects the correction.
- c. Indicate whether there should be a change to the level of ADIT reflected for the projected test year by correcting the error related to the accumulated depreciation reserve balance. If so, provide a quantification of the necessary change as well as an updated Schedule B-6.

RESPONSE:

- a. In the original B-3 forecasted period, the 13-month average forecasted period accumulated depreciation balances were incorrect for all plant assets except for distribution plant. Please see AG-DR-02-042 Attachment with an updated Schedule B-3 which includes amounts of the correction on each line noted in the last column. The total impact of the error was that the total accumulated depreciation and amortization reserve for total electric plant including allocated common was understated by \$120,622 in the filed Schedule B-3.

b. Please see AG-DR-02-042 Attachment.

c. These corrections only relate to the preparation of the Schedule B-3 and do not impact ADIT amounts in the projected test year.

PERSON RESPONSIBLE: Grady “Tripp” S. Carpenter

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2022-00372
 ACCUMULATED DEPRECIATION AND AMORTIZATION
 AS OF FEBRUARY 28, 2023
 STEAM PRODUCTION PLANT

SCHEDULE B-3
 PAGE 1 OF 12

| Line No. | FERC Acct. No. | Company Acct. No. | Account Title | Base Period Total Company (1) \$ | Base Period Accumulated Balances | | | | Adjusted Jurisdiction \$ | Original Adjusted Jurisdiction \$ | Correction Amount \$ |
|----------|----------------|-------------------|---|-------------------------------------|----------------------------------|------------------|----------------------------|-------------------|-----------------------------|--------------------------------------|-------------------------|
| | | | | | Total Company \$ | Jurisdictional % | Jurisdictional Total \$ | Adjustments \$ | | | |
| 1 | 310 | 3100 | Land and Land Rights | 7,076,686 | 103,620 | 100.00% | 103,620 | | 103,620 | 103,620 | 0 |
| 2 | 311 | 3110 | Structures & Improvements | 183,199,106 | 50,461,103 | 100.00% | 50,461,103 | | 50,461,103 | 50,461,103 | 0 |
| 3 | 312 | 3120 | Boiler Plant Equipment | 545,354,539 | 307,075,034 | 100.00% | 307,075,034 | | 307,075,034 | 307,075,034 | 0 |
| 4 | 312 | 3123 | Boiler Plant Equip - SCR Catalyst | 7,823,058 | 6,003,181 | 100.00% | 6,003,181 | | 6,003,181 | 6,003,181 | 0 |
| 5 | 314 | 3140 | Turbogenerator Equipment | 117,584,634 | 49,716,359 | 100.00% | 49,716,359 | | 49,716,359 | 49,716,359 | 0 |
| 6 | 315 | 3150 | Accessory Electric Equipment | 49,872,744 | 31,239,525 | 100.00% | 31,239,525 | | 31,239,525 | 31,239,525 | 0 |
| 7 | 316 | 3160 | Miscellaneous Powerplant Equipment | 24,168,159 | 12,051,075 | 100.00% | 12,051,075 | | 12,051,075 | 12,051,075 | 0 |
| 8 | 317 | 3170 | ARO - Steam Production | 0 | 41,133,033 | 100.00% | 41,133,033 | (41,133,033) | 0 | 0 | 0 |
| 9 | | | Case 2015-120 Acq of DPL Share of East Bend | 9,135,880 | 0 | 100.00% | 0 | | 0 | 0 | 0 |
| 10 | | | Completed Construction Not Classified | 0 | 0 | 100.00% | 0 | | 0 | 0 | 0 |
| 11 | | 108 | Retirement Work in Progress | 0 | (20,745,348) | 100.00% | (20,745,348) | | (20,745,348) | (20,745,348) | 0 |
| 12 | | | Total Steam Production Plant | 944,214,806 | 477,037,582 | | 477,037,582 | (41,133,033) | 435,904,549 | 435,904,549 | 0 |

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2022-00372
 ACCUMULATED DEPRECIATION AND AMORTIZATION
 AS OF FEBRUARY 28, 2023

OTHER PRODUCTION PLANT

SCHEDULE B-3
 PAGE 2 OF 12

| Line No. | FERC Acct. No. | Company Acct. No. | Account Title | Base Period Total Company (1) \$ | Base Period Accumulated Balances | | | | Adjusted Jurisdiction \$ | Original Adjusted Jurisdiction \$ | Correction Amount \$ |
|----------|----------------|-------------------|---------------------------------------|-------------------------------------|----------------------------------|------------------|----------------------------|-------------------|-----------------------------|--------------------------------------|-------------------------|
| | | | | | Total Company \$ | Jurisdictional % | Jurisdictional Total \$ | Adjustments \$ | | | |
| 1 | 340 | 3400 | Land and Land Rights | 2,265,295 | 3,922 | 100.00% | 3,922 | | 3,922 | 3,922 | 0 |
| 2 | 340 | 3401 | Rights of Way | 0 | 0 | 100.00% | 0 | | 0 | 0 | 0 |
| 3 | 341 | 3410 | Structures & Improvements | 36,490,465 | 28,907,164 | 100.00% | 28,907,164 | | 28,907,164 | 28,907,164 | 0 |
| 4 | 342 | 3420 | Fuel Holders, Producers, Accessories | 61,138,411 | 7,907,805 | 100.00% | 7,907,805 | | 7,907,805 | 7,907,805 | 0 |
| 5 | 343 | 3430 | Prime Movers | 9,149,731 | (2,943,009) | 100.00% | (2,943,009) | | (2,943,009) | (2,943,009) | 0 |
| 6 | 344 | 3440 | Generators | 211,945,141 | 149,021,403 | 100.00% | 149,021,403 | | 149,021,403 | 149,021,403 | 0 |
| 7 | 344 | 3446 | Solar Generators | 15,778,050 | 2,412,727 | 100.00% | 2,412,727 | | 2,412,727 | 2,412,727 | 0 |
| 8 | 345 | 3450 | Accessory Electric Equipment | 19,850,612 | 13,114,778 | 100.00% | 13,114,778 | | 13,114,778 | 13,114,778 | 0 |
| 9 | 345 | 3456 | Solar Accessory Electric Equipment | 1,729,695 | 301,125 | 100.00% | 301,125 | | 301,125 | 301,125 | 0 |
| 10 | 346 | 3460 | Miscellaneous Plant Equipment | 5,157,089 | 3,538,346 | 100.00% | 3,538,346 | | 3,538,346 | 3,538,346 | 0 |
| 11 | | | Completed Construction Not Classified | 0 | 0 | 100.00% | 0 | | 0 | 0 | 0 |
| 12 | | 108 | Retirement Work in Progress | | (1,056,015) | 100.00% | (1,056,015) | | (1,056,015) | (1,056,015) | 0 |
| 13 | | | Total Other Production Plant | 363,504,489 | 201,208,246 | | 201,208,246 | 0 | 201,208,246 | 201,208,246 | 0 |

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2022-00372
 ACCUMULATED DEPRECIATION AND AMORTIZATION
 AS OF FEBRUARY 28, 2023

TRANSMISSION PLANT

SCHEDULE B-3
 PAGE 3 OF 12

| Line No. | FERC Acct. No. | Company Acct. No. | Account Title | Base Period Total Company (1) | Base Period Accumulated Balances | | | | Original Adjusted Jurisdiction | Correction Amount |
|----------|----------------|-------------------|---------------------------------------|-------------------------------|----------------------------------|--------------|-----------------|-----------------------|--------------------------------|-------------------|
| | | | | | Total Company | Allocation % | Allocated Total | Adjusted Jurisdiction | | |
| | | | | | \$ | | \$ | \$ | \$ | \$ |
| 1 | 350 | 3500 | Land | 4,883,832 | 0 | 100.00% | 0 | 0 | 0 | 0 |
| 2 | 350 | 3501 | Rights of Way | 1,595,141 | 738,752 | 100.00% | 738,752 | 738,752 | 738,752 | 0 |
| 3 | 352 | 3520 | Structures & Improvements | 7,216,591 | 581,508 | 100.00% | 581,508 | 581,508 | 581,508 | 0 |
| 4 | 353 | 3530 | Station Equipment | 35,269,633 | 1,639,697 | 100.00% | 1,639,697 | 1,639,697 | 1,639,697 | 0 |
| 5 | 353 | 3531 | Station Equipment - Step Up | 11,212,526 | 4,962,121 | 100.00% | 4,962,121 | 4,962,121 | 4,962,121 | 0 |
| 6 | 353 | 3532 | Station Equipment - Major | 13,676,954 | 2,516,685 | 100.00% | 2,516,685 | 2,516,685 | 2,516,685 | 0 |
| 7 | 353 | 3534 | Station Equipment - Step Up Equipment | 9,173,573 | 2,404,397 | 100.00% | 2,404,397 | 2,404,397 | 2,404,397 | 0 |
| 8 | 355 | 3550 | Poles & Fixtures | 17,266,490 | (4,040,192) | 100.00% | (4,040,192) | (4,040,192) | (4,040,192) | 0 |
| 9 | 356 | 3560 | Overhead Conductors & Devices | 15,226,839 | 2,883,507 | 100.00% | 2,883,507 | 2,883,507 | 2,883,507 | 0 |
| 10 | 356 | 3561 | Overhead Conductors - Clear R/W | 2,645,942 | 127,807 | 100.00% | 127,807 | 127,807 | 127,807 | 0 |
| 11 | | | Completed Construction Not Classified | 0 | 0 | 100.00% | 0 | 0 | 0 | 0 |
| 12 | | 108 | Retirement Work in Progress | 0 | (1,623,529) | 100.00% | (1,623,529) | (1,623,529) | (1,623,529) | 0 |
| 13 | | | Total Transmission Plant | 118,167,521 | 10,190,753 | | 10,190,753 | 0 | 10,190,753 | 0 |

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2022-00372
 ACCUMULATED DEPRECIATION AND AMORTIZATION
 AS OF FEBRUARY 28, 2023

DISTRIBUTION PLANT

SCHEDULE B-3
 PAGE 4 OF 12

| Line No. | FERC Acct. No. | Company Acct. No. | Account Title | Base Period Total Company (1) | Base Period Accumulated Balances | | | | Original Adjusted Jurisdiction | Correction Amount | |
|---------------------------------|----------------|-------------------|--|-------------------------------|----------------------------------|--------------|--------------------|-----------------------|--------------------------------|--------------------|----------|
| | | | | | Total Company | Allocation % | Allocated Total | Adjusted Jurisdiction | | | |
| | | | | | \$ | | \$ | \$ | \$ | \$ | |
| 1 | 360 | 3600 | Land and Land Rights | 13,127,962 | 0 | 100.00% | 0 | 0 | 0 | 0 | 0 |
| 2 | 360 | 3601 | Rights of Way | 4,942,027 | 3,244,321 | 100.00% | 3,244,321 | 3,244,321 | 3,244,321 | 3,244,321 | 0 |
| 3 | 361 | 3610 | Structures & Improvements | 1,476,490 | (52,107) | 100.00% | (52,107) | (52,107) | (52,107) | (52,107) | 0 |
| 4 | 362 | 3620 | Station Equipment | 81,715,289 | 6,005,469 | 100.00% | 6,005,469 | 6,005,469 | 6,005,469 | 6,005,469 | 0 |
| 5 | 362 | 3622 | Station Equipment - Major | 45,890,554 | 11,101,918 | 100.00% | 11,101,918 | 11,101,918 | 11,101,918 | 11,101,918 | 0 |
| 6 | 363 | 3630 | Storage Battery Equipment | 0 | 0 | 100.00% | 0 | 0 | 0 | 0 | 0 |
| 7 | 364 | 3640 | Poles, Towers & Fixtures | 78,493,709 | 30,540,220 | 100.00% | 30,540,220 | 30,540,220 | 30,540,220 | 30,540,220 | 0 |
| 8 | 365 | 3650 | Overhead Conductors & Devices | 150,576,966 | 35,473,491 | 100.00% | 35,473,491 | 35,473,491 | 35,473,491 | 35,473,491 | 0 |
| 9 | 365 | 3651 | Overhead Conductors - Clear R/W | 7,818,250 | 669,145 | 100.00% | 669,145 | 669,145 | 669,145 | 669,145 | 0 |
| 10 | 366 | 3660 | Underground Conduit | 45,247,696 | 9,591,603 | 100.00% | 9,591,603 | 9,591,603 | 9,591,603 | 9,591,603 | 0 |
| 11 | 367 | 3670 | Underground Conductors & Devices | 86,949,876 | 21,470,805 | 100.00% | 21,470,805 | 21,470,805 | 21,470,805 | 21,470,805 | 0 |
| 12 | 368 | 3680 | Line Transformers | 78,560,192 | 27,695,514 | 100.00% | 27,695,514 | 27,695,514 | 27,695,514 | 27,695,514 | 0 |
| 13 | 368 | 3682 | Customers Transformer Installation | 286,401 | 280,008 | 100.00% | 280,008 | 280,008 | 280,008 | 280,008 | 0 |
| 14 | 369 | 3691 | Services - Underground | 3,205,861 | 812,498 | 100.00% | 812,498 | 812,498 | 812,498 | 812,498 | 0 |
| 15 | 369 | 3692 | Services - Overhead | 18,667,566 | 10,920,666 | 100.00% | 10,920,666 | 10,920,666 | 10,920,666 | 10,920,666 | 0 |
| 16 | 370 | 3700 | Meters | 2,890,636 | 1,010,995 | 100.00% | 1,010,995 | 1,010,995 | 1,010,995 | 1,010,995 | 0 |
| 17 | 370 | 3702 | AMI Meters | 28,835,299 | 7,891,472 | 100.00% | 7,891,472 | 7,891,472 | 7,891,472 | 7,891,472 | 0 |
| 18 | 371 | 3711, 3712 | Company Owned Outdoor Lighting | 1,165,412 | (37,732) | 100.00% | (37,732) | (37,732) | (37,732) | (37,732) | 0 |
| 19 | 372 | 3720 | Leased Property on Customers | 10,096 | 9,652 | 100.00% | 9,652 | 9,652 | 9,652 | 9,652 | 0 |
| 20 | 373 | 3731 | Street Lighting - Overhead | 2,624,193 | 2,221,273 | 100.00% | 2,221,273 | 2,221,273 | 2,221,273 | 2,221,273 | 0 |
| 21 | 373 | 3732 | Street Lighting - Boulevard | 3,525,239 | 2,715,605 | 100.00% | 2,715,605 | 2,715,605 | 2,715,605 | 2,715,605 | 0 |
| 22 | 373 | 3733 | Street Lighting - Cust, Private Outdoor Lighting | 0 | 1,833,179 | 100.00% | 1,833,179 | (1,833,179) | 0 | 0 | 0 |
| 23 | 373 | 3734 | Light Choice OLE | 0 | (1,291,461) | 100.00% | (1,291,461) | 1,291,461 | 0 | 0 | 0 |
| 24 | | | Completed Construction Not Classified | 0 | 0 | 100.00% | 0 | 0 | 0 | 0 | 0 |
| 25 | | 108 | Retirement Work in Progress | 0 | (20,522,735) | 100.00% | (20,522,735) | (20,522,735) | (20,522,735) | (20,522,735) | 0 |
| Total Distribution Plant | | | | 656,009,714 | 151,583,799 | | 151,583,799 | (541,718) | 151,042,081 | 151,042,081 | 0 |

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2022-00372
 ACCUMULATED DEPRECIATION AND AMORTIZATION
 AS OF FEBRUARY 28, 2023

GENERAL PLANT

SCHEDULE B-3
 PAGE 5 OF 12

| Line No. | FERC Acct. No. | Company Acct. No. | Account Title | Base Period Total Company (1) | Base Period Accumulated Balances | | | | Original Adjusted Jurisdiction | Correction Amount |
|----------------------|----------------|-------------------|---|-------------------------------|----------------------------------|--------------|-----------------|-----------------------|--------------------------------|-------------------|
| | | | | | Total Company | Allocation % | Allocated Total | Adjusted Jurisdiction | | |
| | | | | | \$ | | \$ | \$ | \$ | \$ |
| 1 | 303 | 3030 | Miscellaneous Intangible Plant | 33,148,284 | 14,761,829 | 100.00% | 14,761,829 | 14,761,829 | 14,761,829 | 0 |
| 2 | 390 | 3900 | Structures & Improvements | 179,856 | 59,727 | 100.00% | 59,727 | 59,727 | 59,727 | 0 |
| 3 | 391 | 3910 | Office Furniture & Equipment | 404,455 | 19,593 | 100.00% | 19,593 | 19,593 | 19,593 | 0 |
| 4 | 391 | 3910 - URR | Office Furniture & Equipment - Reserve Amortization | 0 | 166 | 100.00% | 166 | 166 | 166 | 0 |
| 5 | 391 | 3911 | Electronic Data Proc Equip | 6,194,920 | 1,899,999 | 100.00% | 1,899,999 | 1,899,999 | 1,899,999 | 0 |
| 6 | 391 | 3911 - URR | Electronic Data Proc Equip - Reserve Amortization | 0 | 32,267 | 100.00% | 32,267 | 32,267 | 32,267 | 0 |
| 7 | 392 | 3920 | Transportation Equipment | 1,024,589 | 406,427 | 100.00% | 406,427 | 406,427 | 406,427 | 0 |
| 8 | 392 | 3921 | Trailers | 296,442 | 205,660 | 100.00% | 205,660 | 205,660 | 205,660 | 0 |
| 9 | 394 | 3940 | Tools, Shop & Garage Equipment | 3,699,163 | 1,151,444 | 100.00% | 1,151,444 | 1,151,444 | 1,151,444 | 0 |
| 10 | 394 | 3940 - URR | Tools, Shop & Garage Equipment - Reserve Amortization | 0 | (5,733) | 100.00% | (5,733) | (5,733) | (5,733) | 0 |
| 11 | 396 | 3960 | Power Operated Equipment | 12,825 | 9,294 | 100.00% | 9,294 | 9,294 | 9,294 | 0 |
| 12 | 397 | 3970 | Communication Equipment | 14,400,523 | 3,615,097 | 100.00% | 3,615,097 | 3,615,097 | 3,615,097 | 0 |
| 13 | 397 | 3970 - URR | Communication Equipment - URR | 0 | 10,000 | 100.00% | 10,000 | 10,000 | 10,000 | 0 |
| 14 | | | Completed Construction Not Classified | 0 | 0 | 100.00% | 0 | 0 | 0 | 0 |
| 15 | | 108 | Retirement Work in Progress | 0 | 13,552 | 100.00% | 13,552 | 13,552 | 13,552 | 0 |
| Total General Plant | | | | 59,361,057 | 22,179,322 | | 22,179,322 | 0 | 22,179,322 | 0 |
| Total Electric Plant | | | | 2,141,257,587 | 862,199,702 | | 862,199,702 | (41,674,751) | 820,524,951 | 0 |

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2022-00372
 ACCUMULATED DEPRECIATION AND AMORTIZATION
 AS OF FEBRUARY 28, 2023

COMMON PLANT

SCHEDULE B-3
 PAGE 6 OF 12

| Line No. | FERC Acct. No. | Company Acct. No. | Account Title | Base Period Total Company (1) | Base Period Accumulated Balances | | | | Original Adjusted Jurisdiction | Correction Amount |
|--|----------------|-------------------|---|-------------------------------|----------------------------------|--------------|--------------------|-----------------------|--------------------------------|-------------------|
| | | | | | Total Company | Allocation % | Allocated Total | Adjusted Jurisdiction | | |
| | | | | | \$ | | \$ | \$ | \$ | \$ |
| 1 | | 1030 | Miscellaneous Intangible Plant | 22,425,004 | 22,358,278 | 100.00% | 22,358,278 | 22,358,278 | 22,358,278 | 0 |
| 2 | | 1890 | Land and Land Rights | 1,041,678 | 0 | 100.00% | 0 | 0 | 0 | 0 |
| 3 | | 1900 | Structures & Improvements | 12,562,647 | (282,091) | 100.00% | (282,091) | (282,091) | (282,091) | 0 |
| 4 | | 1910 | Office Furniture & Equipment | 788,869 | 288,177 | 100.00% | 288,177 | 288,177 | 288,177 | 0 |
| 5 | | 1910 - URR | Office Furniture & Equipment - Reserve Amortization | 0 | 73 | 200.00% | 146 | 146 | 146 | 0 |
| 6 | | 1911 | Office Furniture & Equipment - EDP Equipment | 9,095 | 46 | 100.00% | 46 | 46 | 46 | 0 |
| 7 | | 1911 - URR | Office Furniture & Equipment - EDP Equipment - Res. Amort | 0 | (7,680) | 100.00% | (7,680) | (7,680) | (7,680) | 0 |
| 8 | | 1940 | Tools, Shop & Garage Equipment | 112,890 | 68,470 | 100.00% | 68,470 | 68,470 | 68,470 | 0 |
| 9 | | 1940 - URR | Tools, Shop & Garage Equipment - Reserve Amortization | 0 | 2,400 | 100.00% | 2,400 | 2,400 | 2,400 | 0 |
| 10 | | 1970 | Communication Equipment | 6,131,223 | 5,203,642 | 100.00% | 5,203,642 | 5,203,642 | 5,203,642 | 0 |
| 11 | | 1970 - URR | Communication Equipment - Reserve Amortization | 0 | 502,133 | 100.00% | 502,133 | 502,133 | 502,133 | 0 |
| 12 | | 1980 | Miscellaneous Equipment | 95,301 | 40,035 | 100.00% | 40,035 | 40,035 | 40,035 | 0 |
| 13 | | 1980 - URR | Miscellaneous Equipment - Reserve Amortization | 0 | (573) | 100.00% | (573) | (573) | (573) | 0 |
| 14 | | 1990 | ARO - Common Plant | 0 | 237,098 | 100.00% | 237,098 | (24,863) | (24,863) | 0 |
| 15 | | | Completed Construction Not Classified | 0 | 0 | 100.00% | 0 | 0 | 0 | 0 |
| 16 | | 108 | Retirement Work in Progress | 0 | 3,224 | 100.00% | 3,224 | 3,224 | 3,224 | 0 |
| Total Common Plant | | | | 43,166,707 | 28,413,232 | | 28,413,305 | (261,961) | 28,151,344 | 0 |
| Common Plant Allocated to Electric | | | | | | | | | | |
| 18 | | 71.36% | Original Cost | 30,803,762 | | | | | | |
| 19 | | 71.36% | Reserve for Depreciation | | 20,275,682 | | 20,275,682 | (186,935) | 20,088,747 | 0 |
| Total Electric Plant Including Allocated Common | | | | 2,172,061,349 | 882,475,384 | | 882,475,384 | (41,861,686) | 840,613,698 | 0 |

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2022-00372
ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF JUNE 30, 2024

STEAM PRODUCTION PLANT

SCHEDULE B-3
PAGE 7 OF 12

| Line No. | FERC Acct. No. | Company Acct. No. | Account Title | 13 Month Average Forecasted Period (1) | CORRECTED 13 Month Average Forecasted Period Accumulated Balances | | | | Original Adjusted Jurisdiction | Correction Amount | |
|----------|----------------|-------------------|---|--|---|------------------|----------------------|--------------|--------------------------------|-------------------|-----------------------|
| | | | | | Total Company | Jurisdictional % | Jurisdictional Total | Adjustments | | | Adjusted Jurisdiction |
| | | | | \$ | \$ | % | \$ | \$ | \$ | \$ | |
| 1 | 310 | 3100 | Land and Land Rights | 7,267,197 | 109,189 | 100.00% | 109,189 | | 109,189 | 108,998 | 191 |
| 2 | 311 | 3110 | Structures & Improvements | 185,879,874 | 51,441,426 | 100.00% | 51,441,426 | | 51,441,426 | 51,418,002 | 23,424 |
| 3 | 312 | 3120 | Boiler Plant Equipment | 553,244,784 | 308,095,773 | 100.00% | 308,095,773 | | 308,095,773 | 308,069,611 | 26,162 |
| 4 | 312 | 3123 | Boiler Plant Equip - SCR Catalyst | 7,714,318 | 6,823,775 | 100.00% | 6,823,775 | | 6,823,775 | 6,804,874 | 18,901 |
| 5 | 314 | 3140 | Turbogenerator Equipment | 118,509,201 | 49,263,265 | 100.00% | 49,263,265 | | 49,263,265 | 49,273,455 | (10,190) |
| 6 | 315 | 3150 | Accessory Electric Equipment | 51,143,847 | 31,970,633 | 100.00% | 31,970,633 | | 31,970,633 | 31,953,342 | 17,291 |
| 7 | 316 | 3160 | Miscellaneous Powerplant Equipment | 24,584,185 | 12,363,333 | 100.00% | 12,363,333 | | 12,363,333 | 12,356,024 | 7,309 |
| 8 | 317 | 3170 | ARO - Steam Production | 0 | 43,840,688 | 100.00% | 43,840,688 | (43,840,688) | 0 | 0 | 0 |
| 9 | | | Case 2015-120 Acq of DPL Share of East Bend | 8,481,722 | 0 | 100.00% | 0 | | 0 | 0 | 0 |
| 10 | | | Completed Construction Not Classified | 0 | 0 | 100.00% | 0 | | 0 | 0 | 0 |
| 11 | | 108 | Retirement Work in Progress | 0 | (20,745,348) | 100.00% | (20,745,348) | | (20,745,348) | (20,745,348) | 0 |
| 12 | | | Total Steam Production Plant | 956,825,128 | 483,162,733 | | 483,162,734 | (43,840,688) | 439,322,046 | 439,238,958 | 83,088 |

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2022-00372
ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF JUNE 30, 2024

OTHER PRODUCTION PLANT

SCHEDULE B-3
PAGE 8 OF 12

| Line No. | FERC Acct. No. | Company Acct. No. | Account Title | 13 Month Average Forecasted Period (1) \$ | CORRECTED 13 Month Average Forecasted Period Accumulated Balances | | | | Original Adjusted Jurisdiction \$ | Correction Amount \$ | |
|----------|----------------|-------------------|---------------------------------------|--|---|------------------|----------------------------|-------------------|--------------------------------------|-------------------------|-----------------------------|
| | | | | | Total Company \$ | Jurisdictional % | Jurisdictional Total \$ | Adjustments \$ | | | Adjusted Jurisdiction \$ |
| 1 | 340 | 3400 | Land and Land Rights | 2,280,504 | 5,043 | 100.00% | 5,043 | | 5,043 | 5,013 | 30 |
| 2 | 340 | 3401 | Rights of Way | 0 | 0 | 100.00% | 0 | | 0 | 0 | 0 |
| 3 | 341 | 3410 | Structures & Improvements | 36,701,684 | 29,623,667 | 100.00% | 29,623,667 | | 29,623,667 | 29,607,072 | 16,595 |
| 4 | 342 | 3420 | Fuel Holders, Producers, Accessories | 60,960,351 | 8,405,902 | 100.00% | 8,405,902 | | 8,405,902 | 8,394,494 | 11,408 |
| 5 | 343 | 3430 | Prime Movers | 6,907,974 | (5,124,972) | 100.00% | (5,124,972) | | (5,124,972) | (5,073,353) | (51,619) |
| 6 | 344 | 3440 | Generators | 213,483,294 | 154,828,295 | 100.00% | 154,828,295 | | 154,828,295 | 154,693,792 | 134,503 |
| 7 | 344 | 3446 | Solar Generators | 15,778,050 | 2,785,944 | 100.00% | 2,785,944 | | 2,785,944 | 2,777,310 | 8,634 |
| 9 | 345 | 3450 | Accessory Electric Equipment | 19,872,233 | 13,613,303 | 100.00% | 13,613,303 | | 13,613,303 | 13,601,830 | 11,473 |
| 10 | 345 | 3456 | Solar Accessory Electric Equipment | 1,729,695 | 358,981 | 100.00% | 358,981 | | 358,981 | 357,643 | 1,338 |
| 11 | 346 | 3460 | Miscellaneous Plant Equipment | 5,174,581 | 3,675,996 | 100.00% | 3,675,996 | | 3,675,996 | 3,672,820 | 3,176 |
| 12 | | | Completed Construction Not Classified | 0 | 0 | 100.00% | 0 | | 0 | 0 | 0 |
| 13 | | 108 | Retirement Work in Progress | 0 | (1,056,015) | 100.00% | (1,056,015) | | (1,056,015) | (1,056,015) | 0 |
| 15 | | | Total Other Production Plant | 362,888,366 | 207,116,145 | | 207,116,144 | 0 | 207,116,144 | 206,980,606 | 135,538 |

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2022-00372
 ACCUMULATED DEPRECIATION AND AMORTIZATION
 AS OF JUNE 30, 2024

TRANSMISSION PLANT

SCHEDULE B-3
 PAGE 9 OF 12

| Line No. | FERC Acct. No. | Company Acct. No. | Account Title | 13 Month Average Forecasted Period (1) | CORRECTED 13 Month Average Forecasted Period Accumulated Balances | | | | Original Adjusted Jurisdiction | Correction Amount | |
|----------|----------------|-------------------|---------------------------------------|--|---|--------------|-----------------|-------------|--------------------------------|-------------------|-----------------------|
| | | | | | Total Company | Allocation % | Allocated Total | Adjustments | | | Adjusted Jurisdiction |
| | | | | | \$ | % | \$ | \$ | \$ | \$ | |
| 1 | 350 | 3500 | Land | 5,678,092 | 0 | 100.00% | 0 | 0 | 0 | 0 | |
| 2 | 350 | 3501 | Rights of Way | 1,854,560 | 759,898 | 100.00% | 759,898 | 759,898 | 759,310 | 588 | |
| 3 | 352 | 3520 | Structures & Improvements | 8,390,230 | 702,107 | 100.00% | 702,107 | 702,107 | 698,873 | 3,234 | |
| 4 | 353 | 3530 | Station Equipment | 39,920,032 | 1,019,146 | 100.00% | 1,019,146 | 1,019,146 | 1,031,605 | (12,459) | |
| 5 | 353 | 3531 | Station Equipment - Step Up | 13,036,026 | 5,171,684 | 100.00% | 5,171,684 | 5,171,684 | 5,166,147 | 5,537 | |
| 6 | 353 | 3532 | Station Equipment - Major | 15,874,714 | 2,695,757 | 100.00% | 2,695,757 | 2,695,757 | 2,690,777 | 4,980 | |
| 7 | 353 | 3534 | Station Equipment - Step Up Equipment | 10,665,478 | 2,708,883 | 100.00% | 2,708,883 | 2,708,883 | 2,701,283 | 7,600 | |
| 8 | 355 | 3550 | Poles & Fixtures | 18,509,390 | (5,564,585) | 100.00% | (5,564,585) | (5,564,585) | (5,530,155) | (34,430) | |
| 9 | 356 | 3560 | Overhead Conductors & Devices | 17,517,922 | 2,873,724 | 100.00% | 2,873,724 | 2,873,724 | 2,873,042 | 682 | |
| 10 | 356 | 3561 | Overhead Conductors - Clear R/W | 3,076,253 | 166,178 | 100.00% | 166,178 | 166,178 | 165,128 | 1,050 | |
| 11 | | | Completed Construction Not Classified | 0 | 0 | 100.00% | 0 | 0 | 0 | 0 | |
| 12 | | 108 | Retirement Work in Progress | 0 | (2,587,798) | 100.00% | (2,587,798) | (2,587,798) | (2,587,798) | 0 | |
| 13 | | | Total Transmission Plant | 134,522,697 | 7,944,995 | | 7,944,994 | 0 | 7,944,994 | 7,968,212 | (23,218) |

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2022-00372
 ACCUMULATED DEPRECIATION AND AMORTIZATION
 AS OF JUNE 30, 2024

DISTRIBUTION PLANT

SCHEDULE B-3
 PAGE 10 OF 12

| Line No. | FERC Acct. No. | Company Acct. No. | Account Title | 13 Month Average Forecasted Period (1) | 13 Month Average Forecasted Period Accumulated Balances | | | | Original Adjusted Jurisdiction | Correction Amount |
|----------|----------------|-------------------|--|--|---|--------------|-----------------|-----------------------|--------------------------------|-------------------|
| | | | | | Total Company | Allocation % | Allocated Total | Adjusted Jurisdiction | | |
| | | | | | \$ | | \$ | \$ | \$ | \$ |
| 1 | 360 | 3600 | Land and Land Rights | 14,002,572 | 0 | 100.00% | 0 | 0 | 0 | 0 |
| 2 | 360 | 3601 | Rights of Way | 5,271,275 | 3,291,028 | 100.00% | 3,291,028 | 3,291,028 | 3,291,028 | 0 |
| 3 | 361 | 3610 | Structures & Improvements | 1,574,856 | (25,424) | 100.00% | (25,424) | (25,424) | (25,424) | 0 |
| 4 | 362 | 3620 | Station Equipment | 84,729,397 | 4,768,344 | 100.00% | 4,768,344 | 4,768,344 | 4,768,344 | 0 |
| 5 | 362 | 3622 | Station Equipment - Major | 48,596,984 | 11,312,329 | 100.00% | 11,312,329 | 11,312,329 | 11,312,329 | 0 |
| 6 | 363 | 3630 | Storage Battery Equipment | 0 | 0 | 100.00% | 0 | 0 | 0 | 0 |
| 7 | 364 | 3640 | Poles, Towers & Fixtures | 83,333,055 | 30,990,566 | 100.00% | 30,990,566 | 30,990,566 | 30,990,566 | 0 |
| 8 | 365 | 3650 | Overhead Conductors & Devices | 158,797,704 | 35,621,917 | 100.00% | 35,621,917 | 35,621,917 | 35,621,917 | 0 |
| 9 | 365 | 3651 | Overhead Conductors - Clear R/W | 8,339,117 | 780,656 | 100.00% | 780,656 | 780,656 | 780,656 | 0 |
| 10 | 366 | 3660 | Underground Conduit | 48,256,715 | 10,202,119 | 100.00% | 10,202,119 | 10,202,119 | 10,202,119 | 0 |
| 11 | 367 | 3670 | Underground Conductors & Devices | 92,338,668 | 22,348,131 | 100.00% | 22,348,131 | 22,348,131 | 22,348,131 | 0 |
| 12 | 368 | 3680 | Line Transformers | 82,913,299 | 27,662,987 | 100.00% | 27,662,987 | 27,662,987 | 27,662,987 | 0 |
| 13 | 368 | 3682 | Customers Transformer Installation | 305,481 | 280,477 | 100.00% | 280,477 | 280,477 | 280,477 | 0 |
| 14 | 369 | 3691 | Services - Underground | 3,419,442 | 852,325 | 100.00% | 852,325 | 852,325 | 852,325 | 0 |
| 15 | 369 | 3692 | Services - Overhead | 19,903,748 | 11,107,185 | 100.00% | 11,107,185 | 11,107,185 | 11,107,185 | 0 |
| 16 | 370 | 3700 | Meters | 3,047,358 | 1,077,149 | 100.00% | 1,077,149 | 1,077,149 | 1,077,149 | 0 |
| 17 | 370 | 3702 | AMI Meters | 30,331,889 | 9,418,376 | 100.00% | 9,418,376 | 9,418,376 | 9,418,376 | 0 |
| 18 | 371 | 3711, 3712 | Company Owned Outdoor Lighting | 1,232,302 | (10,153) | 100.00% | (10,153) | (10,153) | (10,153) | 0 |
| 19 | 372 | 3720 | Leased Property on Customers | 10,769 | 9,668 | 100.00% | 9,668 | 9,668 | 9,668 | 0 |
| 20 | 373 | 3731 | Street Lighting - Overhead | 2,799,022 | 2,239,367 | 100.00% | 2,239,367 | 2,239,367 | 2,239,367 | 0 |
| 21 | 373 | 3732 | Street Lighting - Boulevard | 3,760,097 | 2,751,140 | 100.00% | 2,751,140 | 2,751,140 | 2,751,140 | 0 |
| 22 | 373 | 3733 | Street Lighting - Cust, Private Outdoor Lighting | 0 | 1,867,746 | 100.00% | 1,867,746 | (1,867,746) | 0 | 0 |
| 23 | 373 | 3734 | Light Choice OLE | 0 | (1,607,509) | 100.00% | (1,607,509) | 1,607,509 | 0 | 0 |
| 24 | | | Completed Construction Not Classified | 0 | 0 | 100.00% | 0 | 0 | 0 | 0 |
| 25 | | 108 | Retirement Work in Progress | 0 | (22,560,697) | 100.00% | (22,560,697) | (22,560,697) | (22,560,697) | 0 |
| 26 | | | Total Distribution Plant | 692,963,750 | 152,377,727 | | 152,377,727 | (260,237) | 152,117,490 | 0 |

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2022-00372
ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF JUNE 30, 2024

GENERAL PLANT

SCHEDULE B-3
PAGE 11 OF 12

| Line No. | FERC Acct. No. | Company Acct. No. | Account Title | 13 Month Average Forecasted Period (1) | CORRECTED 13 Month Average Forecasted Period Accumulated Balances | | | | | Original Adjusted Jurisdiction | Correction Amount |
|----------|----------------|-------------------|---|--|---|--------------|-----------------|--------------|-----------------------|--------------------------------|-------------------|
| | | | | | Total Company | Allocation % | Allocated Total | Adjustments | Adjusted Jurisdiction | | |
| | | | | | \$ | % | \$ | \$ | \$ | | |
| 1 | 303 | 3030 | Miscellaneous Intangible Plant | 37,376,913 | 15,753,099 | 100.00% | 15,753,099 | | 15,753,099 | 15,807,767 | (54,668) |
| 2 | 390 | 3900 | Structures & Improvements | 202,337 | 69,053 | 100.00% | 69,053 | | 69,053 | 69,547 | (494) |
| 3 | 391 | 3910 | Office Furniture & Equipment | 456,050 | 31,888 | 100.00% | 31,888 | | 31,888 | 32,355 | (667) |
| 4 | 391 | 3910 - URR | Office Furniture & Equipment - Reserve Amortization | 0 | 166 | 100.00% | 166 | | 166 | 166 | 0 |
| 5 | 391 | 3911 | Electronic Data Proc Equip | 6,629,656 | 2,037,160 | 100.00% | 2,037,160 | | 2,037,160 | 2,043,801 | (6,641) |
| 6 | 391 | 3911 - URR | Electronic Data Proc Equip - Reserve Amortization | 0 | 32,267 | 100.00% | 32,267 | | 32,267 | 32,267 | 0 |
| 7 | 392 | 3920 | Transportation Equipment | 1,155,292 | 512,619 | 100.00% | 512,619 | | 512,619 | 518,087 | (5,468) |
| 8 | 392 | 3921 | Trailers | 334,258 | 223,231 | 100.00% | 223,231 | | 223,231 | 224,156 | (925) |
| 9 | 394 | 3940 | Tools, Shop & Garage Equipment | 4,170,777 | 1,367,139 | 100.00% | 1,367,139 | | 1,367,139 | 1,378,493 | (11,354) |
| 10 | 394 | 3940 - URR | Tools, Shop & Garage Equipment - Reserve Amortization | 0 | (5,733) | 100.00% | (5,733) | | (5,733) | (5,733) | 0 |
| 11 | 396 | 3960 | Power Operated Equipment | 14,461 | 9,678 | 100.00% | 9,678 | | 9,678 | 9,699 | (21) |
| 12 | 397 | 3970 | Communication Equipment | 16,197,847 | 4,499,405 | 100.00% | 4,499,405 | | 4,499,405 | 4,545,813 | (46,408) |
| 13 | 397 | 3970 - URR | Communication Equipment - URR | 0 | 10,000 | 100.00% | 10,000 | | 10,000 | 10,000 | 0 |
| 14 | | | Completed Construction Not Classified | 0 | 0 | 100.00% | 0 | | 0 | 0 | 0 |
| 15 | | 108 | Retirement Work in Progress | 0 | 13,552 | 100.00% | 13,552 | | 13,552 | 13,552 | 0 |
| 16 | | | Total General Plant | 66,537,591 | 24,553,325 | | 24,553,324 | 0 | 24,553,324 | 24,679,970 | (126,646) |
| 17 | | | Total Electric Plant | 2,213,737,532 | 875,154,925 | | 875,154,923 | (44,100,925) | 831,053,998 | 830,985,236 | 68,762 |

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2022-00372
ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF JUNE 30, 2024

COMMON PLANT

SCHEDULE B-3
PAGE 12 OF 12

| Line No. | FERC Acct. No. | Company Acct. No. | Account Title | 13 Month Average Forecasted Period (1) | CORRECTED 13 Month Average Forecasted Period Accumulated Balances | | | | Original Adjusted Jurisdiction | Correction Amount |
|------------------------------------|----------------|-------------------|---|--|---|--------------|-----------------|-----------------------|--------------------------------|-------------------|
| | | | | | Total Company | Allocation % | Allocated Total | Adjusted Jurisdiction | | |
| | | | | | \$ | | \$ | \$ | \$ | |
| 1 | | 1030 | Miscellaneous Intangible Plant | 25,479,678 | 22,559,838 | 100.00% | 22,559,838 | 22,559,838 | 22,575,506 | (15,668) |
| 2 | | 1890 | Land and Land Rights | 1,183,573 | 0 | 100.00% | 0 | 0 | 0 | 0 |
| 3 | | 1900 | Structures & Improvements | 12,370,141 | (2,076,468) | 100.00% | (2,076,468) | (2,076,468) | (2,162,935) | 86,467 |
| 4 | | 1910 | Office Furniture & Equipment | 896,326 | 328,137 | 100.00% | 328,137 | 328,137 | 330,332 | (2,195) |
| 5 | | 1910 - URR | Office Furniture & Equipment - Reserve Amortization | | 73 | 100.00% | 73 | 73 | 73 | 0 |
| 6 | | 1911 | Office Furniture & Equipment - EDP Equipment | 1,336 | (9,619) | 100.00% | (9,619) | (9,619) | (10,099) | 480 |
| 7 | | 1911 - URR | Office Furniture & Equipment - EDP Equipment - Res. Amort | | (7,680) | 100.00% | (7,680) | (7,680) | (7,680) | 0 |
| 8 | | 1940 | Tools, Shop & Garage Equipment | 126,798 | 71,586 | 100.00% | 71,586 | 71,586 | 71,770 | (184) |
| 9 | | 1940 - URR | Tools, Shop & Garage Equipment - Reserve Amortization | | 2,400 | 100.00% | 2,400 | 2,400 | 2,400 | 0 |
| 10 | | 1970 | Communication Equipment | 6,533,621 | 5,096,020 | 100.00% | 5,096,020 | 5,096,020 | 5,091,915 | 4,105 |
| 11 | | 1970 - URR | Communication Equipment - Reserve Amortization | | 502,133 | 100.00% | 502,133 | 502,133 | 502,133 | 0 |
| 12 | | 1980 | Miscellaneous Equipment | 108,282 | 46,189 | 100.00% | 46,189 | 46,189 | 46,520 | (331) |
| 13 | | 1980 - URR | Miscellaneous Equipment - Reserve Amortization | | (573) | 100.00% | (573) | (573) | (573) | 0 |
| 14 | | 1990 | ARO - Common Plant | | 237,098 | 100.00% | 237,098 | (237,098) | 0 | 0 |
| 15 | | | Completed Construction Not Classified | | 0 | 100.00% | 0 | 0 | 0 | 0 |
| 16 | | 108 | Retirement Work in Progress | | 3,224 | 100.00% | 3,224 | 3,224 | 3,224 | 0 |
| <hr/> | | | | | | | | | | |
| 17 | | | Total Common Plant | 46,699,755 | 26,752,358 | | 26,752,358 | (237,098) | 26,515,260 | 72,674 |
| <hr/> | | | | | | | | | | |
| Common Plant Allocated to Electric | | | | | | | | | | |
| 18 | | 71.36% | Original Cost | 33,324,945 | | | | | | |
| 19 | | 71.36% | Reserve for Depreciation | | 19,090,483 | | 19,090,483 | (169,193) | 18,921,290 | 51,860 |
| <hr/> | | | | | | | | | | |
| 20 | | | Total Electric Plant Including Allocated Common | 2,247,062,477 | 894,245,408 | | 894,245,406 | (44,270,118) | 849,975,288 | 120,622 |

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-043

REQUEST:

Refer to the Direct Testimony of John J. Spanos (“Spanos Testimony”), and further to Tables 1 – 3 of Attachment JS-1, pages 232 – 234 of 382. Specifically refer to the calculated percentage of terminal net salvage for East Bend in column 6 of (8%) on Table 3 on page 234. Confirm that the correct terminal net salvage percentage should have been calculated to be (7%), computed by dividing \$54,703,281 in column 4 by (\$775,508,953) in column 5. If not confirmed, provide a corrected Table 1, Table 2, and Table 3 in electronic format with all formulas in place. If not confirmed, explain why not in detail.

RESPONSE:

The terminal net salvage of negative 8% is correctly calculated. The total decommissioning amount used to calculate the terminal net salvage for Steam Production included the amount for East Bend as well as the remaining decommissioning cost for Miami Fort Unit 6 of \$4,887,000. This amount was included in the calculation but mistakenly hidden in the version of the table provided in the report. The amount should have been displayed consistently on the schedules as was done in the previous Depreciation Study performed in case 2017-00321.

PERSON RESPONSIBLE: John J. Spanos

Duke Energy Kentucky
Case No. 2022-00372
Attorney General’s Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-044

REQUEST:

Refer to the Company’s response to the Attorney General’s First Request, Item 150(f), in regard to make whole payments and financial transmission rights (“FTRs”) recorded in the actual portion of the base year but not budgeted in forecasted periods. Refer also to the breakdown of Account 456 (Other Electric Revenues) provided as an attachment in Duke Kentucky’s response to the Attorney General’s First Request, Item 150(c). Explain why the Company has not budgeted for any make whole payments in account 456025 and FTRs in account 456111 in forecasted periods when it has recorded actual revenues in each account for all years 2019 through 2022 as follows.

| | <u>Acct 456025</u> | <u>Acct 456111</u> |
|------|--------------------|--------------------|
| 2019 | \$1,249,283.91 | \$3,805,703.14 |
| 2020 | \$1,907,377.84 | \$1,048,604.72 |
| 2021 | \$2,984,978.96 | \$2,732,543.81 |
| 2022 | \$4,469,491.14 | \$5,656,158.33 |

RESPONSE:

Generally speaking, Make Whole Payments are payments from PJM to make a generator whole if it is dispatched when it is not economic. The forecasting generation model runs a generator when it is economic; therefore, Make Whole Payments are not forecasted. Actual Make Whole Payments received by Duke Energy Kentucky are returned to customers either through the Fuel Adjustment Clause or the Profit Sharing Mechanism.

FTRs are a financial contract (hedge) entitling the FTR holder to a stream of revenues (or charges) based on the actual day-ahead hourly congestion price difference across an energy path between generator(s) and load. The Company does not forecast hedges. The FTRs are included in either the Fuel Adjustment Clause or the Profit Sharing Mechanism.

PERSON RESPONSIBLE: John D. Swez
Lisa D. Steinkuhl
Grady “Tripp” S. Carpenter

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-045

REQUEST:

Refer to the Base Period Cust tab in Duke Kentucky's response to the Commission Staff's First Request for Information ("Commission Staff's First Request"), Item 56, STAFF-DR-01-056_Attachment_-_KPSC_Elec_SFRs_-_2022 Excel workbook.

a. Provide the same information as shown on this tab for number of customers by class and kWh sales by class, substituting actual results for all months with available information.

b. Explain why there was a large increase (+2,106) in residential customers in April 2022 and a large decrease (1,568) in commercial customers in the same month and why these changes were apparently budgeted as not occurring during the budgeted months.

RESPONSE:

a. Please see AG-DR-02-045 Attachment for the number of customers by class and kWh sales by class, substituting actual results for all projected months through January 2023.

b. The large increase in customers in the residential class as well as the large decrease in customers in the commercial class from March 2022 to April 2022 occurred at the same time Duke Energy Kentucky transitioned to a new billing system. With the transition, a subset of customers in the commercial class that were paying residential rates were permanently migrated to the residential class. This migration of customers between

classes was not anticipated at the time the forecast was prepared.

PERSON RESPONSIBLE: Danielle L. Weatherston – a.
Max W. McClellan – b.

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2022-00372
 REVENUE STATISTICS-TOTAL COMPANY
 12 MONTHS ENDED FEBRUARY 28, 2023

| | <u>Mar-22</u> | <u>Apr-22</u> | <u>May-22</u> | <u>Jun-22</u> | <u>Jul-22</u> | <u>Aug-22</u> | <u>Sep-22</u> | <u>Oct-22</u> | <u>Nov-22</u> | <u>Dec-22</u> | <u>Jan-23</u> | <u>Feb-23</u> | <u>Total</u> | <u>Average</u> |
|---------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| 1 NO. OF CUSTOMERS BY | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Budget) | | |
| 2 <u>CLASS (YEAR END)</u> | | | | | | | | | | | | | | |
| 3 RETAIL - | | | | | | | | | | | | | | |
| 4 RESIDENTIAL | 132,247 | 134,353 | 134,347 | 134,510 | 134,722 | 134,794 | 134,728 | 135,106 | 135,183 | 135,292 | 135,728 | 132,930 | 1,613,940 | 134,495 |
| 5 COMMERCIAL | 14,198 | 12,630 | 12,607 | 12,660 | 12,672 | 12,664 | 12,671 | 12,678 | 12,685 | 12,676 | 12,671 | 13,940 | 154,752 | 12,896 |
| 6 INDUSTRIAL | 350 | 338 | 337 | 336 | 331 | 331 | 329 | 328 | 328 | 326 | 319 | 349 | 4,002 | 334 |
| 7 LIGHTING | 693 | 526 | 526 | 526 | 526 | 525 | 525 | 521 | 521 | 517 | 517 | 485 | 6,408 | 534 |
| 8 OPA | 895 | 914 | 909 | 909 | 903 | 898 | 888 | 886 | 885 | 884 | 884 | 924 | 10,779 | 898 |
| 9 TOTAL RETAIL | 148,383 | 148,761 | 148,726 | 148,941 | 149,154 | 149,212 | 149,141 | 149,519 | 149,602 | 149,695 | 150,119 | 148,628 | 1,789,881 | 149,157 |
| 10 | | | | | | | | | | | | | | |
| 11 KWH SALES BY | | | | | | | | | | | | | | |
| 12 <u>CLASS</u> | | | | | | | | | | | | | | |
| 13 RETAIL - | | | | | | | | | | | | | | |
| 14 RESIDENTIAL | 108,373,984 | 100,917,703 | 94,733,919 | 127,810,507 | 153,830,716 | 158,403,512 | 135,441,231 | 89,188,421 | 85,962,560 | 133,909,513 | 145,635,186 | 143,573,550 | 1,477,780,803 | |
| 15 COMMERCIAL | 104,693,591 | 61,940,501 | 111,714,028 | 81,788,008 | 187,701,747 | 156,155,298 | 146,887,085 | 104,617,393 | 111,001,943 | 110,285,947 | 135,295,873 | 125,673,090 | 1,437,754,502 | |
| 16 INDUSTRIAL | 54,196,864 | 23,632,740 | 47,605,705 | (27,830,418) | 164,732,942 | 92,372,091 | 89,593,967 | 66,608,908 | 44,341,520 | 64,604,050 | 64,341,034 | 63,768,840 | 747,968,242 | |
| 17 LIGHTING | 1,036,306 | 106,222 | 1,025,671 | 2,003,462 | 1,069,427 | (1,224,632) | 3,397,598 | 1,182,512 | 1,086,874 | 989,550 | 1,127,346 | 1,193,760 | 12,994,094 | |
| 18 OPA | 17,784,336 | 7,745,332 | 18,151,499 | (1,216,265) | 43,520,330 | 25,246,060 | 24,548,756 | 20,134,861 | 12,409,578 | 22,256,691 | 11,509,851 | 21,887,800 | 223,978,829 | |
| 19 TOTAL RETAIL | 286,085,081 | 194,342,498 | 273,230,820 | 182,555,293 | 550,855,162 | 430,952,329 | 399,868,637 | 281,732,094 | 254,802,475 | 332,045,752 | 357,909,289 | 356,097,040 | 3,900,476,470 | |

(A) Represents billed sales.

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

PUBLIC AG-DR-02-046

REQUEST:

Refer to the Confidential Attachment to Duke Kentucky's response to the Attorney General's First Request, Item 163, which provides the forecast details for the projected September 2023 long-term debt issuance with a cost of 5.990%. Provide an updated calculation of the projected issuance cost percentage based on current forecasted market conditions. In addition, provide the calculation and support in electronic format with all formulas in place.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment only)

Please see AG-DR-02-046 Confidential Attachment.

PERSON RESPONSIBLE: Christopher R. Bauer

**CONFIDENTIAL PROPRIETARY TRADE
SECRET**

**AG-DR-02-046
CONFIDENTIAL ATTACHMENT**

FILED UNDER SEAL

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-047

REQUEST:

Refer to the determination of 2021 property tax expense of \$15,652,921 in Duke Kentucky's response to the Attorney General's First Request, Item 141, Attachment 1, as well as the escalated property tax amounts for calendar years 2022 through 2024. Refer also to the property tax expense amount of \$14,497,979 provided for the electric operations in 2021 in the attachment of Duke Kentucky's response to the Commission Staff's First Request, Item 53.

- a. Explain all reasons why the two amounts provided for 2021 differ.
- b. Indicate whether the amounts included in Duke Kentucky's response to the Attorney General's First Request, Item 141, Attachment 1 represent only electric operations amounts. If not, explain and provide the electric operations only amounts.
- c. Provide the quantifications in electronic format with all formulas in place used to escalate property tax expense by 14.60% in 2022, 5.26% in 2023, and 9.80% in 2024. Be sure to include the assumed net plant values at the beginning of each year and the effective tax rates used in the quantifications.
- d. Provide the amount of property tax expense recorded in account 408120 for the electric operations division for each month starting January 2019 through the most recent month with available information, including months in 2023.

RESPONSE:

- a. The amount of \$14,497,979 is expense recorded in 2021 related to tax years

2020 and 2021. The amount of \$15,652,921 is the estimated property tax related to 2021 provided by the various assessing authorities.

b. The \$15,652,921 represents the estimated property tax liability for 2021 value assessments for Duke Energy Kentucky's electric operations and common assets. The electric only amount is \$15,620,178.

c. Please see AG-DR-02-047 Attachment.

d. Please see AG-DR-02-047 Attachment.

PERSON RESPONSIBLE: John R. Panizza

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 17, 2023
AG-DR-02-047

Refer to the determination of 2021 property tax expense of \$15,652,921 in Duke Kentucky's response to the Attorney General's First Request, Item 141, Attachment 1, as well as the escalated property tax amounts for calendar years 2022 through 2024. Refer also to the property tax expense amount of \$14,497,979 provided for the electric operations in 2021 in the attachment of Duke Kentucky's response to the Commission Staff's First Request, Item 53.

c. Provide the quantifications in electronic format with all formulas in place used to escalate property tax expense by 14.60% in 2022, 5.26% in 2023, and 9.80% in 2024. Be sure to include the assumed net plant values at the beginning of each year and the effective tax rates used in the quantifications.

| | Property Tax Year 2021 | Property Tax Year 2022 | Property Tax Year 2023 | Property Tax Year 2024 |
|--|---------------------------|---------------------------|---------------------------|---------------------------|
| Projected Total Property, Plant and Equipment (Includes Gas) | 2,944,372,875 | 3,081,412,057 | 3,198,529,338 | 3,366,925,663 |

Duke Energy Kentucky - Kentucky Electric

| | | | | |
|--|------------|------------|------------|------------|
| Gross Tax Estimate | 12,988,508 | 14,541,264 | 15,326,264 | 16,950,325 |
| 2021 DEK Electric Effective Tax Rate | 0.4411% | 0.4411% | 0.4411% | 0.4411% |
| Rolling Average of Projected Operating Income Increase | | 4.88% | 6.49% | 11.89% |
| Projected Property Tax Rate Increase | | 2.00% | 2.00% | 2.00% |
| Projected Electric Effective Tax Rate | | 0.47190% | 0.47917% | 0.50344% |

Duke Energy Kentucky - North Carolina Common and Ohio Electric

| | | | | |
|------------------------------|-----------|-----------|-----------|-----------|
| Tax Estimate | 3,888,798 | 4,151,189 | 4,308,966 | 4,535,824 |
| 2021 Effective Tax Rate | 0.1321% | 0.1321% | 0.1321% | 0.1321% |
| Projected Tax Rate Increase | | 2.00% | 2.00% | 2.00% |
| Projected Effective Tax Rate | | 0.13472% | 0.13472% | 0.13472% |

Duke Energy Kentucky - West Virginia Common

| | | | | |
|--------------|--------|--------|--------|--------|
| Tax Estimate | 13,153 | 13,664 | 13,664 | 13,664 |
|--------------|--------|--------|--------|--------|

Duke Energy Kentucky - Kentucky Electric Tax Planning

| | | | | |
|-----------------------|-------------|-----------|-----------|-----------|
| Estimated Tax Savings | (1,237,537) | (767,593) | (767,593) | (767,593) |
|-----------------------|-------------|-----------|-----------|-----------|

Duke Energy Kentucky - Total Electric and Common

| | | | | |
|-------------------------|------------|------------|------------|------------|
| Total Tax Estimate | 15,652,922 | 17,938,525 | 18,881,302 | 20,732,221 |
| Year over Year Increase | | 14.60% | 5.26% | 9.80% |

d. Provide the amount of property tax expense recorded in account 408120 for the electric operations division for each month starting January 2019 through the most recent month with available information, including months in 2023.

| Month/Year | Account | Net Activity |
|------------|---------|--------------|
| 01-2019 | 0408121 | 481,692.90 |
| 01-2019 | 0408040 | 7,548.00 |
| 02-2019 | 0408121 | 908,083.00 |
| 02-2019 | 0408040 | 7,548.00 |
| 03-2019 | 0408121 | 908,083.00 |
| 03-2019 | 0408040 | 7,548.00 |
| 04-2019 | 0408121 | 908,083.00 |
| 04-2019 | 0408040 | 7,548.00 |
| 05-2019 | 0408121 | 908,151.02 |
| 05-2019 | 0408040 | 7,548.00 |

| | | |
|-------------------|---------|----------------------|
| 06-2019 | 0408121 | 908,083.00 |
| 06-2019 | 0408040 | 7,548.00 |
| 07-2019 | 0408121 | 908,083.00 |
| 07-2019 | 0408040 | 7,548.00 |
| 08-2019 | 0408121 | 908,083.00 |
| 08-2019 | 0408040 | 7,548.00 |
| 09-2019 | 0408121 | 908,083.00 |
| 09-2019 | 0408040 | 7,548.00 |
| 10-2019 | 0408121 | 908,083.00 |
| 10-2019 | 0408040 | 7,548.00 |
| 11-2019 | 0408121 | 908,083.00 |
| 11-2019 | 0408040 | 7,548.00 |
| 12-2019 | 0408121 | 671,638.76 |
| 12-2019 | 0408040 | (9,484.44) |
| 2019 Total | | 10,307,773.24 |

| Month/Year | Account | Net Activity |
|-------------------|---------|----------------------|
| 01-2020 | 0408121 | 1,047,917.00 |
| 01-2020 | 0408040 | 6,960.00 |
| 02-2020 | 0408121 | 1,047,917.00 |
| 02-2020 | 0408040 | 6,960.00 |
| 03-2020 | 0408121 | 815,582.10 |
| 03-2020 | 0408040 | 6,960.00 |
| 04-2020 | 0408121 | 1,047,917.00 |
| 04-2020 | 0408040 | 6,960.00 |
| 05-2020 | 0408121 | 1,047,917.00 |
| 05-2020 | 0408040 | 6,960.00 |
| 06-2020 | 0408121 | 1,047,917.00 |
| 06-2020 | 0408040 | 6,960.00 |
| 07-2020 | 0408121 | 1,047,917.00 |
| 07-2020 | 0408040 | 6,960.00 |
| 08-2020 | 0408121 | 1,047,917.00 |
| 08-2020 | 0408040 | 6,960.00 |
| 09-2020 | 0408121 | 503,761.60 |
| 09-2020 | 0408040 | 6,960.00 |
| 10-2020 | 0408121 | 1,047,917.00 |
| 10-2020 | 0408040 | 6,960.00 |
| 11-2020 | 0408121 | 1,047,917.00 |
| 11-2020 | 0408040 | 6,960.00 |
| 12-2020 | 0408121 | 626,674.77 |
| 12-2020 | 0408040 | 2,916.78 |
| 2020 Total | | 11,456,748.25 |

| Month/Year | Account | Net Activity |
|------------|---------|--------------|
| 01-2021 | 0408000 | 6,900.00 |
| 01-2021 | 0408121 | 1,047,917.00 |
| 02-2021 | 0408000 | 6,900.00 |
| 02-2021 | 0408121 | 1,284,931.00 |
| 03-2021 | 0408000 | 6,900.00 |
| 03-2021 | 0408121 | 1,166,424.00 |
| 04-2021 | 0408000 | 6,900.00 |
| 04-2021 | 0408121 | 1,166,424.00 |
| 05-2021 | 0408000 | 6,900.00 |
| 05-2021 | 0408121 | 1,166,424.00 |
| 06-2021 | 0408000 | 6,900.00 |
| 06-2021 | 0408121 | 1,166,424.00 |
| 07-2021 | 0408000 | 6,900.00 |
| 07-2021 | 0408121 | 1,166,424.00 |
| 08-2021 | 0408000 | 6,900.00 |
| 08-2021 | 0408121 | 1,166,424.00 |
| 09-2021 | 0408000 | 6,900.00 |
| 09-2021 | 0408121 | 1,166,424.00 |

| | | |
|-------------------|---------|----------------------|
| 10-2021 | 0408000 | 6,900.00 |
| 10-2021 | 0408121 | 1,166,424.00 |
| 11-2021 | 0408000 | 6,900.00 |
| 11-2021 | 0408121 | 1,166,424.00 |
| 12-2021 | 0408000 | 61,788.42 |
| 12-2021 | 0408121 | <u>1,529,626.56</u> |
| 2021 Total | | 14,497,978.98 |

| <u>Month/Year</u> | <u>Account</u> | <u>Net Activity</u> |
|-------------------|----------------|----------------------|
| 01-2022 | 0408000 | 8,236.00 |
| 01-2022 | 0408121 | 1,166,424.00 |
| 02-2022 | 0408000 | 8,236.00 |
| 02-2022 | 0408121 | 1,215,092.00 |
| 03-2022 | 0408000 | 8,236.00 |
| 03-2022 | 0408121 | 1,533,412.00 |
| 04-2022 | 0408000 | 8,236.00 |
| 04-2022 | 0408121 | 1,304,976.00 |
| 05-2022 | 0408000 | 8,236.00 |
| 05-2022 | 0408121 | 1,304,976.00 |
| 06-2022 | 0408000 | 8,236.00 |
| 06-2022 | 0408121 | 1,304,976.00 |
| 07-2022 | 0408000 | 8,236.00 |
| 07-2022 | 0408121 | 1,304,976.00 |
| 08-2022 | 0408000 | 8,236.00 |
| 08-2022 | 0408121 | 1,304,976.00 |
| 09-2022 | 0408000 | 8,236.00 |
| 09-2022 | 0408121 | 1,204,819.00 |
| 10-2022 | 0408000 | 8,236.00 |
| 10-2022 | 0408121 | 1,304,976.00 |
| 11-2022 | 0408000 | 8,236.00 |
| 11-2022 | 0408121 | 1,304,976.00 |
| 12-2022 | 0408000 | (47,208.26) |
| 12-2022 | 0408121 | <u>1,211,846.29</u> |
| 2022 Total | | 15,509,813.03 |

| <u>Month/Year</u> | <u>Account</u> | <u>Net Activity</u> |
|---------------------------------|----------------|---------------------|
| 01-2023 | 0408121 | 1,304,976.00 |
| 01-2023 | 0408000 | <u>7,524.00</u> |
| 2023 Total as of 2.20.23 | | 1,312,500.00 |

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-048

REQUEST:

Refer to the Environmental Surcharge Report filed with the Commission on December 16, 2022, for the expense month of November 2022, and specifically to ES Form 2.20.

a. Confirm that the Company is amortizing the costs of the East Bend coal ash Asset Retirement Obligations (“ARO”) over ten years on an equal monthly basis, equivalent to a levelized or annuitized form of amortization and recovery. If this is not accurate, then provide a corrected statement and the source of the information relied on for the corrected statement.

b. Indicate where in the Company’s pending Application, testimony, and/or responses to discovery in Case 2015-00187, Case 2017-00321, or other case/proceeding, it explained to the Commission its proposed calculations for the monthly recovery of the coal ash ARO over ten years, including a return on the unamortized amount at its weighted average cost of capital, on a levelized basis.

c. Provide the Excel spreadsheet in live format and with all formulas intact used to calculate the monthly amortization of the East Bend coal ash ARO.

d. Confirm that the Company’s proposal to roll in the capital costs from the ESM to base rates in this rate case proceeding does not include the roll in of the coal ash ARO to base rates. If confirmed, explain why it does not.

e. The ESM Form 2.20 provides a runout of the monthly recovery through May 2028 when the unamortized remaining amount is reduced to \$0. Indicate if there is

any significance to the May 2028 date other than the fact that it is the last month of the ten-year amortization period.

f. Confirm that in Duke Kentucky's Application at 9, paragraph 16, in Case 2015-00187, the Company stated the following:

If the Commission approves Duke Energy Kentucky's requested regulatory asset treatment, Duke Energy Kentucky expects to make the following journal entries based on estimates available as of April 30, 2015. Amounts may change as new information regarding ash pond closure costs estimates becomes available:

a. Dr. 182.3 ARO Regulatory Asset \$116 million

Cr. 403.1 Depreciation Expense for ARC \$116 million

Defer depreciation expense of Asset Retirement Cost (ARC) in Account 101 over the remaining life of the asset (annual amount of approximately \$4.4 million).

g. Refer to the prior question and confirm that the annual amortization of approximately \$4.4 million was calculated based on an East Bend service life through 2041 (\$116 million divided by \$4.4 million equals approximately 26 years; 2015 plus 26 equals 2041). If not, explain why not.

RESPONSE:

a. Per Commission order in Case No. 2017-00321, the Company is amortizing the costs of the East Bend coal ash Asset Retirement Obligations (ARO) through April 2018 over ten years on an equal monthly basis, equivalent to a levelized or annuitized form of amortization and recovery. The remaining coal ash ARO costs per that same order are being recovered monthly as spent on a two-month lag.

b. Objection. This request is unreasonable and overly burdensome as it seeks publicly available information contained in orders by the Kentucky Public Service Commission that is accessible to the Attorney General. In this regard, it is harassing in nature as it is requiring the Company to engage in busywork. Without waiving said objection, and to the extent discoverable, in Case No. 2017-00321, Cynthia S. Lee discusses the Company's proposed calculations for the monthly recovery of the coal ash ARO over ten years, including a return on the unamortized amount at its weighted average cost of capital, on a levelized basis in her direct testimony and rebuttal testimony. The December 15, 2015 Final Order in Case No. 2015-00187, page 8, item 3, approved carrying costs on the unamortized coal ash regulatory asset. The April 13, 2018 Commission Order in Case No. 2017-0032, page 79, item 7, approved Duke Energy's request to amortize the East Bend Ash Pond ARO over a ten-year period is approved.

c. Please see AG-DR-02-040 Attachment 1 and Attachment 2, ES FORM 2.20, for the Excel spreadsheet in live format and with all formulas intact used to calculate the monthly amortization of the East Bend coal ash ARO.

d. Confirmed. The Company's proposal to roll in the capital costs from the ESM to base rates in this rate case proceeding does not include the roll in of the coal ash ARO to base rates. Coal ash ARO was not rolled into base rates to ensure that customers pay no more or no less than the actual amortization.

e. There is not any significance to the May 2028 date other than it is the last month of the ten-year amortization period.

f. Confirmed.

g. Confirmed; however, the example included in the application in Case No. 15-00187 is currently irrelevant. See the response to b. for the Commission approved treatment of the amount of East Bend coal ash ARO.

PERSON RESPONSIBLE: As to Objection, Legal
As to Response, Lisa D. Steinkuhl

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-049

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 94(b), which states that the Company "sells receivables to CRC on a daily basis," and the Company's response to the Attorney General's First Request, Item 94(c), which states that "[c]ash is received daily and posted to customer accounts."

a. Specifically describe and quantify the number of days from the day the Company "sells its receivables to CRC" to the day the Company receives the cash from that sale, assuming that the Company and other Duke utilities are not required to send or return cash to CRC under the circumstances described in the last paragraph of Duke Kentucky's response to the Attorney General's First Request, Item 94(d). Provide the Company's calculation used to quantify the number of days in response to this request.

b. Confirm that the Company maintains a daily cash balance register or some other form or recordation that reflects cash received from the sale of its receivables to CRC regardless of whether the journal entries reflecting the net receivables transactions are recorded only one time per month (see Duke Kentucky's response to the Attorney General's First Request, Item 94(d)).

c. Provide a schedule in Excel live format for each day in the month of January 2022 that tracks the sale of the Company's receivables to CRC and the receipt of the related cash from CRC, showing the date and amount of the receivables sold to CRC on that date, the date and amount the related cash was received from CRC for each such sale, and the

amount of the cash retained by CRC for each such sale by cost component to cover the costs incurred by CRC for bad debt expense, interest expense, and other costs. Calculate the number of days lag from the sale to the receipt of cash for each day's sales to CRC and an average for the month.

d. Confirm that the rationale for the sale of receivables to CRC is to accelerate the availability of cash from customer billings through CRC short term borrowings using the receivables sold by the Company to CRC as collateral for those borrowings. If not confirmed, explain the response in detail.

RESPONSE:

a. Transactions are structured in a way that there is not a daily transfer of funds for the days billings, nor is there a transfer of amounts collected. Amounts of daily billings and cash collections are aggregated and recorded monthly, in accordance with our normal billing processes. CRC's funds availability is limited to its borrowing capacity of \$350 million. To the extent that it purchases receivables and is unable to pay for them, a subordinated note to the utilities is adjusted. Occasionally the receivables from the utilities are inadequate to fully collateralize the loans that CRC maintains. In these instances, cash is provided to CRC so they are able to pay down their debt. The debt is again fully drawn once receivables are adequate. This last happened in April of 2021.

b. Please refer to (a).

c. Please refer to (a).

d. The sale of receivables does not provide faster access to cash. It differs from a more traditional factoring arrangement. Rather, a cash influx was received upon the establishment of the receivables facility. This cash was available to CRC from their

banking partners who had issued commercial paper to fund the transaction. The sale of receivables to CRC provides ongoing collateral to support this low cost debt.

PERSON RESPONSIBLE: Danielle L. Weatherston

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-050

REQUEST:

Refer to Attachment 1 to Duke Kentucky's response to the Attorney General's First Request, Item 94(a).

a. Provide a description of each unique accounting entry, e.g., "sale of retail receivables," "reclassify bank interest p," "reclassify cash collection," etc. In addition, explain what a positive amount and a negative amount means for each of these unique accounting entries. Further, provide a description of the sequence of accounting entries where there are the same amounts, but different accounts and/or different signs. Finally, provide all written documentation regarding each of these accounts and how they are used in the Company's accounting.

b. Confirm that the amounts recorded at the end of each month reflect the accumulation of daily activity during the month. If confirmed, provide a detailed description of how the amounts related to the sale of the receivables are accumulated and recorded to each of the unique accounts, e.g., "sale of retain receivables," "reclassify bank interest p, "reclassify cash collection," etc. Describe the source relied on by the general ledger to collect and accumulate the amounts recorded to each of the unique accounts.

RESPONSE:

a. Section 1- "Sale of retail receivables" of the entry records the sale of the receivables to CRC. In this subset of the transaction, Loss on the Sale of AR is recorded to a 426 FERC account, Late Payment revenue is reversed from Duke Energy Kentucky and

the contra accounts 0142891 and 0173891 are increased to reflect the month's billing. These are offset with a corresponding debit to the 0145891, which is the subordinated note.

Section 2 – “Reclassify bank interest p” of the entry recharacterizes bank interest to an intercompany account that will eliminate in consolidation with a corresponding amount on CRC. In this entry 426 FERC accounts are used, resulting in no impact on the income statement.

In Section 3 – “Reclassify charge offs to s” of the journal entry, actual charge-offs of accounts receivable are being removed from Duke Energy Kentucky's books by crediting account 0144000 with an offset to the aforementioned contra account, 0142891.

Section 4 – “Reclassify cash collection” of the entry adjusts the 0142891 contra account for the cash collected to keep it aligned with the receivable account. Recoveries of previously written off items are also recorded. These amounts are offset to the 0232892 account.

Section 5 – “Record additional paydown” is only populated when there is a paydown of the note receivable funded by a loan increase from CRC. In this case cash would be debited, and the subordinated note in account 0145891 would be credited.

Section 6 – “Transfer remaining cash co” is intended to relieve the payable established in Section 4, crediting cash. Duke Energy Kentucky serves as a collection agent for CRC and earns a fee of .05% of billings. This is credited to the 903 FERC account in this entry.

Section 7 – “Record interest revenue on” records the interest CRC pays to Duke Energy Kentucky as the subordinated note receivable is adjusted for the changes in billings and cash collections. This interest revenue is credited to a 419 FERC account, with the offset being the subordinated note, 0145891.

Section 8 – “Reduction of Note receivab” of the entries records the reduction of the note receivable. Cash collections are debited to cash, and the subordinated note (0145891) is relieved.

Positive amounts represent debits. Debits are increases to assets and expenses, and reductions to liabilities and revenue. Negative amounts are credits. Credits are increases to liabilities and revenues, and decreases to assets and expenses.

See the explanations above for a description of the sequence of accounting entries where there are the same amounts, but different accounts and/or different signs. The journal entry is for both the gas and electric business. The business units for the electric portion are 75080 and 75085 and the business units for the gas portion are 75087 and 75088.

Refer to AG-DR-01-094 for a listing of the general ledger accounts used in recording the Sale of Accounts Receivable transactions. Below is a table indicating their intercompany status, FERC account designation and presentation on GAAP financial statements.

| Account | Account Description | Inter Company | FERC Account | Financial Statement Placement |
|----------------|------------------------------|----------------------|---------------------|---------------------------------------|
| 0131155 | Cash PNC 0659 | N | 131 | Cash |
| 0142891 | IC Customer AR Sold VIE | N | 142 | Total Receivables |
| 0144100 | SCHM Uncollectible Accr Elec | N | 144 | Total Receivables |
| 0145891 | IC Note Rec VIE | Y | 145 | Receivables from Affiliated Companies |
| 0146000 | AR Intercompany Crossbill | N | 146 | Receivables from Affiliated Companies |
| 0173891 | IC Unbilled AR Sold VIE | N | 173 | Total Receivables |
| 0232892 | AP Miscellaneous | N | 232 | Accounts Payable |
| 0419891 | IC Int Income VIE | Y | 419 | Intercompany Interest Income |
| 0426509 | Loss on Sale of A/R | N | 426 | Operating Expenses |
| 0426591 | I/C - Loss on Sale of A/R | Y | 426 | Intercompany Operating Expenses |

| | | | | |
|----------------|-----------------------------|---|-----|---|
| 0426891 | IC Sale of AR Fees VIE | Y | 426 | Intercompany Admin and General Expenses |
| 0450100 | Late Pmt and Forf Disc | N | 450 | Other Electric Revenue Related |
| 0487001 | Discounts Earn/Lost-Gas | N | 487 | Other Revenue Gas Related |
| 0903891 | IC Collection Agent Revenue | Y | 903 | Intercompany Operating Expenses |

b. The amounts used in the Sale of Accounts Receivable journal entries do indeed represent that month's activity. Inputs are sourced primarily from the general ledger and represent the activity posted for the month. Billings and cash collections reflect activity posted to the accounts receivable accounts as identified by specific journal entries from the billing system. Also from the billing system, charge-offs, recoveries, and late payment revenue are captured, which can be isolated by account number. Changes in unbilled revenue are sourced from the general ledger and reflect the current month's accrual and the reversal of the prior month's accrual. Interest paid to the banks is also derived from ledger activity and is pulled from entries posted from the Accounts Payable system to the 0431300 account where the vendor is the banking partner.

PERSON RESPONSIBLE: Danielle L. Weatherston

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-051

REQUEST:

Refer to the Attorney General's First Request, Item 93(c), which asked the Company to describe in detail the timing of the Company's receipt of cash from Cinergy Receivables, L.L.C. from the date when it transfers the receivables or the right to recover the receivables to Cinergy Receivables, L.L.C. Duke Kentucky did not provide a response directly to this question. Provide a response to the question as originally posed.

RESPONSE:

Please refer to AG-DR-02-049 for a description of the relationship between Cinergy Receivables, L.L.C. (CRC) and Duke Energy Kentucky. This arrangement is not a typical factoring agreement, where CRC would physically provide cash to Duke Energy Kentucky in exchange for the receivables. CRC is limited to its borrowing capacity of \$350 million, which is secured by the receivables purchased. To the extent the utilities have sold more receivables than CRC needs for collateral, that differential is reflected in a subordinated note.

Generally, Duke Energy Kentucky will fund their portion of interest on the outstanding debt of CRC and the monthly administrative fee. CRC will only provide cash to Duke Energy Kentucky when their previously paid down outstanding loan is once again fully drawn upon.

PERSON RESPONSIBLE: Danielle L. Weatherston

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

PUBLIC AG-DR-02-052

REQUEST:

For each major debt rating agency, Fitch, Moody's, and S&P's, indicate whether the debt borrowed by CRC is attributed to the utility that sold its receivables. If so, describe how each rating agency attributes all or some of the CRC debt to the utility, including the methodology and/or formula that each agency uses, if known. If not known, then so state. Provide all support relied on for the response. If there is no written documentation, then so state, and further describe the basis for the response.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET
(As to Attachments 1 and 2 only)

Yes, Moody's and S&P each attribute CRC debt to the utility. The allocable Duke Energy Kentucky amount is pulled from the VIE Footnote on Duke Energy Kentucky's financial statements (please see page 23 of AG-DR-02-052 Attachment 3). The 'Net receivables sold' amount of ~\$54 million as of December 31, 2021, as reflected in Duke Energy Kentucky's financial statements, can be found in the Moody's 2021 Duke Energy Kentucky credit metric calculations- please see Page 1 (tab 'Key Indicators'), column O (Securitization Adjustments), of AG-DR-02-052 Confidential Attachment 1. For S&P, the ~\$54 million adjustment is located on page 5 of AG-DR-02-052 Confidential Attachment 2 (see row 'Trade receivables securitizations').

PERSON RESPONSIBLE: Christopher R. Bauer

**CONFIDENTIAL PROPRIETARY TRADE
SECRET**

**AG-DR-02-052
CONFIDENTIAL ATTACHMENT 1**

FILED UNDER SEAL

**CONFIDENTIAL PROPRIETARY TRADE
SECRET**

**AG-DR-02-052
CONFIDENTIAL ATTACHMENT 2**

FILED UNDER SEAL

Duke Energy Kentucky, Inc.
Financial Statements
and Independent Auditor's Report

December 31, 2021

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DUKE ENERGY KENTUCKY, INC.

December 31, 2021

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GLOSSARY OF TERMS

Glossary of Terms

The following terms or acronyms used in this document are defined below:

| Term or Acronym | Definition |
|------------------------|--|
| AFUDC | Allowance for Funds Used During Construction |
| ARO | Asset Retirement Obligation |
| CRC | Cinergy Receivables Company, LLC |
| Duke Energy | Duke Energy Corporation |
| Duke Energy Kentucky | Duke Energy Kentucky, Inc. |
| EPA | U.S. Environmental Protection Agency |
| FERC | Federal Energy Regulatory Commission |
| FTR | Financial transmission right |
| GAAP | Generally Accepted Accounting Principles in the U.S. |
| KPSC | Kentucky Public Service Commission |
| NOL | Net operating loss |
| ROU assets | Right-of-use assets |
| U.S. | United States |

REPORTS

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors and Stockholder of
Duke Energy Kentucky, Inc.
Charlotte, North Carolina

Opinion

We have audited the accompanying financial statements of Duke Energy Kentucky, Inc. (the "Company"), which comprise the balance sheets as of December 31, 2021 and 2020, and the related statements of operations, changes in equity, and cash flows for the years then ended, and the related notes to the financial statements.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Duke Energy Kentucky, Inc. as of December 31, 2021 and 2020, and the results of its operations and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Company and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

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

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for one year after the date that the financial statements are issued.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

/s/ Deloitte & Touche LLP

March 11, 2022

FINANCIAL STATEMENTS

DUKE ENERGY KENTUCKY, INC.
STATEMENTS OF OPERATIONS

| (in thousands) | Years Ended December 31, | |
|--|--------------------------|------------|
| | 2021 | 2020 |
| Operating Revenues | | |
| Electric | \$ 406,720 | \$ 353,478 |
| Natural gas | 113,472 | 98,288 |
| Total operating revenues | 520,192 | 451,766 |
| Operating Expenses | | |
| Fuel used in electric generation and purchased power | 140,616 | 101,192 |
| Cost of natural gas | 42,452 | 26,630 |
| Operation, maintenance and other | 146,569 | 146,816 |
| Depreciation and amortization | 83,039 | 79,218 |
| Property and other taxes | 20,498 | 17,022 |
| Impairment charges | 2,271 | — |
| Total operating expenses | 435,445 | 370,878 |
| Gains on Sales of Assets and Other, net | 149 | 59 |
| Operating Income | 84,896 | 80,947 |
| Other Income and Expenses, net | 4,854 | 2,792 |
| Interest Expense | 26,284 | 25,888 |
| Income Before Income Taxes | 63,466 | 57,851 |
| Income Tax Expense | 10,070 | 9,708 |
| Net Income | \$ 53,396 | \$ 48,143 |

See Notes to Financial Statements

FINANCIAL STATEMENTS

DUKE ENERGY KENTUCKY, INC.
BALANCE SHEETS

| (in thousands, except share amounts) | December 31, | |
|---|---------------------|---------------------|
| | 2021 | 2020 |
| ASSETS | | |
| Current Assets | | |
| Cash and cash equivalents | \$ 5,483 | \$ 4,297 |
| Receivables (net of allowance for doubtful accounts of \$315 at 2021 and \$324 at 2020) | 7,658 | 8,333 |
| Receivables from affiliated companies | 31,503 | 23,032 |
| Inventory | 49,534 | 47,682 |
| Regulatory assets | 35,031 | 14,833 |
| Other | 21,849 | 8,490 |
| Total current assets | 151,058 | 106,667 |
| Property, Plant and Equipment | | |
| Cost | 3,081,412 | 2,944,373 |
| Accumulated depreciation and amortization | (1,063,561) | (1,030,627) |
| Facilities to be retired, net | 1,769 | — |
| Net property, plant and equipment | 2,019,620 | 1,913,746 |
| Other Noncurrent Assets | | |
| Regulatory assets | 115,166 | 112,034 |
| Operating lease right-of-use assets, net | 8,407 | 8,786 |
| Other | 17,656 | 14,225 |
| Total other noncurrent assets | 141,229 | 135,045 |
| Total Assets | \$ 2,311,907 | \$ 2,155,458 |
| LIABILITIES AND EQUITY | | |
| Current Liabilities | | |
| Accounts payable | \$ 45,939 | \$ 41,162 |
| Accounts payable to affiliated companies | 14,763 | 16,604 |
| Notes payable to affiliated companies | 102,596 | 75,472 |
| Taxes accrued | 20,982 | 20,620 |
| Interest accrued | 7,530 | 7,612 |
| Current maturities of long-term debt | — | 50,000 |
| Asset retirement obligations | 12,867 | 3,213 |
| Regulatory liabilities | 9,241 | 11,389 |
| Other | 16,234 | 16,956 |
| Total current liabilities | 230,152 | 243,028 |
| Long-Term Debt | 704,221 | 653,796 |
| Long-Term Debt Payable to Affiliated Companies | 25,000 | 25,000 |
| Other Noncurrent Liabilities | | |
| Deferred income taxes | 267,959 | 242,372 |
| Asset retirement obligations | 80,415 | 72,899 |
| Regulatory liabilities | 120,630 | 134,574 |
| Operating lease liabilities | 8,379 | 8,696 |
| Accrued pension and other post-retirement benefit costs | 30,910 | 31,431 |
| Other | 22,608 | 25,426 |
| Total other noncurrent liabilities | 530,901 | 515,398 |
| Commitments and Contingencies | | |
| Equity | | |
| Common stock, \$15.00 par value, 1,000,000 shares authorized and 585,333 shares outstanding | 8,780 | 8,780 |
| Additional paid-in capital | 292,494 | 242,494 |
| Retained earnings | 520,359 | 466,962 |
| Total equity | 821,633 | 718,236 |
| Total Liabilities and Equity | \$ 2,311,907 | \$ 2,155,458 |

See Notes to Financial Statements

FINANCIAL STATEMENTS

DUKE ENERGY KENTUCKY, INC.
STATEMENTS OF CASH FLOWS

| (in thousands) | Years Ended December 31, | |
|---|--------------------------|-----------------|
| | 2021 | 2020 |
| CASH FLOWS FROM OPERATING ACTIVITIES | | |
| Net income | \$ 53,396 | \$ 48,143 |
| Adjustments to reconcile net income to net cash provided by operating activities: | | |
| Depreciation and amortization | 83,718 | 79,783 |
| Equity component of AFUDC | (1,260) | 125 |
| (Gains) Losses on sales of other assets | (149) | (59) |
| Impairment charges | 2,271 | — |
| Deferred income taxes | 19,253 | 4,666 |
| Payments for asset retirement obligations | (2,424) | (1,685) |
| (Increase) decrease in: | | |
| Receivables | 3,588 | (1,916) |
| Receivables from affiliated companies | (7,105) | 8,086 |
| Inventory | (1,852) | 2,971 |
| Other current assets | (30,110) | (584) |
| Increase (decrease) in: | | |
| Accounts payable | 982 | 6,583 |
| Accounts payable to affiliated companies | (1,841) | 4,070 |
| Taxes accrued | 766 | 4,688 |
| Other current liabilities | (2,109) | (1,084) |
| Other assets | (7,785) | (3,806) |
| Other liabilities | (3,409) | (3,829) |
| Net cash provided by operating activities | 105,930 | 146,152 |
| CASH FLOWS FROM INVESTING ACTIVITIES | | |
| Capital expenditures | (165,859) | (226,190) |
| Notes receivable from affiliated companies | (1,366) | (5,002) |
| Other | (14,520) | (5,370) |
| Net cash used in investing activities | (181,745) | (236,562) |
| CASH FLOWS FROM FINANCING ACTIVITIES | | |
| Proceeds from the issuance of long-term debt | 50,000 | 69,745 |
| Payments for the redemption of long-term debt | (50,000) | — |
| Notes payable to affiliated companies | 27,124 | (7,037) |
| Capital contributions from parent | 50,000 | 25,000 |
| Other | (123) | (147) |
| Net cash provided by financing activities | 77,001 | 87,561 |
| Net Increase (decrease) in cash and cash equivalents | 1,186 | (2,849) |
| Cash and cash equivalents at beginning of period | 4,297 | 7,146 |
| Cash and cash equivalents at end of period | \$ 5,483 | \$ 4,297 |
| Supplemental Disclosures: | | |
| Cash paid for interest, net of amount capitalized | \$ 25,688 | \$ 24,857 |
| Cash paid for income taxes | 1,775 | 1,822 |
| Significant non-cash transactions: | | |
| Accrued capital expenditures | 28,490 | 24,547 |

See Notes to Financial Statements

FINANCIAL STATEMENTS

DUKE ENERGY KENTUCKY, INC.
STATEMENTS OF CHANGES IN EQUITY

| (in thousands) | Common Stock | Additional Paid-in Capital | Retained Earnings | Total Equity |
|-------------------------------------|-----------------|----------------------------------|----------------------|-----------------|
| Balance at December 31, 2019 | \$ 8,780 | \$ 217,494 | \$ 418,819 | \$ 645,093 |
| Net income | — | — | 48,143 | 48,143 |
| Contribution from parent | — | 25,000 | — | 25,000 |
| Balance at December 31, 2020 | \$ 8,780 | \$ 242,494 | \$ 466,962 | \$ 718,236 |
| Net income | — | — | 53,396 | 53,396 |
| Contribution from parent | — | 50,000 | — | 50,000 |
| Other | — | — | 1 | 1 |
| Balance at December 31, 2021 | \$ 8,780 | \$ 292,494 | \$ 520,359 | \$ 821,633 |

See Notes to Financial Statements

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

NATURE OF OPERATIONS AND BASIS OF PRESENTATION

Duke Energy Kentucky is a combination electric and natural gas regulated public utility company that provides service in northern Kentucky. Duke Energy Kentucky's principal lines of business include generation, transmission, distribution and sale of electricity, as well as the transportation and sale of natural gas. Duke Energy Kentucky is subject to the regulatory provisions of the KPSC and the FERC. Duke Energy Kentucky's common stock is wholly owned by Duke Energy Ohio, Inc., an indirect wholly owned subsidiary of Duke Energy.

Certain prior year amounts have been reclassified to conform to the current year presentation.

Other Current Assets and Liabilities

The following table provides a description of amounts included in Other within Current Assets or Current Liabilities that exceed 5% of total Current Assets or Current Liabilities on the Duke Energy Kentucky Balance Sheets at either December 31, 2021, or 2020.

| (in thousands) | Location | December 31, | |
|-------------------------|----------------|--------------|--------|
| | | 2021 | 2020 |
| Income Taxes Receivable | Current Assets | \$ 8,717 | \$ 140 |

SIGNIFICANT ACCOUNTING POLICIES

Use of Estimates

In preparing financial statements that conform to GAAP, Duke Energy Kentucky must make estimates and assumptions that affect the reported amounts of assets and liabilities, the reported amounts of revenues and expenses and the disclosure of contingent assets and liabilities at the date of the financial statements. Actual results could differ from those estimates.

Regulatory Accounting

The majority of Duke Energy Kentucky's operations are subject to price regulation for the sale of electricity and natural gas by the KPSC or FERC. When prices are set on the basis of specific costs of the regulated operations and an effective franchise is in place such that sufficient natural gas or electric services can be sold to recover those costs, Duke Energy Kentucky applies regulatory accounting. Regulatory accounting changes the timing of the recognition of costs or revenues relative to a company that does not apply regulatory accounting. As a result, regulatory assets and regulatory liabilities are recognized on the Balance Sheets and are amortized consistent with the treatment of the related cost in the ratemaking process. Regulatory assets are reviewed for recoverability each reporting period. If a regulatory asset is no longer deemed probable of recovery, the deferred cost is charged to earnings. See Note 2 for further information.

Duke Energy Kentucky utilizes cost-tracking mechanisms, commonly referred to as fuel adjustment clauses or purchased gas adjustment clauses. These clauses allow for the recovery of fuel and fuel-related costs, portions of purchased power, natural gas costs and hedging costs through surcharges on customer rates. The difference between the costs incurred and the surcharge revenues is recorded either as an adjustment to Operating Revenues, Operating Expenses - Fuel used in electric generation and purchased power or Operating Expenses - Cost of natural gas on the Statements of Operations with an off-setting impact on regulatory assets or regulatory liabilities.

Cash and Cash Equivalents

All highly liquid investments with maturities of three months or less at the date of acquisition are considered cash equivalents.

Inventory

Inventory related to regulated operations is valued at historical cost. Inventory is charged to expense or capitalized to property, plant and equipment when issued, primarily using the average cost method. Excess or obsolete inventory is written-down to the lower of cost or net realizable value. Once inventory has been written-down, it creates a new cost basis for the inventory that is not subsequently written-up. Provisions for inventory write-offs were not material at December 31, 2021, and 2020. The components of inventory are presented in the table below.

| (in thousands) | December 31, | |
|----------------------------|--------------|-----------|
| | 2021 | 2020 |
| Materials and supplies | \$ 16,685 | \$ 17,661 |
| Coal | 18,978 | 16,052 |
| Natural gas, oil and other | 13,871 | 13,969 |
| Total inventory | \$ 49,534 | \$ 47,682 |

Long-Lived Asset Impairments

Duke Energy Kentucky evaluates long-lived assets for impairment when circumstances indicate the carrying value of those assets may not be recoverable. An impairment exists when a long-lived asset's carrying value exceeds the estimated undiscounted cash flows expected to result from the use and eventual disposition of the asset. The estimated cash flows may be based on alternative expected outcomes that are probability weighted. If the carrying value of the long-lived asset is not recoverable based on these estimated future undiscounted cash flows, the carrying value of the asset is written-down to its then-current estimated fair value and an impairment charge is recognized.

Duke Energy Kentucky assesses the fair value of long-lived assets using various methods, including recent comparable third-party sales, internally developed discounted cash flow analysis and analysis from outside advisors. Triggering events to reassess cash flows may include, but are not limited to, significant changes in commodity prices, the condition of an asset or management's interest in selling the asset.

Property, Plant and Equipment

Property, plant and equipment are stated at the lower of depreciated historical cost net of any disallowances or fair value, if impaired. Duke Energy Kentucky capitalizes all construction-related direct labor and material costs, as well as indirect construction costs such as general engineering, taxes and financing costs. See "Allowance for Funds Used During Construction and Interest Capitalized" below for information on capitalized financing costs. Costs of renewals and betterments that extend the useful life of property, plant and equipment are also capitalized. The cost of repairs, replacements and major maintenance projects, which do not extend the useful life or increase the expected output of the asset, are expensed as incurred. Depreciation is generally computed over the estimated useful life of the asset using the composite straight-line method. Depreciation studies are conducted periodically to update composite rates and are approved by the KPSC and/or the FERC when required. The composite weighted average depreciation rate was 2.4% for the years ended December 31, 2021, and 2020.

In general, when Duke Energy Kentucky retires its regulated property, plant and equipment, the original cost plus the cost of retirement, less salvage value and any depreciation already recognized, is charged to accumulated depreciation. However, when it becomes probable a regulated asset will be retired substantially in advance of its original expected useful life or will be abandoned, the cost of the asset and the corresponding accumulated depreciation is recognized as a separate asset. If the asset is still in operation, the net amount is classified as Generation facilities to be retired, net on the Balance Sheets. If the asset is no longer operating, the net amount is classified in Regulatory assets on the Balance Sheets if deemed recoverable (see discussion of long-lived asset impairments above). The carrying value of the asset is based on historical cost if Duke Energy Kentucky is allowed to recover the remaining net book value and a return equal to at least the incremental borrowing rate. If not, an impairment is recognized to the extent the net book value of the asset exceeds the present value of future revenues discounted at the incremental borrowing rate.

When Duke Energy Kentucky sells entire regulated operating units, the original cost and accumulated depreciation and amortization balances are removed from Property, Plant and Equipment on the Balance Sheets. Any gain or loss is recorded in earnings, unless otherwise required by the KPSC and/or the FERC. See Note 7 for further information.

Leases

Duke Energy Kentucky determines if an arrangement is a lease at contract inception based on whether the arrangement involves the use of a physically distinct identified asset and whether Duke Energy Kentucky has the right to obtain substantially all of the economic benefits from the use of the asset throughout the period as well as the right to direct use of the asset. As a policy election, Duke Energy Kentucky does not evaluate arrangements with initial contract terms of less than one year as leases.

Operating leases are included in Operating lease ROU assets, net, Other current liabilities and Operating lease liabilities on the Balance Sheets.

For lessee and lessor arrangements, Duke Energy Kentucky has elected a policy to not separate lease and non-lease components for all asset classes. For lessor arrangements, lease and non-lease components are only combined under one arrangement and accounted for under the lease accounting framework if the non-lease components are not the predominant component of the arrangement and the lease component would be classified as an operating lease.

Allowance for Funds Used During Construction and Interest Capitalized

For regulated operations, the debt and equity costs of financing the construction of property, plant and equipment are reflected as AFUDC and capitalized as a component of the cost of property, plant and equipment. AFUDC equity is reported on the Statements of Operations as non-cash income in Other Income and Expenses, net. AFUDC debt is reported as a non-cash offset to Interest Expense on the Statements of Operations. After construction is completed, Duke Energy Kentucky is permitted to recover these costs through their inclusion in rate base and the corresponding subsequent depreciation or amortization of those regulated assets.

AFUDC equity, a permanent difference for income taxes, reduces the effective tax rate when capitalized and increases the effective tax rate when depreciated or amortized. See Note 15 for additional information.

Asset Retirement Obligations

AROs are recognized for legal obligations associated with the retirement of property, plant and equipment. Substantially all AROs are related to regulated operations. When recording an ARO, the present value of the projected liability is recognized in the period in which it is incurred, if a reasonable estimate of fair value can be made. The liability is accreted over time. For operating plants, the present value of the liability is added to the cost of the associated asset and depreciated over the remaining life of the asset. For retired plants, the present value of the liability is recorded as a regulatory asset unless determined not to be probable of recovery.

The present value of the initial obligation and subsequent updates are based on discounted cash flows, which include estimates regarding timing of future cash flows, selection of discount rates and cost escalation rates, among other factors. These estimates are subject to change. Depreciation expense is adjusted prospectively for any changes to the carrying amount of the associated asset. Duke Energy Kentucky receives amounts to fund the cost of the ARO from regulated revenues. As a result, amounts recovered in regulated revenues, accretion expense and depreciation of the associated asset are netted and deferred as a regulatory asset or regulatory liability.

Obligations for closure of ash basins are based upon discounted cash flows of estimated costs for site-specific plans, if known, or probability weightings of the potential closure methods if the closure plans are under development and multiple closure options are being considered and evaluated on a site-by-site basis. See Note 6 for further information.

Accounts Payable

During 2020, Duke Energy established a supply chain finance program (the "program") with a global financial institution. Duke Energy Kentucky is a participant in this enterprise-wide program offered to suppliers. The program is voluntary and allows Duke Energy Kentucky suppliers, at their sole discretion, to sell their receivables from Duke Energy Kentucky to the financial institution at a rate that leverages Duke Energy Kentucky's credit rating and, which may result in favorable terms compared to the rate available to the supplier on their own credit rating. Suppliers participating in the program determine at their sole discretion which invoices they will sell to the financial institution. Suppliers' decisions on which invoices are sold do not impact Duke Energy Kentucky's payment terms, which are based on commercial terms negotiated between Duke Energy Kentucky and the supplier regardless of program participation. The commercial terms negotiated between Duke Energy Kentucky and its suppliers are consistent regardless of whether the supplier elects to participate in the program. Duke Energy Kentucky does not issue any guarantees with respect to the program and does not participate in negotiations between suppliers and the financial institution. Duke Energy Kentucky does not have an economic interest in the supplier's decision to participate in the program and receives no interest, fees or other benefit from the financial institution based on supplier participation in the program.

Suppliers invoices sold to the financial institution under the program totaled \$0 and \$1.8 million for the years ended December 31, 2021, and 2020, respectively, for Duke Energy Kentucky. All activity related to amounts due to suppliers who elected to participate in the program are included within Net cash provided by operating activities on the Statements of Cash Flows.

Revenue Recognition

Duke Energy Kentucky recognizes revenue as customers obtain control of promised goods and services in an amount that reflects consideration expected in exchange for those goods or services. Generally, the delivery of electricity and natural gas results in the transfer of control to customers at the time the commodity is delivered and the amount of revenue recognized is equal to the amount billed to each customer, including estimated volumes delivered when billings have not yet occurred. See Note 13 for further information.

Derivatives and Hedging

Derivative instruments may be used in connection with commodity price and interest rate activities, including swaps, futures, forwards and options. All derivative instruments, except those that qualify for the normal purchase/normal sale exception, are recorded on the Balance Sheets at fair value. For activity subject to regulatory accounting, gains and losses on derivative contracts are reflected as regulatory assets or regulatory liabilities and not as other comprehensive income or current period income. As a result, changes in fair value of these derivatives have no immediate earnings impact. See Note 10 for further information.

Unamortized Debt Premium, Discount and Expense

Premiums, discounts and expenses incurred with the issuance of outstanding long-term debt are amortized over the term of the debt issue. The gain or loss on extinguishment associated with refinancing higher-cost debt obligations in the regulated operations is amortized over the remaining life of the original instrument. Amortization expense is recorded as Interest Expense in the Statements of Operations and is reflected as Depreciation and amortization within Net cash provided by operating activities on the Statements of Cash Flows.

Premiums, discounts and expenses are presented as an adjustment to the carrying value of the debt amount and included in Long-Term Debt on the Balance Sheets presented.

Loss Contingencies and Environmental Liabilities

Contingent losses are recorded when it is probable a loss has occurred and can be reasonably estimated. When a range of the probable loss exists and no amount within the range is a better estimate than any other amount, the minimum amount in the range is recorded. Unless otherwise required by GAAP, legal fees are expensed as incurred.

Environmental liabilities are recorded on an undiscounted basis when environmental remediation or other liabilities become probable and can be reasonably estimated. Environmental expenditures related to past operations that do not generate current or future revenues are expensed. Environmental expenditures related to operations that generate current or future revenues are expensed or capitalized, as appropriate. Certain environmental expenditures receive regulatory accounting treatment and are recorded as regulatory assets. See Notes 2 and 3 for further information.

Pension and Other Post-Retirement Benefit Plans

Duke Energy maintains qualified, non-qualified and other post-retirement benefit plans. Eligible employees of Duke Energy Kentucky participate in the respective qualified, non-qualified and other post-retirement benefit plans and Duke Energy Kentucky is allocated its proportionate share of benefit costs. See Note 14 for further information, including significant accounting policies associated with these plans.

Income Taxes

Duke Energy and its subsidiaries file a consolidated federal income tax return and other state and foreign jurisdictional returns. Duke Energy Kentucky has a tax-sharing agreement with Duke Energy, and income taxes recorded represent amounts Duke Energy Kentucky would incur as a separate C-Corporation. Deferred income taxes have been provided for temporary differences between GAAP and tax bases of assets and liabilities because the differences create taxable or tax-deductible amounts for future periods. Investment tax credits associated with regulated operations are deferred and amortized as a reduction of income tax expense over the estimated useful lives of the related properties.

Accumulated deferred income tax is valued using the enacted tax rate expected to apply to taxable income in the periods in which the deferred tax asset or liability is expected to be settled or realized. In the event of a change in tax rates, deferred tax assets and liabilities are remeasured as of the enactment date of the new rate. To the extent that the change in the value of the deferred tax represents an obligation to customers, the impact of the remeasurement is deferred to a regulatory liability. Remaining impacts are recorded in income from continuing operations. If Duke Energy Kentucky's estimate of the tax effect of reversing temporary differences is not reflective of actual outcomes, is modified to reflect new developments or interpretations of the tax law, is revised to incorporate new accounting principles, or changes in the expected timing or manner of the reversal then Duke Energy Kentucky's results of operations could be impacted.

Tax-related interest and penalties are recorded in Interest Expense and Other Income and Expenses, net, in the Statements of Operations. See Note 15 for further information.

Dividend Restrictions

Duke Energy Kentucky is required to pay dividends solely out of retained earnings and to maintain a minimum of 35% equity in its capital structure.

New Accounting Standards

The following new accounting standard was adopted by Duke Energy Kentucky in 2021.

Leases with Variable Lease Payments. In July 2021, the Financial Accounting Standards Board (FASB) issued new accounting guidance requiring lessors to classify a lease with variable lease payments that do not depend on a reference index or rate as an operating lease if both of the following are met: (1) the lease would have to be classified as a sales-type or direct financing lease under prior guidance, and (2) the lessor would have recognized a day-one loss. Duke Energy Kentucky elected to adopt the guidance immediately upon issuance of the new standard and will be applying the new standard prospectively to new lease arrangements meeting the criteria. Duke Energy Kentucky did not have any lease arrangements that this new accounting guidance materially impacted.

The following new accounting standard has been issued but not yet adopted by Duke Energy Kentucky as of December 31, 2021.

Reference Rate Reform. In March 2020, the FASB issued new accounting guidance for reference rate reform. This guidance is elective and provides expedients to facilitate financial reporting for the anticipated transition away from the London Inter-bank Offered Rate (LIBOR) and other interbank reference rates starting in 2021 with all rates expected to be fully phased out in 2023. The optional expedients are effective for modification of existing contracts or new arrangements executed between March 12, 2020, through December 31, 2022.

Duke Energy Kentucky has variable-rate debt and manages interest rate risk by entering into financial contracts including interest rate swaps that are generally indexed to LIBOR. Impacted financial arrangements extending beyond the phase out of the applicable LIBOR rate may require contractual amendment or termination to fully adapt to a post-LIBOR environment. Duke Energy Kentucky is assessing these financial arrangements and is evaluating the use of optional expedients outlined in the new accounting guidance. Alternative index provisions are also being assessed and incorporated into new financial arrangements that extend beyond the phase out of the applicable LIBOR rate. The full outcome of the transition away from LIBOR cannot be determined at this time, but it is not expected to have a material impact on the financial statements.

2. REGULATORY MATTERS

REGULATORY ASSETS AND LIABILITIES

Duke Energy Kentucky records regulatory assets and liabilities that result from the ratemaking process. See Note 1 for further information.

FINANCIAL STATEMENTS **REGULATORY MATTERS**

The following table represents the regulatory assets and liabilities on the Balance Sheets.

| (in thousands) | December 31, | | Earns/Pays a Return | Recovery/ Refund Period Ends |
|--|--------------|------------|------------------------|------------------------------------|
| | 2021 | 2020 | | |
| Regulatory Assets^(a) | | | | |
| East Bend deferrals | \$ 36,428 | 40,199 | X | (c) |
| AROs – coal ash | 32,776 | 22,208 | X | (c)(g) |
| Accrued pension and other post-retirement benefits | 31,454 | 35,714 | | (b) |
| Deferred fuel and purchased gas costs | 19,588 | — | | (d)(g)2022 |
| East Bend outage normalization | 8,309 | 4,438 | | (c) |
| Demand side management/Energy efficiency costs | 4,685 | 1,300 | | (c)(d) |
| Hedge costs and other deferrals | 4,220 | 5,874 | | (e) |
| Advanced Metering Infrastructure | 3,498 | 3,867 | | 2033 |
| Deferred gas integrity costs | 2,214 | 2,468 | X | 2029 |
| Storm cost deferrals | 2,011 | 3,203 | | (c) |
| Carbon management research grant | 1,267 | 1,467 | | 2028 |
| Vacation accrual | 1,242 | 1,324 | | 2022 |
| Deferred debt expense | 394 | 517 | | 2036 |
| Other | 2,111 | 4,288 | | (c)(d) |
| Total regulatory assets | 150,197 | 126,867 | | |
| Less: current portion | 35,031 | 14,833 | | |
| Total noncurrent regulatory assets | \$ 115,166 | \$ 112,034 | | |
| Regulatory Liabilities^(a) | | | | |
| Net regulatory liability related to income taxes | \$ 118,253 | 124,395 | | (c) |
| Accrued pension and other post-retirement benefits | 6,169 | 6,041 | | (b) |
| Deferred fuel and purchased gas costs | 3,699 | 3,775 | | (d)2022 |
| Demand side management/Energy efficiency costs | 848 | 1,004 | | (c)(d) |
| Costs of removal | 747 | 7,439 | | (f) |
| Other | 155 | 3,309 | | (c)(e) |
| Total regulatory liabilities | 129,871 | 145,963 | | |
| Less: current portion | 9,241 | 11,389 | | |
| Total noncurrent regulatory liabilities | \$ 120,630 | \$ 134,574 | | |

- (a) Regulatory assets and liabilities are excluded from rate base unless otherwise noted.
- (b) Recovered primarily over the average remaining service periods or life expectancies of employees covered by the benefit plans. See Note 14 for further information.
- (c) The expected recovery or refund period varies or has not been determined.
- (d) Deferred costs are recovered through a rider mechanism.
- (e) Some amounts relate to unrealized gains and losses on derivatives recorded as a regulatory asset or liability, respectively, until the contracts are settled.
- (f) Represents funds received from customers to cover future removal of property, plant and equipment from retired or abandoned sites as property is retired. Included in rate base and recovered over the life of associated assets.
- (g) Certain amounts are recovered through rates.

RATE RELATED INFORMATION

The KPSC approves rates for retail electric and natural gas services within the Commonwealth of Kentucky. The FERC approves rates for electric sales to wholesale customers served under cost-based rates, as well as sales of transmission service.

FINANCIAL STATEMENTS

REGULATORY MATTERS

Duke Energy Kentucky Natural Gas Base Rate Case

On June 1, 2021, Duke Energy Kentucky filed an application with the KPSC requesting an increase in natural gas base rates of approximately \$15 million, an approximate 13% average increase across all customer classes. The drivers for this case are capital invested since Duke Energy Kentucky's last natural gas base rate case in 2018. Duke Energy Kentucky is also seeking implementation of a Governmental Mandate Adjustment mechanism (Rider GMA) in order to recover from or pay to customers the financial impact of governmental directives and mandates, including changes in federal or state tax rates and regulations issued by the Pipeline and Hazardous Materials Safety Administration (PHMSA). On October 8, 2021, Duke Energy Kentucky filed a Stipulation and Recommendation jointly with the Kentucky Attorney General, subject to review and approval by the KPSC, which if approved, would resolve the case. The Stipulation and Recommendation includes a \$9 million increase in base revenues, an ROE of 9.375% for natural gas base rates and 9.3% for natural gas riders, a rider for PHMSA-required capital investments with an annual 5% rate increase cap and a four-year natural gas base rate case stay-out. The evidentiary hearing was held on October 18, 2021. On December 28, 2021, the KPSC approved the Stipulation and Recommendation with minor modifications, authorizing a \$9 million increase. Rates were effective January 4, 2022.

Midwest Propane Cavern

Duke Energy Kentucky uses propane stored in a cavern to meet peak demand during winter. Duke Energy Ohio is installing a new natural gas pipeline (the Central Corridor Project) in its Ohio service territory to increase system reliability and enable the retirement of older infrastructure. Once the Central Corridor Project is commercially available in March 2022, the propane peaking facility will no longer be necessary and will be retired. On October 7, 2021, and November 4, 2021, Duke Energy Ohio and Duke Energy Kentucky, respectively, filed requests with the Public Utility Commission of Ohio and the KPSC to establish a regulatory asset for their share of expenses incurred related to the retirement of the propane storage cavern and associated propane-air facilities. On January 31, 2022, the KPSC issued an order denying Duke Energy Kentucky's request. As a result of the KPSC order, Duke Energy Kentucky recorded a \$0.9 million charge to Impairment of assets and other charges on Duke Energy Kentucky's Statement of Operations and Comprehensive Income in the fourth quarter of 2021. There is approximately \$2.6 million and \$2.5 million related to the propane caverns in Net property, plant and equipment on Duke Energy Kentucky's Balance Sheets as of December 31, 2021, and December 31, 2020, respectively.

Regional Transmission Organization Realignment

Duke Energy Kentucky transferred control of its transmission assets to effect a Regional Transmission Organization (RTO) realignment from Midcontinent Independent System Operator, Inc. (MISO) to PJM Interconnection, LLC (PJM), effective December 31, 2011.

On December 22, 2010, the KPSC approved Duke Energy Kentucky's request to effect the RTO realignment, subject to a commitment not to seek double-recovery in a future rate case of the transmission expansion fees that may be charged by MISO and PJM in the same period or overlapping periods. Duke Energy Kentucky is currently recovering PJM transmission expansion fees through current base rates.

Upon its exit from MISO on December 31, 2011, Duke Energy Kentucky recorded a liability and expense for its exit obligation and share of MISO Transmission Expansion Planning costs, excluding Multi Value Projects. This liability was recorded within Other in Current Liabilities and Other in Noncurrent Liabilities on the Balance Sheets.

The following table provides a reconciliation of the beginning and ending balance of recorded obligations related to the withdrawal from MISO.

| (in thousands) | December 31, 2020 | Provision / Adjustments | Cash Reductions | December 31, 2021 |
|---------------------------|-------------------|----------------------------|--------------------|-------------------|
| MISO withdrawal liability | \$ 13,532 | \$ 268 | \$ (823) | \$ 12,977 |

3. COMMITMENTS AND CONTINGENCIES

GENERAL INSURANCE

Duke Energy Kentucky has insurance and/or reinsurance coverage either directly or through indemnification from Duke Energy's captive insurance company, Bison Insurance Company Limited, and its affiliates, consistent with companies engaged in similar commercial operations with similar type properties. Duke Energy Kentucky's coverage includes (i) commercial general liability coverage for liabilities arising to third parties for bodily injury and property damage; (ii) workers' compensation; (iii) automobile liability coverage; and (iv) property coverage for all real and personal property damage. Real and personal property damage coverage excludes electric transmission and distribution lines, but includes damages arising from boiler and machinery breakdowns, earthquakes, flood damage and extra expense, but not outage or replacement power coverage. All coverage is subject to certain deductibles or retentions, sublimits, exclusions, terms and conditions common for companies with similar types of operations. Duke Energy Kentucky self-insures its electric transmission and distribution lines against loss due to storm damage and other natural disasters.

The cost of Duke Energy Kentucky's coverage can fluctuate year to year reflecting claims history and conditions of the insurance and reinsurance markets.

In the event of a loss, terms and amounts of insurance and reinsurance available might not be adequate to cover claims and other expenses incurred. Uninsured losses and other expenses, to the extent not recovered by other sources, could have a material effect on Duke Energy Kentucky's results of operations, cash flows or financial position. Duke Energy Kentucky is responsible to the extent losses may be excluded or exceed limits of the coverage available.

ENVIRONMENTAL

Duke Energy Kentucky is subject to federal, state and local regulations regarding air and water quality, hazardous and solid waste disposal, coal ash and other environmental matters. These regulations can be changed from time to time, imposing new obligations on Duke Energy Kentucky.

FINANCIAL STATEMENTS

COMMITMENTS AND CONTINGENCIES

Remediation Activities

In addition to the AROs discussed in Note 6, Duke Energy Kentucky is responsible for environmental remediation at various sites. These include certain properties that are part of ongoing operations and sites formerly owned or used by Duke Energy Kentucky. These sites are in various stages of investigation, remediation and monitoring. Managed in conjunction with relevant federal, state and local agencies, remediation activities vary based upon site condition and location, remediation requirements, complexity and sharing of responsibility. If remediation activities involve joint and several liability provisions, strict liability, or cost recovery or contribution actions, Duke Energy Kentucky could potentially be held responsible for environmental impacts caused by other potentially responsible parties, and may also benefit from insurance policies or contractual indemnities that cover some or all cleanup costs. Liabilities are recorded when losses become probable and are reasonably estimable. The total costs that may be incurred cannot be estimated because the extent of environmental impact, allocation among potentially responsible parties, remediation alternatives and/or regulatory decisions have not yet been determined. Additional costs associated with remediation activities are likely to be incurred in the future and could be significant. Costs are typically expensed as Operation, maintenance and other on the Statements of Operations unless regulatory recovery of the costs is deemed probable.

Duke Energy Kentucky has accrued approximately \$668 thousand of probable and estimable costs related to its various environmental sites in Other within Other Noncurrent Liabilities on the Balance Sheets as of December 31, 2021, and 2020. Additional losses in excess of recorded reserves are expected to be immaterial for the stages of investigation, remediation and monitoring for the environmental sites that have been evaluated. The maximum amount of the range for all stages of Duke Energy Kentucky's environmental sites cannot be determined at this time.

LITIGATION

Duke Energy Kentucky is involved in other legal, tax and regulatory proceedings arising in the ordinary course of business, some of which involve significant amounts. Duke Energy Kentucky believes the final disposition of these proceedings will not have a material effect on its results of operations, cash flows or financial position. Duke Energy Kentucky expenses legal costs related to the defense of loss contingencies as incurred.

OTHER COMMITMENTS AND CONTINGENCIES

General

As part of its normal business, Duke Energy Kentucky is party to various financial guarantees, performance guarantees and other contractual commitments to extend guarantees of credit and other assistance to various third parties. These guarantees involve elements of performance and credit risk, which are not included on the Balance Sheets. The possibility of Duke Energy Kentucky having to honor its contingencies is largely dependent upon future operations of various third parties or the occurrence of certain future events.

Purchase Obligations

Pipeline and Storage Capacity Contracts

Duke Energy Kentucky enters into pipeline and storage capacity contracts that commit future cash flows to acquire services needed in its business. Costs arising from capacity commitments are recovered via the Gas Cost Adjustment Clause in Kentucky. The time period for fixed payments under these pipeline and storage capacity contracts is up to five years.

Certain storage and pipeline capacity contracts require the payment of demand charges that are based on rates approved by the FERC in order to maintain rights to access the natural gas storage or pipeline capacity on a firm basis during the contract term. The demand charges that are incurred in each period are recognized in the Statements of Operations as part of natural gas purchases and are included in Cost of natural gas.

The following table presents future unconditional purchase obligations under these contracts.

| (in thousands) | December 31, 2021 |
|----------------|-------------------|
| 2022 | \$ 9,314 |
| 2023 | 8,347 |
| 2024 | 8,185 |
| 2025 | 2,566 |
| 2026 | 394 |
| Thereafter | — |
| Total | \$ 28,806 |

4. LEASES

As part of its operations, Duke Energy Kentucky leases space on communication towers, meters and office space under various terms and expiration dates. Certain Duke Energy Kentucky lease agreements include options for renewal and early termination. The intent to renew a lease varies depending on the lease type and asset. Renewal options that are reasonably certain to be exercised are included in the lease measurements. The decision to terminate a lease early is dependent on various economic factors. No termination options have been included in any of the lease measurements.

Duke Energy Kentucky has certain lease agreements, which include variable lease payments that are based on the usage of an asset. These variable lease payments are not included in the measurement of the ROU assets or operating lease liabilities on the Balance Sheets.

FINANCIAL STATEMENTS | **LEASES**

The following table presents the components of lease expense and are included in Operations, maintenance and other on the Statements of Operations.

| (in thousands) | Years Ended December 31, | |
|--------------------------|--------------------------|----------|
| | 2021 | 2020 |
| Operating lease expense | \$ 1,801 | \$ 1,846 |
| Short-term lease expense | 1 | — |
| Variable lease expense | 51 | 66 |
| Total lease expense | \$ 1,853 | \$ 1,912 |

The following table presents operating lease maturities and a reconciliation of the undiscounted cash flows to operating lease liabilities.

| (in thousands) | December 31, 2021 |
|--|-------------------|
| 2022 | \$ 688 |
| 2023 | 700 |
| 2024 | 712 |
| 2025 | 725 |
| 2026 | 739 |
| Thereafter | 8,627 |
| Total operating lease payments | 12,191 |
| Less: present value discount | (3,495) |
| Total operating lease liabilities ^(a) | \$ 8,696 |

(a) Certain operating lease payments include renewal options that are reasonably certain to be exercised.

The following tables contain additional information related to leases.

| (in thousands) | Classification | December 31, | |
|-------------------------|---------------------------------|--------------|----------|
| | | 2021 | 2020 |
| Assets | | | |
| Operating | Operating lease ROU assets, net | \$ 8,407 | \$ 8,786 |
| Total lease assets | | \$ 8,407 | \$ 8,786 |
| Liabilities | | | |
| Current | | | |
| Operating | Other current liabilities | \$ 318 | \$ 293 |
| Noncurrent | | | |
| Operating | Operating lease liabilities | 8,379 | 8,696 |
| Total lease liabilities | | \$ 8,697 | \$ 8,989 |

| (in thousands) | Years ended December 31, | |
|---|--------------------------|--------|
| | 2021 | 2020 |
| Cash paid for amounts included in the measurement of lease liabilities^(a) | | |
| Operating cash flows from operating leases | \$ 676 | \$ 665 |

(a) No amounts were classified as investing cash flows from operating leases for the years ended December 31, 2021, and 2020.

| | December 31, | |
|--|--------------|-------|
| | 2021 | 2020 |
| Weighted-average remaining lease term (years) | | |
| Operating leases | 16 | 17 |
| Weighted-average discount rate^(a) | | |
| Operating leases | 4.4 % | 4.4 % |

(a) The discount rate is calculated using the rate implicit in a lease if it is readily determinable. Generally, the rate used by the lessor is not provided to Duke Energy Kentucky and in these cases the incremental borrowing rate is used. Duke Energy Kentucky will typically use its fully collateralized incremental borrowing rate as of the commencement date to calculate and record the lease. The incremental borrowing rate is influenced by the lessee's credit rating and lease term and as such may differ for individual leases, embedded leases or portfolios of leased assets.

FINANCIAL STATEMENTS

DEBT AND CREDIT FACILITIES

5. DEBT AND CREDIT FACILITIES

SUMMARY OF DEBT AND RELATED TERMS

The following table summarizes outstanding debt.

| (in thousands) | Weighted Average Interest Rate | Year Due | December 31, | |
|--|--------------------------------|-------------|-------------------|-------------------|
| | | | 2021 | 2020 |
| Unsecured debt | 3.77 % | 2023 - 2057 | \$ 680,000 | \$ 630,000 |
| Tax-exempt bonds ^{(a)(b)} | 0.12 % | 2027 | 26,720 | 76,720 |
| Money pool borrowings ^{(b)(c)} | 0.36 % | 2026 | 127,596 | 100,472 |
| Unamortized debt discount and premium, net | | | (174) | (186) |
| Unamortized debt issuance costs | | | (2,325) | (2,738) |
| Total debt | 3.13 % | | \$ 831,817 | \$ 804,268 |
| Short-term money pool borrowings | | | (102,596) | (75,472) |
| Current maturities of long-term debt | | | — | (50,000) |
| Total long-term debt | | | \$ 729,221 | \$ 678,796 |

- (a) Includes \$27 million that is secured by a bilateral letter of credit agreement at December 31, 2021, and 2020.
- (b) Floating-rate debt. At December 31, 2020, the weighted average interest rate was 0.75% and 0.41% for tax-exempt bonds and money pool borrowings, respectively.
- (c) Includes \$25 million classified as Long-Term Debt Payable to Affiliated Companies on the Balance Sheets at December 31, 2021, and 2020.

MATURITIES AND CALL OPTIONS

The following table shows the annual maturities of long-term debt for the next five years and thereafter. Amounts presented exclude short-term notes payable.

| (in thousands) | December 31, 2021 |
|---|-------------------|
| 2022 | \$ — |
| 2023 | 75,000 |
| 2024 | — |
| 2025 | 95,000 |
| 2026 | 70,000 |
| Thereafter | 491,720 |
| Total long-term debt, including current maturities | \$ 731,720 |

Duke Energy Kentucky has the ability under certain debt facilities to call and repay the obligation prior to its scheduled maturity. Therefore, the actual timing of future cash repayments could be materially different than as presented above.

SHORT-TERM OBLIGATIONS CLASSIFIED AS LONG-TERM DEBT

Certain tax-exempt bonds that may be put to Duke Energy Kentucky at the option of the holder and money pool borrowings, which are short-term obligations by nature, are classified as long-term due to Duke Energy Kentucky's intent and ability to utilize such borrowings as long-term financing. As Duke Energy's Master Credit Facility and Duke Energy Kentucky's other bilateral letter of credit agreements have non-cancelable terms in excess of one year as of the balance sheet date, Duke Energy Kentucky has the ability to refinance these short-term obligations on a long-term basis. See "Available Credit Facilities" below for additional information.

At December 31, 2021, and 2020, \$27 million of tax-exempt bonds and \$25 million of money pool borrowings were classified as Long-Term Debt and Long-Term Debt Payable to Affiliated Companies, respectively, on the Balance Sheets.

SUMMARY OF SIGNIFICANT DEBT ISSUANCES

In 2020, Duke Energy Kentucky issued \$70 million of unsecured debt, of which \$35 million carry a fixed interest rate of 2.65% and mature September 2030, and \$35 million carry a fixed interest rate of 3.66% and mature September 2050. The proceeds were used to pay down short-term debt and for general corporate purposes.

AVAILABLE CREDIT FACILITIES

Master Credit Facility

In March 2021, Duke Energy amended its existing \$8 billion Master Credit Facility to extend the termination date to March 2026. Duke Energy Kentucky has borrowing capacity under the Master Credit Facility up to a specified sublimit. Duke Energy has the unilateral ability at any time to increase or decrease Duke Energy Kentucky's borrowing sublimit, subject to a maximum sublimit. The amount available to Duke Energy Kentucky under the Master Credit Facility may be reduced to backstop issuances of commercial paper, certain letters of credit and variable-rate demand tax-exempt bonds that may be put to Duke Energy Kentucky at the option of the holder. At December 31, 2021, Duke Energy Kentucky had a borrowing sublimit of \$175 million and available capacity of \$56 million under the Master Credit Facility.

Duke Energy Kentucky and Duke Energy Indiana, LLC, a subsidiary of Duke Energy, collectively have a \$156 million bilateral letter of credit agreement. In February 2018, the bilateral letter of credit agreement was amended to extend the termination date from February 2019 to February 2023. Duke Energy Kentucky may request the issuance of letters of credit up to \$27 million on its behalf to support various series of tax-exempt bonds. This credit facility may not be used for any purpose other than to support the tax-exempt bonds.

Term Loan Facility

In October 2021, Duke Energy Kentucky entered into a two-year term loan facility with commitments totaling \$50 million. Borrowings under the facility will be used to pay down short-term debt and for general corporate purposes. The term loan was fully drawn at the time of closing in October. The balance is classified as Long-Term Debt on Duke Energy Kentucky's Balance Sheet.

OTHER DEBT MATTERS

Money Pool

Duke Energy Kentucky receives support for its short-term borrowing needs through participation with Duke Energy and certain of its subsidiaries in a money pool arrangement. Under this arrangement, those companies with short-term funds may provide short-term loans to affiliates participating under this arrangement. The money pool is structured such that Duke Energy Kentucky separately manages its cash needs and working capital requirements. Accordingly, there is no net settlement of receivables and payables between money pool participants. Duke Energy may loan funds to its participating subsidiaries, but may not borrow funds through the money pool.

Money pool receivable balances are reflected within Notes receivable from affiliated companies on the Balance Sheets. Money pool payable balances are reflected within either Notes payable to affiliated companies or Long-Term Debt Payable to Affiliated Companies on the Balance Sheets.

Restrictive Debt Covenants

Duke Energy Kentucky's debt and credit agreements contain various financial and other covenants. Duke Energy's Master Credit Facility contains a covenant requiring the debt-to-total capitalization ratio not to exceed 65% for each borrower. Failure to meet those covenants beyond applicable grace periods could result in accelerated due dates and/or termination of the agreements. As of December 31, 2021, Duke Energy Kentucky was in compliance with all covenants related to its debt agreements. In addition, some credit agreements may allow for acceleration of payments or termination of the agreements due to nonpayment, or acceleration of other significant indebtedness of the borrower or some of its subsidiaries. None of the debt or credit agreements contain material adverse change clauses.

FINANCIAL STATEMENTS

ASSET RETIREMENT OBLIGATIONS

6. ASSET RETIREMENT OBLIGATIONS

Duke Energy Kentucky records an ARO when it has a legal obligation to incur retirement costs associated with the retirement of a long-lived asset and the obligation can be reasonably estimated. Certain assets have an indeterminate life, and thus the fair value of the retirement obligation is not reasonably estimable. A liability for these AROs will be recorded when a fair value is determinable.

Duke Energy Kentucky's regulated electric and regulated natural gas operations accrue costs of removal for property that does not have an associated legal retirement obligation based on regulatory orders from the KPSC. These costs of removal are recorded as a regulatory liability in accordance with regulatory accounting treatment. See Note 2 for the estimated cost of removal for assets without an associated legal retirement obligation, which are included in Regulatory liabilities on the Balance Sheets as of December 31, 2021, and 2020.

Duke Energy Kentucky is subject to state and federal regulations covering the closure of coal ash impoundments, including the EPA Coal Combustion Residuals (CCR) Rule. AROs recorded on the Balance Sheets include the legal obligation for the disposal of CCR, which is based upon estimated closure costs for impacted ash impoundments. The amount recorded represents the discounted cash flows for estimated closure costs based upon specific closure plans. Actual costs to be incurred will be dependent upon factors that vary from site to site. The most significant factors are the method and time frame of closure at the individual sites. Closure methods considered include removing the water from ash basins, consolidating material as necessary and capping the ash with a synthetic barrier, excavating and relocating the ash to a lined structural fill or lined landfill or recycling the ash for concrete or some other beneficial use. The ultimate method and timetable for closure will be in compliance with standards set by federal and state regulations and other agreements. The ARO amount will be adjusted as additional information is gained through the closure and post-closure process, including acceptance and approval of compliance approaches, which may change management assumptions, and may result in a material change to the balance. Asset retirement costs associated with coal ash AROs at the East Bend Station are included within Property, Plant and Equipment on the Balance Sheets.

In addition to the coal ash AROs, Duke Energy Kentucky also has legal obligations related to the retirement of gas mains and asbestos remediation.

The following table presents the changes in the liability associated with AROs.

| (in thousands) | Years Ended December 31, | |
|---|--------------------------|-----------|
| | 2021 | 2020 |
| Balance at beginning of period | \$ 76,112 | \$ 49,780 |
| Accretion expense ^(a) | 2,518 | 1,898 |
| Liabilities settled | (2,761) | (1,949) |
| Revisions to estimates of cash flows ^(b) | 17,413 | 26,383 |
| Balance at end of period | \$ 93,282 | \$ 76,112 |

(a) All accretion expense for the years ended December 31, 2021, and 2020, relates to Duke Energy Kentucky's regulated operations and has been deferred in accordance with regulatory accounting treatment.

(b) Amounts primarily relate to changes in maintenance and landfill closure cost estimates for ash impoundments.

7. PROPERTY, PLANT AND EQUIPMENT

The following table summarizes property, plant and equipment.

| (in thousands) | Average Remaining Useful Life (Years) | December 31, | |
|--|---------------------------------------|--------------|--------------|
| | | 2021 | 2020 |
| Land | | \$ 41,365 | \$ 36,925 |
| Plant | | | |
| Electric generation, distribution and transmission | 47 | 2,073,113 | 2,015,291 |
| Natural gas transmission and distribution | 49 | 757,878 | 701,175 |
| Other buildings and improvements | 61 | 14,197 | 13,018 |
| Equipment | 13 | 36,869 | 38,269 |
| Construction in process | | 97,535 | 71,664 |
| Other | 13 | 60,455 | 68,031 |
| Total property, plant and equipment | | 3,081,412 | 2,944,373 |
| Accumulated depreciation and amortization | | (1,063,561) | (1,030,627) |
| Facilities to be retired, net | | 1,769 | — |
| Net property, plant and equipment ^(a) | | \$ 2,019,620 | \$ 1,913,746 |

(a) The debt component of AFUDC totaled \$450 thousand and \$0 at December 31, 2021, and 2020, respectively.

FINANCIAL STATEMENTS

OTHER INCOME AND EXPENSES, NET

8. OTHER INCOME AND EXPENSES, NET

The components of Other Income and Expenses, net on the Statements of Operations are as follows.

| (in thousands) | Years Ended December 31, | |
|---------------------------------------|--------------------------|-----------------|
| | 2021 | 2020 |
| Income/(Expense): | | |
| Interest income | \$ 982 | \$ 965 |
| AFUDC equity | 1,260 | (124) |
| Other | 2,612 | 1,951 |
| Other Income and Expenses, net | \$ 4,854 | \$ 2,792 |

9. RELATED PARTY TRANSACTIONS

Duke Energy Kentucky engages in related party transactions, which are generally performed at cost and in accordance with KPSC and FERC regulations. Refer to the Balance Sheets for balances due to or from related parties. Material amounts related to transactions with related parties included in the Statements of Operations are presented in the following table.

| (in thousands) | Years Ended December 31, | |
|---|--------------------------|-----------|
| | 2021 | 2020 |
| Corporate governance and shared service expenses ^(a) | \$ 83,976 | \$ 86,038 |

- (a) Duke Energy Kentucky is charged its proportionate share of costs, primarily related to human resources, employee benefits, information technology, legal and accounting fees, as well as other third-party costs, from a consolidated affiliate of Duke Energy. These amounts are recorded in Operation, maintenance and other within Operating Expenses on the Statements of Operations.

In addition to the amounts presented above, Duke Energy Kentucky has other affiliate transactions, including certain indemnification coverages through Duke Energy's wholly owned captive insurance subsidiary, rental of office space, participation in a money pool arrangement with Duke Energy and certain of its subsidiaries, other operational transactions and its proportionate share of certain charged expenses. See Note 5 for more information regarding the money pool.

Certain trade receivables have been sold by Duke Energy Kentucky to CRC, an unconsolidated entity formed by a subsidiary of Duke Energy. The proceeds obtained from the sales of receivables are largely cash but do include a subordinated note from CRC for a portion of the purchase price. See Note 12 for further information related to the sales of these receivables.

Intercompany Income Taxes

Duke Energy and its subsidiaries file a consolidated federal income tax return and other state and jurisdictional returns. Duke Energy Kentucky has a tax sharing agreement with Duke Energy for the allocation of consolidated tax liabilities and benefits. Income taxes recorded represent amounts Duke Energy Kentucky would incur as a separate C-Corporation. Duke Energy Kentucky had an intercompany tax receivable balance of \$9 million at December 31, 2021, and an intercompany tax payable balance of \$2 million at December 31, 2020.

10. DERIVATIVES AND HEDGING

COMMODITY PRICE RISK

Duke Energy Kentucky has limited exposure to market price changes of fuel and emission allowance costs incurred for its retail customers due to the use of cost tracking and recovery mechanisms. Duke Energy Kentucky does have exposure to the impact of market fluctuations in the prices of electricity, fuel and emission allowances associated with its generation output not utilized to serve retail operations or committed load (off-system, wholesale power sales). Duke Energy Kentucky's outstanding commodity derivatives, FTRs, had a notional volume of 1,681 gigawatt-hours and 2,559 gigawatt-hours at December 31, 2021, and 2020, respectively.

See Note 11 for additional information on the fair value of commodity derivatives.

INTEREST RATE RISK

Duke Energy Kentucky is exposed to changes in interest rates as a result of its issuance or anticipated issuance of variable-rate and fixed-rate debt. Interest rate risk is managed by limiting variable-rate exposure to a percentage of total debt and by monitoring changes in interest rates. To manage risk associated with changes in interest rates, Duke Energy Kentucky may enter into financial contracts including interest rate swaps and U.S. Treasury lock agreements. The notional amount of interest rate swaps outstanding was \$26.7 million at December 31, 2021, and 2020. Financial contracts entered into by Duke Energy Kentucky are not designated as a hedge because they are accounted for under regulatory accounting. With regulatory accounting, the mark-to-market gains or losses are deferred as regulatory liabilities or assets, respectively. Regulatory assets and regulatory liabilities are amortized consistent with the treatment of related costs in the ratemaking process. The accrual of interest on swaps is recorded as Interest Expense on the Statements of Operations.

See Note 11 for additional information on the fair value of interest rate derivatives.

FINANCIAL STATEMENTS

DERIVATIVES AND HEDGING

CREDIT RISK

Duke Energy Kentucky analyzes the financial condition of counterparties prior to entering into agreements and establishes credit limits and monitors the appropriateness of those limits on an ongoing basis. Credit limits and collateral requirements for retail electric customers are established by the KPSC.

Duke Energy Kentucky's industry has historically operated under negotiated credit lines for physical delivery contracts. Duke Energy Kentucky may use master collateral agreements to mitigate certain credit exposures. The collateral agreements require certain counterparties to post cash or letters of credit for the amount of exposure in excess of an established threshold. The threshold amount represents an unsecured credit limit determined in accordance with the corporate credit policy. Collateral agreements also provide that the inability to post collateral is sufficient cause to terminate contracts and liquidate all positions.

Duke Energy Kentucky also obtains cash or letters of credit from customers to provide credit support outside of collateral agreements, where appropriate, based on its financial analysis of the customer and the regulatory or contractual terms and conditions applicable to each transaction.

11. FAIR VALUE MEASUREMENTS

Fair value is the exchange price to sell an asset or transfer a liability in an orderly transaction between market participants at the measurement date. The fair value definition focuses on an exit price versus the acquisition cost. Fair value measurements use market data or assumptions market participants would use in pricing the asset or liability, including assumptions about risk and the risks inherent in the inputs to the valuation technique. These inputs may be readily observable, corroborated by market data or generally unobservable. Valuation techniques maximize the use of observable inputs and minimize use of unobservable inputs. A midmarket pricing convention (the midpoint price between bid and ask prices) is permitted for use as a practical expedient. Fair value measurements are classified in three levels based on the fair value hierarchy as defined by GAAP.

Fair value accounting guidance permits entities to elect to measure certain financial instruments that are not required to be accounted for at fair value, such as equity method investments or the company's own debt, at fair value. Duke Energy Kentucky has not elected to record any of these items at fair value.

Commodity derivatives

If forward price curves are not observable for the full term of the contract and the unobservable period had more than an insignificant impact on the valuation, the commodity derivative is classified as Level 3. The valuation technique and unobservable input for an FTR is regional transmission organization auction pricing and FTR price - per megawatt-hour, respectively.

Interest rate derivatives

All over-the-counter interest rate contract derivatives are valued using financial models that utilize observable inputs for similar instruments and are classified as Level 2. Inputs include forward interest rate curves, notional amounts, interest rates and credit quality of the counterparties.

QUANTITATIVE DISCLOSURES

The following tables provide recorded balances for assets and liabilities measured at fair value on a recurring basis on the Balance Sheets. Derivative amounts in the table below exclude cash collateral.

| (in thousands) | December 31, 2021 | | |
|---------------------------------------|-------------------|------------|----------|
| | Total Fair | | |
| | Value | Level 2 | Level 3 |
| Derivative assets ^(a) | \$ 1,636 | \$ — | \$ 1,636 |
| Derivative liabilities ^(b) | (4,645) | (4,645) | — |
| Net (liabilities) assets | \$ (3,009) | \$ (4,645) | \$ 1,636 |

| (in thousands) | December 31, 2020 | | |
|---------------------------------------|-------------------|------------|----------|
| | Total Fair | | |
| | Value | Level 2 | Level 3 |
| Derivative assets ^(a) | \$ 1,380 | \$ — | \$ 1,380 |
| Derivative liabilities ^(b) | (6,299) | (6,299) | — |
| Net (liabilities) assets | \$ (4,919) | \$ (6,299) | \$ 1,380 |

(a) Included in Other within Current Assets and Other within Other Noncurrent Assets on the Balance Sheets. The amounts classified as Level 3 relate to FTRs.

(b) Included in Other within Current Liabilities and Other within Other Noncurrent Liabilities on the Balance Sheets. The amounts classified as Level 2 relate to interest rate swaps.

FINANCIAL STATEMENTS

FAIR VALUE MEASUREMENTS

The following table provides a reconciliation of beginning and ending balances of assets and liabilities measured at fair value on a recurring basis where the determination of fair value includes significant unobservable inputs (Level 3).

| (in thousands) | Derivatives (net) | |
|--|--------------------------|----------|
| | Years Ended December 31, | |
| | 2021 | 2020 |
| Balance at beginning of period | \$ 1,380 | \$ 3,507 |
| Purchases, sales, issuances and settlements: | | |
| Purchases | 3,332 | 3,601 |
| Settlements | (3,419) | (5,750) |
| Total gains included on the Balance Sheets as regulatory assets or liabilities | 343 | 22 |
| Balance at end of period | \$ 1,636 | \$ 1,380 |

OTHER FAIR VALUE DISCLOSURES

The fair value of long-term debt, including current maturities, is summarized in the following table. Judgment is required in interpreting market data to develop the estimates of fair value. Accordingly, the estimates determined are not necessarily indicative of the amounts Duke Energy Kentucky could have settled in current markets. The fair value of long-term debt is determined using Level 2 measurements.

| (in thousands) | December 31, 2021 | | December 31, 2020 | |
|--|-------------------|------------|-------------------|------------|
| | Book value | Fair value | Book value | Fair value |
| Long-Term debt, including current maturities | \$ 729,221 | \$ 793,431 | \$ 728,796 | \$ 810,738 |

At December 31, 2021, and 2020, the fair value of cash and cash equivalents, accounts and notes receivable, and accounts and notes payable are not materially different from their carrying amounts because of the short-term nature of these instruments and/or because the stated rates approximate market rates.

12. VARIABLE INTEREST ENTITIES

A variable interest entity (VIE) is an entity that is evaluated for consolidation using more than a simple analysis of voting control. The analysis to determine whether an entity is a VIE considers contracts with an entity, credit support for an entity, the adequacy of the equity investment of an entity and the relationship of voting power to the amount of equity invested in an entity. This analysis is performed either upon the creation of a legal entity or upon the occurrence of an event requiring reevaluation, such as a significant change in an entity's assets or activities. A qualitative analysis of control determines the party that consolidates a VIE. This assessment is based on (i) what party has the power to direct the activities of the VIE that most significantly impact its economic performance and (ii) what party has rights to receive benefits or is obligated to absorb losses that could potentially be significant to the VIE. The analysis of the party that consolidates a VIE is a continual reassessment.

Cinergy Receivables Company

CRC is a bankruptcy remote, special purpose entity that is an affiliate of Duke Energy Kentucky. As discussed below, Duke Energy Kentucky does not consolidate CRC as it is not the primary beneficiary. On a revolving basis, CRC buys certain accounts receivable arising from the sale of electricity, natural gas and related services from Duke Energy Kentucky. CRC borrows amounts under a credit facility to buy the receivables from Duke Energy Kentucky. Borrowing availability from the credit facility is limited to the amount of qualified receivables sold to CRC which generally exclude receivables past due more than a predetermined number of days and reserves for expected past due balances. The sole source of funds to satisfy the related debt obligation is cash collections from the receivables. Amounts borrowed under the credit facility are reflected on the Balance Sheets as Long-Term Debt.

The proceeds Duke Energy Kentucky receives from the sale of receivables to CRC are approximately 75% cash and 25% in the form of a subordinated note from CRC. The subordinated note is a retained interest in the receivables sold. Duke Energy Kentucky had receivables of \$22.4 million and \$21.0 million from CRC at December 31, 2021, and 2020, respectively. These balances are included in Receivables from affiliated companies on the Balance Sheets and reflect Duke Energy Kentucky's retained interest in receivables sold to CRC.

CRC is considered a VIE because (i) equity capitalization is insufficient to support its operations, (ii) power to direct the activities that most significantly impact the economic performance of the entity is not held by the equity holder and (iii) deficiencies in net worth of CRC are funded by Duke Energy. The most significant activities that impact the economic performance of CRC are decisions made to manage delinquent receivables. Duke Energy is considered the primary beneficiary and consolidates CRC as it makes these decisions. Duke Energy Kentucky does not consolidate CRC.

The subordinated note held by Duke Energy Kentucky is stated at fair value. Carrying values of retained interests are determined by allocating carrying value of the receivables between assets sold and interests retained based on relative fair value. The allocated basis of the subordinated note is not materially different than the face value because (i) the receivables generally turnover in less than two months, (ii) credit losses are reasonably predictable due to the broad customer base and lack of significant concentration and (iii) the equity in CRC is subordinate to all retained interests and thus would absorb losses first. The hypothetical effect on fair value of the retained interests assuming both a 10% and a 20% unfavorable variation in credit losses or discount rates is not material due to the short turnover of receivables and historically low credit loss history. Interest accrues to Duke Energy Kentucky on the retained interests using the acceptable yield method. This method generally approximates the stated rate on the note since the allocated basis and the face value are nearly equivalent. An impairment charge is recorded against the carrying value of both retained interests and purchased beneficial interest whenever it is determined that an other-than-temporary impairment has occurred. Duke Energy Kentucky's maximum exposure to loss does not exceed the carrying value.

FINANCIAL STATEMENTS **VARIABLE INTEREST ENTITIES**

Key assumptions used in estimating fair value are detailed in the following table.

| | 2021 | 2020 |
|-------------------------------|--------|--------|
| Anticipated credit loss ratio | 0.4 % | 0.4 % |
| Discount rate | 1.1 % | 1.6 % |
| Receivables turnover rate | 11.4 % | 11.3 % |

The following table presents gross and net receivables sold.

| (in thousands) | December 31, | |
|--------------------------|--------------|-----------|
| | 2021 | 2020 |
| Receivables sold | \$ 76,127 | \$ 66,298 |
| Less: Retained interests | 22,397 | 21,031 |
| Net receivables sold | \$ 53,730 | \$ 45,267 |

The following table shows sales and cash flows related to receivables sold.

| (in thousands) | Years Ended December 31, | |
|---------------------------------------|--------------------------|------------|
| | 2021 | 2020 |
| Sales | | |
| Receivables sold | \$ 516,369 | \$ 456,902 |
| Loss recognized on sale | 1,657 | 1,427 |
| Cash flows | | |
| Cash proceeds from receivables sold | \$ 513,346 | \$ 450,487 |
| Collection fees received | 258 | 228 |
| Return received on retained interests | 976 | 937 |

Cash flows from sales of receivables are reflected within Cash Flows from Operating Activities and Cash Flows from Investing Activities on the Statements of Cash Flows.

Collection fees received in connection with the servicing of transferred accounts receivable are included in Operation, maintenance and other on the Statements of Operations. The loss recognized on sales of receivables is calculated monthly by multiplying receivables sold during the month by the required discount. The required discount is derived monthly utilizing a three-year weighted average formula that considers charge-off history, late charge history and turnover history on the sold receivables, as well as a component for the time value of money. The discount rate, or component for the time value of money, is the prior month-end London Interbank Offered Rate plus a fixed rate of 1.00%.

13. REVENUE

Duke Energy Kentucky recognizes revenue consistent with amounts billed under tariff offerings or at contractually agreed upon rates based on actual physical delivery of electric or natural gas service, including estimated volumes delivered when billings have not yet occurred. As such, the majority of Duke Energy Kentucky's revenues have fixed pricing based on the contractual terms of the published tariffs, with variability in expected cash flows attributable to the customer's volumetric demand and ultimate quantities of energy or natural gas supplied and used during the billing period. The stand-alone selling price of related sales are designed to support recovery of prudently incurred costs and an appropriate return on invested assets and are primarily governed by published tariff rates or contractual agreements approved by relevant regulatory bodies. Certain excise taxes and franchise fees levied by state or local governments are required to be paid even if not collected from the customer. These taxes are recognized on a gross basis as part of revenues. Duke Energy Kentucky elects to account for all other taxes net of revenues.

Performance obligations are satisfied over time as energy or natural gas is delivered and consumed with billings generally occurring monthly and related payments due within 30 days, depending on regulatory requirements. In no event does the timing between payment and delivery of the goods and services exceed one year. Using this output method for revenue recognition provides a faithful depiction of the transfer of electric and natural gas service as customers obtain control of the commodity and benefit from its use at delivery. Additionally, Duke Energy Kentucky has an enforceable right to consideration for energy or natural gas delivered at any discrete point in time and will recognize revenue at an amount that reflects the consideration to which Duke Energy Kentucky is entitled for the energy or natural gas delivered.

As described above, the majority of Duke Energy Kentucky's tariff revenues are at-will and, as such, related contracts with customers have an expected duration of one year or less and will not have future performance obligations for disclosure.

Duke Energy Kentucky earns substantially all of its revenues through the sale of electricity and natural gas.

Electricity Sales

Electric sales revenues are earned primarily through retail and wholesale electric service through the generation, transmission, distribution and sale of electricity. Duke Energy Kentucky generally provides retail electric service customers with their full electric load requirements and sells wholesale block sales of electricity into the market.

Retail electric service is generally marketed throughout Duke Energy Kentucky's electric service territory through standard service offers. The standard service offers are through tariffs determined by the KPSC. Each tariff, which is assigned to customers based on customer class, has multiple components such as an energy charge, customer charge, demand charge and applicable riders. Duke Energy Kentucky considers each of these components to be aggregated into a single performance obligation for providing electric service. Electricity is considered a single performance obligation satisfied over time consistent with the series guidance and is provided and consumed over the billing period, generally one month. Retail electric service is typically provided to at-will customers who can cancel service at any time, without a substantive penalty. Additionally, Duke Energy Kentucky adheres to applicable regulatory requirements to ensure the collectability of amounts billed and appropriate mitigating procedures are followed when necessary. As such, revenue from contracts with customers is equivalent to the electricity supplied and billed in that period (including unbilled estimates).

Wholesale electric service is provided through block sales of electricity. Revenues for block sales are recognized monthly as energy is delivered and stand-ready service is provided, consistent with invoiced amounts and unbilled estimates.

Natural Gas Sales

Natural gas sales revenues are earned through retail natural gas service through the transportation, distribution and sale of natural gas. Duke Energy Kentucky generally provides natural gas service customers with all natural gas load requirements. Additionally, while natural gas can be stored, substantially all natural gas provided by Duke Energy Kentucky is consumed by customers simultaneously with receipt of delivery.

Retail natural gas service is marketed throughout Duke Energy Kentucky's natural gas service territory using published tariff rates. The tariff rates are established by the KPSC. Each tariff, which is assigned to customers based on customer class, has multiple components, such as a commodity charge, customer or monthly charge and transportation costs. Duke Energy Kentucky considers each of these components to be aggregated into a single performance obligation for providing natural gas service. For contracts where Duke Energy Kentucky provides all of the customer's natural gas needs, the delivery of natural gas is considered a single performance obligation satisfied over time, and revenue is recognized monthly based on billings and unbilled estimates as service is provided and the commodity is consumed over the billing period. Additionally, natural gas service is typically at-will and customers can cancel service at any time, without a substantive penalty. Duke Energy Kentucky also adheres to applicable regulatory requirements to ensure the collectability of amounts billed and receivable and appropriate mitigating procedures are followed when necessary.

Disaggregated Revenues

For electric and natural gas sales, revenue by customer class is most meaningful to Duke Energy Kentucky as each respective customer class collectively represents unique customer expectations of service, generally has different energy and demand requirements and operates under tailored, regulatory approved pricing structures. Additionally, each customer class is impacted differently by weather and a variety of economic factors including the level of population growth, economic investment, employment levels and regulatory activities. As such, analyzing revenues disaggregated by customer class allows Duke Energy Kentucky to understand the nature, amount, timing and uncertainty of revenue and cash flows arising from contracts with customers.

FINANCIAL STATEMENTS **REVENUE**

Disaggregated revenues are presented as follows:

| (in thousands) By market or type of customer | Years Ended December 31, | |
|--|--------------------------|-------------------|
| | 2021 | 2020 |
| Electricity Sales | | |
| Residential | \$ 158,494 | \$ 136,723 |
| General | 154,570 | 139,705 |
| Industrial | 59,299 | 55,875 |
| Wholesale ^(a) | 15,523 | 9,044 |
| Other revenues | 10,384 | 5,956 |
| Total Electricity Sales revenue from contracts with customers | \$ 398,270 | \$ 347,303 |
| Natural Gas Sales | | |
| Residential | \$ 75,340 | \$ 65,941 |
| Commercial | 32,142 | 25,570 |
| Industrial | 5,249 | 4,449 |
| Other revenues | 2,890 | 2,814 |
| Total Natural Gas Sales revenue from contracts with customers | \$ 115,621 | \$ 98,774 |
| Total revenue from contracts with customers | \$ 513,891 | \$ 446,077 |
| Other revenue sources ^(b) | \$ 6,301 | 5,689 |
| Total revenues | \$ 520,192 | \$ 451,766 |

- (a) Duke Energy Kentucky nets wholesale electric sales and purchases on an hourly basis. As such, the net position may result in fluctuations between positive and negative net revenues at the end of a reporting period.
- (b) Other revenue sources include revenues from derivatives, leases and alternative revenue programs that are not considered revenues from contracts with customers.

As described in Note 1, Duke Energy Kentucky adopted the new guidance for credit losses effective January 1, 2020, using the modified retrospective method of adoption, which does not require restatement of prior year reported results. The following table presents the reserve for credit losses for trade and other receivables based on adoption of the new standard.

| (in thousands) | |
|-------------------------------------|---------------|
| Balance at December 31, 2019 | \$ 314 |
| Write-offs | (373) |
| Credit Loss Expense | 383 |
| Balance at December 31, 2020 | \$ 324 |
| Write-offs | (7) |
| Credit Loss Expense | (2) |
| Balance at December 31, 2021 | \$ 315 |

Trade and other receivables are evaluated based on an estimate of the risk of loss over the life of the receivable and current and historical conditions using supportable assumptions. Management evaluates the risk of loss for trade and other receivables by comparing the historical write-off amounts to total revenue over a specified period. Historical loss rates are adjusted due to the impact of current conditions, including the impacts of COVID-19, as well as forecasted conditions over a reasonable time period. The calculated write-off rate can be applied to the receivable balance for which an established reserve does not already exist. Management reviews the assumptions and risk of loss periodically for trade and other receivables.

The aging of trade receivables is presented in the table below. Duke Energy Kentucky considers receivables greater than 30 days outstanding past due.

FINANCIAL STATEMENTS

REVENUE

| (in thousands) | December 31, | |
|--|-----------------|-----------------|
| | 2021 | 2020 |
| Unbilled Receivables ^{(a)(b)} | \$ 326 | \$ 779 |
| 0-30 days | 2,346 | 4,094 |
| 30-60 days | 177 | 330 |
| 60-90 days | 34 | 59 |
| 90+ days | 5,069 | 3,395 |
| Deferred Payment Arrangements ^(c) | 21 | — |
| Trade and Other Receivables | \$ 7,973 | \$ 8,657 |

- (a) Unbilled revenues are recognized by applying customer billing rates to the estimated volumes of energy or natural gas delivered but not yet billed and are included in Receivables on the Duke Energy Kentucky Balance Sheets. Unbilled receivables relate to transactions with PJM.
- (b) Duke Energy Kentucky sells, on a revolving basis, nearly all of its retail accounts receivable, including receivables for unbilled revenues, to CRC. As discussed further in Note 8, Duke Energy Kentucky accounts for these transfers of receivables as sales. Accordingly, the receivables sold are not reflected on the Balance Sheets. Receivables for unbilled revenues included in the sales of accounts receivable to CRC were \$27 million and \$23 million at December 31, 2021, and 2020, respectively.
- (c) Due to certain customer financial hardships created by the COVID-19 pandemic and resulting stay-at-home orders, Duke Energy Kentucky permitted customers to defer payment of past-due amounts through an installment payment plan over a period of several months.

14. EMPLOYEE BENEFIT PLANS

DEFINED BENEFIT RETIREMENT PLANS

Duke Energy Kentucky participates in qualified and non-qualified defined benefit retirement plans and other post-retirement benefit plans sponsored by Duke Energy. Duke Energy allocates pension and other post-retirement obligations and costs related to these plans to Duke Energy Kentucky. The plans cover most employees using a cash balance formula. Under a cash balance formula, a plan participant accumulates a retirement benefit consisting of pay credits based upon a percentage of current eligible earnings based on age and/or years of service and interest credits. Certain employees are covered under plans that use a final average earnings formula. Under these average earnings formulas, a plan participant accumulates a retirement benefit equal to the sum of percentages of their (i) highest three-year or four-year average earnings, (ii) highest three-year or four-year average earnings in excess of covered compensation per year of participation (maximum of 35 years) and/or (iii) highest three-year average earnings times years of participation in excess of 35 years. Duke Energy also maintains, and Duke Energy Kentucky participates in, non-qualified, non-contributory defined benefit retirement plans which cover certain executives. The qualified and non-qualified non-contributory defined benefit plans are closed to new participants.

Duke Energy uses a December 31 measurement date for its defined benefit retirement plan assets and obligations. Actuarial losses experienced by the defined benefit retirement plans in remeasuring plan assets as of December 31, 2021, were primarily attributable to actual investment performance that was less than expected investment performance. Actuarial gains experienced by the defined benefit retirement plans in remeasuring plan obligations as of December 31, 2021, were primarily attributable to the increase in the discount rate used to measure plan obligations. Actuarial gains experienced by the defined benefit retirement plans in remeasuring plan assets as of December 31, 2020, were attributable to actual investment performance that exceeded expected investment performance. Actuarial losses experienced by the defined benefit retirement plans in remeasuring plan obligations as of December 31, 2020, were primarily attributable to the decrease in the discount rate used to measure plan obligations.

Duke Energy's policy is to fund amounts on an actuarial basis to provide assets sufficient to meet benefit payments to be paid to plan participants. Duke Energy Kentucky did not make any contributions in 2021. Duke Energy Kentucky does not anticipate making any contributions in 2022.

Net periodic benefit costs disclosed in the tables below represent the cost of the respective plan for the periods presented prior to capitalization of amounts reflected as Net property, plant and equipment, on the Balance Sheets. Only the service cost component of net periodic benefit costs is eligible to be capitalized. The remaining non-capitalized portions of net periodic benefit costs are classified as either: (i) service cost, which is recorded in Operations, maintenance and other on the Statements of Operations; or as (ii) components of non-service cost, which is recorded in Other income and expenses, net, on the Statements of Operations. Amounts presented in the tables below represent the amounts of pension and other post-retirement benefit cost allocated by Duke Energy for employees of Duke Energy Kentucky. Additionally, Duke Energy Kentucky is allocated its proportionate share of pension and other post-retirement benefit cost for employees of Duke Energy's shared services affiliate that provides support to Duke Energy Kentucky. These allocated amounts are included in the governance and shared services costs discussed in Note 9.

FINANCIAL STATEMENTS EMPLOYEE BENEFIT PLANS

QUALIFIED PENSION PLANS

Components of Net Periodic Pension Costs

| (in thousands) | Years Ended December 31, | |
|---|--------------------------|----------|
| | 2021 | 2020 |
| Service cost | \$ 1,212 | \$ 1,179 |
| Interest cost on projected benefit obligation | 3,031 | 3,761 |
| Expected return on plan assets | (6,207) | (6,539) |
| Amortization of prior service credit | (95) | (98) |
| Amortization of actuarial loss | 2,118 | 1,965 |
| Amortization of settlement charges | — | 350 |
| Net periodic pension costs | \$ 59 | \$ 618 |

Amounts Recognized in Regulatory Assets

| (in thousands) | December 31, | |
|-----------------------------------|--------------|----------|
| | 2021 | 2020 |
| Regulatory assets, net (decrease) | \$ (4,069) | \$ (127) |

Reconciliation of Funded Status to Net Amount Recognized

| (in thousands) | Years Ended December 31, | |
|---|--------------------------|-------------------|
| | 2021 | 2020 |
| Change in Projected Benefit Obligation | | |
| Obligation at prior measurement date | \$ 120,132 | \$ 117,086 |
| Service cost | 1,124 | 1,082 |
| Interest cost | 3,031 | 3,761 |
| Actuarial (gains) losses | (1,741) | 6,427 |
| Transfers ^(a) | (2,943) | — |
| Benefits paid | (15,153) | (8,224) |
| Obligation at measurement date | \$ 104,450 | \$ 120,132 |
| Accumulated Benefit Obligation at measurement date | \$ 101,920 | \$ 118,545 |
| Change in Fair Value of Plan Assets | | |
| Plan assets at prior measurement date | \$ 106,173 | \$ 103,267 |
| Actual return on plan assets | 5,577 | 11,130 |
| Benefits paid | (15,153) | (8,224) |
| Employer contributions | — | — |
| Transfers ^(a) | (2,943) | — |
| Plan assets at measurement date | \$ 93,654 | \$ 106,173 |
| Funded status of plan | \$ (10,796) | \$ (13,959) |

(a) Transfers represents net amounts associated with plan participants that have moved to/from other Duke Energy subsidiaries.

Amounts Recognized in the Balance Sheets

| (in thousands) | December 31, | |
|---|--------------|-------------|
| | 2021 | 2020 |
| Prefunded pension ^(a) | \$ 16,381 | \$ 12,852 |
| Noncurrent pension liability ^(b) | 27,177 | 26,811 |
| Net liability recognized | \$ (10,796) | \$ (13,959) |
| Regulatory assets | \$ 29,961 | \$ 34,030 |

(a) Included in Other within Investments and Other Assets on the Balance Sheets.

(b) Included in Accrued pension and other post-retirement benefit costs on the Balance Sheets.

FINANCIAL STATEMENTS

EMPLOYEE BENEFIT PLANS

Information for Plans with Accumulated Benefit Obligation in Excess of Plan Assets

| (in thousands) | December 31, | |
|--------------------------------|--------------|-----------|
| | 2021 | 2020 |
| Projected benefit obligation | \$ 41,707 | \$ 53,559 |
| Accumulated benefit obligation | 39,177 | 51,971 |
| Fair value of plan assets | 14,530 | 26,748 |

Assumptions Used for Pension Benefits Accounting

| | December 31, | |
|--|--------------|--------|
| | 2021 | 2020 |
| Benefit Obligations | | |
| Discount rate | 2.90 % | 2.60 % |
| Interest crediting rate | 4.00 % | 4.00 % |
| Salary increase | 3.50 % | 3.50 % |
| Net Periodic Benefit Cost | | |
| Discount rate | 2.60 % | 3.30 % |
| Interest crediting rate | 4.00 % | 4.00 % |
| Salary increase | 3.50 % | 3.50 % |
| Expected long-term rate of return on plan assets | 6.50 % | 6.85 % |

The discount rate used to determine the current year pension obligation and following year's pension expense is based on a bond selection-settlement portfolio approach. This approach develops a discount rate by selecting a portfolio of high quality corporate bonds that generate sufficient cash flow to provide for the projected benefit payments of the plan. The selected bond portfolio is derived from a universe of non-callable corporate bonds rated Aa quality or higher. After the bond portfolio is selected, a single interest rate is determined that equates the present value of the plan's projected benefit payments discounted at this rate with the market value of the bonds selected.

NON-QUALIFIED PENSION PLANS

The accumulated benefit obligation, which equals the projected benefit obligation for non-qualified pension plans, was \$77 thousand for Duke Energy Kentucky as of December 31, 2021. Employer contributions, which equal benefits paid for non-qualified pension plans, were not material for the year ended December 31, 2021. Net periodic pension costs for non-qualified pension plans were not material for the years ended December 31, 2021, or 2020.

OTHER POST-RETIREMENT BENEFIT PLANS

Duke Energy provides, and Duke Energy Kentucky participates in, some health care and life insurance benefits for retired employees on a contributory and non-contributory basis. Employees are eligible for these benefits if they have met age and service requirements at retirement, as defined in the plans. The health care benefits include medical, dental and prescription drug coverage and are subject to certain limitations, such as deductibles and co-payments.

Duke Energy did not make any pre-funding contributions to its other post-retirement benefit plans during the years ended December 31, 2021, and 2020.

Components of Net Periodic Other Post-Retirement Benefit Costs

| (in thousands) | Years Ended December 31, | |
|---|--------------------------|--------|
| | 2021 | 2020 |
| Service cost | \$ 81 | \$ 133 |
| Interest cost on projected benefit obligation | 112 | 174 |
| Expected return on plan assets | (67) | (77) |
| Amortization of prior service credit | (220) | (236) |
| Amortization of actuarial loss | 214 | 231 |
| Net periodic post-retirement pension costs | \$ 120 | \$ 225 |

Amounts Recognized in Regulatory Assets and Regulatory Liabilities

| (in thousands) | December 31, | |
|--------------------------------------|--------------|----------|
| | 2021 | 2020 |
| Regulatory assets, net decrease | \$ (187) | \$ (209) |
| Regulatory liabilities, net increase | (128) | (712) |

FINANCIAL STATEMENTS

EMPLOYEE BENEFIT PLANS

Reconciliation of Funded Status to Accrued Other Post-Retirement Benefit Costs

| (in thousands) | Years Ended December 31, | |
|--|--------------------------|------------|
| | 2021 | 2020 |
| Change in Projected Benefit Obligation | | |
| Accumulated post-retirement benefit obligation at prior measurement date | \$ 4,619 | \$ 5,596 |
| Service cost | 81 | 133 |
| Interest cost | 112 | 174 |
| Plan participants' contributions | 179 | 187 |
| Actuarial gains | (284) | (820) |
| Benefits paid | (513) | (651) |
| Accrued retiree drug subsidy | — | — |
| Accumulated post-retirement benefit obligation at measurement date | \$ 4,194 | \$ 4,619 |
| Change in Fair Value of Plan Assets | | |
| Plan assets at prior measurement date | \$ 1,750 | \$ 1,562 |
| Actual return on plan assets | 104 | 184 |
| Plan participants' contributions | 179 | 187 |
| Benefits paid | (513) | (651) |
| Employer contributions | 55 | 468 |
| Plan assets at measurement date | \$ 1,575 | \$ 1,750 |
| Funded status of plan | \$ (2,619) | \$ (2,869) |

Amounts Recognized in the Balance Sheets

| (in thousands) | December 31, | |
|---|--------------|----------|
| | 2021 | 2020 |
| Current post-retirement liability ^(a) | \$ 168 | \$ 156 |
| Noncurrent post-retirement liability ^(b) | 2,451 | 2,713 |
| Total accrued post-retirement liability | \$ 2,619 | \$ 2,869 |
| Regulatory assets | \$ 1,447 | \$ 1,634 |
| Regulatory liabilities | \$ 6,169 | \$ 6,041 |

(a) Included in Other within Current Liabilities on the Balance Sheets.

(b) Included in Accrued pension and other post-retirement benefit costs on the Balance Sheets.

Assumptions Used for Other Post-Retirement Benefits Accounting

| | December 31, | |
|--|--------------|--------|
| | 2021 | 2020 |
| Benefit Obligations | | |
| Discount rate | 2.90 % | 2.60 % |
| Net Periodic Benefit Cost | | |
| Discount rate | 2.60 % | 3.30 % |
| Expected long-term rate of return on plan assets | 6.50 % | 6.85 % |

The discount rate used to determine the current year other post-retirement benefits obligation and following year's other post-retirement benefits expense is based on a bond selection-settlement portfolio approach. This approach develops a discount rate by selecting a portfolio of high quality corporate bonds that generate sufficient cash flow to provide for the projected benefit payments of the plan. The selected bond portfolio is derived from a universe of non-callable corporate bonds rated Aa quality or higher. After the bond portfolio is selected, a single interest rate is determined that equates the present value of the plan's projected benefit payments discounted at this rate with the market value of the bonds selected.

FINANCIAL STATEMENTS

EMPLOYEE BENEFIT PLANS

Assumed Health Care Cost Trend Rate

| | December 31, | |
|--|--------------|--------|
| | 2021 | 2020 |
| Health care cost trend rate assumed for next year | 6.25 % | 6.25 % |
| Rate to which the cost trend is assumed to decline (the ultimate trend rate) | 4.75 % | 4.75 % |
| Year that the rate reaches the ultimate trend rate | 2028 | 2028 |

Expected Benefit Payments

The following table presents Duke Energy's expected benefit payments to participants on behalf of Duke Energy Kentucky in its qualified and other post-retirement benefit plans over the next 10 years. These benefit payments reflect expected future service, as appropriate.

| (in thousands) | Qualified | | Other Post- | | Total |
|---------------------------|-----------|----|-------------|-------|--------|
| | Plans | | Retirement | Plans | |
| Years ending December 31, | | | | | |
| 2022 | \$ 7,877 | \$ | 765 | \$ | 8,642 |
| 2023 | 7,812 | | 537 | | 8,349 |
| 2024 | 7,862 | | 424 | | 8,286 |
| 2025 | 7,566 | | 369 | | 7,935 |
| 2026 | 7,468 | | 320 | | 7,788 |
| 2027-2031 | 35,351 | | 1,206 | | 36,557 |

MASTER RETIREMENT TRUST

The assets for the Duke Energy Kentucky plans discussed above are derived from the Master Retirement Trust (Master Trust) that is held by Duke Energy and, as such, Duke Energy Kentucky is allocated its proportionate share of assets discussed below. Assets for both the qualified pension and other post-retirement benefits are maintained in the Master Trust. Duke Energy also invests other post-retirement assets in Voluntary Employees' Beneficiary Association trusts. The investment objective is to achieve sufficient returns, subject to a prudent level of portfolio risk, for the purpose of promoting the security of plan benefits for participants. As of December 31, 2021, Duke Energy assumes pension and other post-retirement plan assets will generate a long-term rate of return of 6.50%. The expected long-term rate of return was developed using a weighted average calculation of expected returns based primarily on future expected returns across asset classes considering the use of active asset managers, where applicable. The asset allocation targets were set after considering the investment objective and the risk profile. Equity securities are held for their high expected return. Debt securities are primarily held to hedge the qualified pension plan liability. Return seeking debt securities, hedge funds and other global securities are held for diversification. Investments within asset classes are diversified to achieve broad market participation and reduce the impact of individual managers or investments.

Effective January 1, 2022, the target asset allocation for the Duke Energy Retirement Master Trust is 60% liability hedging assets and 40% return-seeking assets. Duke Energy periodically reviews its asset allocation targets, and over time, as the funded status of the benefit plans increase, the level of asset risk relative to plan liabilities may be reduced to better manage Duke Energy's benefit plan liabilities and reduce funded status volatility.

The following table presents target and actual asset allocations for the Master Trust at December 31, 2021, and 2020.

| Asset Category | Target Allocation | Actual Allocation at | |
|----------------------------------|-------------------|----------------------|-------|
| | | December 31, | |
| | | 2021 | 2020 |
| Global equity securities | 27 % | 24 % | 30 % |
| Global private equity securities | 1 % | 1 % | 1 % |
| Debt securities | 62 % | 62 % | 55 % |
| Return seeking debt securities | 4 % | 4 % | 5 % |
| Hedge funds | 2 % | 3 % | 3 % |
| Real estate and cash | 4 % | 6 % | 6 % |
| Total | 100 % | 100 % | 100 % |

EMPLOYEE SAVINGS PLAN

Duke Energy Kentucky also participates in employee savings plans sponsored by Duke Energy. Most employees participate in a matching contribution formula where Duke Energy provides a matching contribution generally equal to 100% of employee before-tax and Roth 401(k) contributions and, as applicable, after-tax contributions of up to 6% of eligible pay per period.

FINANCIAL STATEMENTS

EMPLOYEE BENEFIT PLANS

For new and rehired non-union and certain unionized employees who are not eligible to participate in Duke Energy's defined benefit plans, an additional employer contribution of 4% of eligible pay per pay period, which is subject to a three-year vesting schedule, is provided to the employee's savings plan account.

Duke Energy Kentucky's expense related to its proportionate share of pretax employer contributions and the additional 4% employer contribution was \$1,215 thousand and \$1,225 thousand for the years ended December 31, 2021, and 2020, respectively.

15. INCOME TAXES

INCOME TAX EXPENSE

Components of Income Tax Expense

| (in thousands) | Years Ended December 31, | |
|---|--------------------------|----------|
| | 2021 | 2020 |
| Current income taxes | | |
| Federal | \$ (6,954) | \$ 4,226 |
| State | (2,229) | 816 |
| Total current income taxes | (9,183) | 5,042 |
| Deferred income taxes | | |
| Federal | 14,419 | 3,005 |
| State | 4,892 | 1,722 |
| Total deferred income taxes ^(a) | 19,311 | 4,727 |
| Investment tax credit amortization | (58) | (61) |
| Total income tax expense included in Statements of Operations | \$ 10,070 | \$ 9,708 |

(a) Total deferred income taxes includes utilization of NOL carryforwards and tax credit carryforwards of \$3 million.

FINANCIAL STATEMENTS

INCOME TAXES

Statutory Rate Reconciliation

The following table presents a reconciliation of income tax expense at the U.S. federal statutory tax rate to actual tax expense.

| (in thousands) | Years Ended December 31, | |
|---|--------------------------|-----------|
| | 2021 | 2020 |
| Income tax expense, computed at the statutory rate of 21% | \$ 13,328 | \$ 12,149 |
| State income tax, net of federal income tax effect | 2,104 | 2,007 |
| Amortization of excess deferred income tax | (4,741) | (4,213) |
| Tax Credits | (313) | (272) |
| Other items, net | (308) | 37 |
| Total income tax expense | \$ 10,070 | \$ 9,708 |
| Effective tax rate | 15.9 % | 16.8 % |

DEFERRED TAXES

Net Deferred Income Tax Liability Components

| (in thousands) | Years Ended December 31, | |
|--|--------------------------|--------------|
| | 2021 | 2020 |
| Deferred credits and other liabilities | \$ — | \$ 213 |
| Lease obligations | 2,141 | 2,190 |
| Tax credits and NOL carryforwards | 5,069 | 8,135 |
| Pension, post-retirement and other employee benefits | 4,387 | 5,414 |
| Regulatory liabilities and deferred credits | — | 5,228 |
| Investments and other liabilities | 467 | 921 |
| Other | 468 | 1,713 |
| Total deferred income tax assets | 12,532 | 23,814 |
| Accelerated depreciation rates | (278,714) | (266,186) |
| Regulatory assets and deferred credits | (1,777) | — |
| Total deferred income tax liabilities | (280,491) | (266,186) |
| Net deferred income tax liabilities | \$ (267,959) | \$ (242,372) |

The following table presents the expiration of tax credits and NOL carryforwards.

| (in thousands) | December 31, 2021 | | |
|---|-------------------|-----------------|--------|
| | Amount | Expiration Year | |
| General business credits | \$ 5,034 | 2024 | — 2041 |
| State NOL carryforwards | 35 | 2037 | |
| Total tax credits and NOL carryforwards | \$ 5,069 | | |

UNRECOGNIZED TAX BENEFITS

The following table presents changes to unrecognized tax benefits.

| (in thousands) | Years Ended December 31, | |
|---|--------------------------|--------|
| | 2021 | 2020 |
| Unrecognized tax benefits – January 1 | \$ 434 | \$ 405 |
| Unrecognized tax benefit increases | 40 | 29 |
| Total changes | 40 | 29 |
| Unrecognized tax benefits – December 31 | \$ 474 | \$ 434 |

FINANCIAL STATEMENTS

INCOME TAXES

The following table includes additional information regarding the unrecognized tax benefits at December 31, 2021. Duke Energy Kentucky does not expect a decrease in unrecognized tax benefits within the next 12 months.

| (in thousands) | December 31, 2021 | |
|---|--------------------------|------------|
| Amount that if recognized, would affect the effective tax rate or regulatory liability ^(a) | \$ | 474 |

(a) Duke Energy Kentucky is unable to estimate the specific amounts that would affect the effective tax rate versus the regulatory liability.

OTHER TAX MATTERS

Duke Energy Kentucky recognized no interest income, interest expense or penalties related to income taxes on the Statements of Operations in 2021, or 2020. As of December 31, 2021, and 2020, no amounts were recognized on the Balance Sheets for interest or penalties related to income taxes.

Duke Energy Kentucky is no longer subject to U.S. federal examination for years before 2016. With few exceptions, Duke Energy Kentucky is no longer subject to state, local or non-U.S. income tax examinations by tax authorities for years before 2016.

16. SUBSEQUENT EVENTS

Subsequent events were evaluated through March 11, 2022. For information on subsequent events related to regulatory matters, see Note 2.

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-053

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 96, Attachment 5, AG-DR-01-096_Attach_5_Revised_DEK_Collection_Lag_AR_Turnover (Excel spreadsheet). Refer also to Duke Kentucky's working trial balances in the attachments to Duke Kentucky's response to the Attorney General's First Request, Item 90, which lists ending balances in all accounts and subaccounts for specific periods.

a. Provide the month end contra amounts recorded by the Company to accounts 0142891 and 0173891. See Duke Kentucky's response to the Attorney General's First Request, Item 95(f) wherein Ms. Weatherston states "[t]o the extent that these receivables do not belong to Duke Energy Kentucky, a contra amount is recorded to 0142891 and 0173891 so as not to overstate the receivable balances on Duke Energy Kentucky's books." In addition, explain why the contra amounts in these accounts were not netted or otherwise addressed in Mr. Normand's calculations.

b. Confirm that account 0142891 is titled IC Customer AR Sold VIE. Provide a detailed description of the amounts recorded to this account and the source of the amounts. Provide a copy of all accounting and procedures documentation related to amounts recorded to this account.

c. Confirm that account 0173891 is titled IC Unbilled AR Sold VIE. Provide a detailed description of the amounts recorded to this account and the source of the

amounts. Provide a copy of all accounting and procedures documentation related to amounts recorded to this account.

d. Refer to accounts 0145891-IC Note Rec VIE, 0146000-AR Intercompany Crossbill, 0146009-I/C AR Rollup, and 0146250 IC Netting-Accts Receivable. Provide a detailed description of the amounts recorded to each of these accounts and the source of the amounts that are recorded. Provide a copy of all accounting and procedures documentation related to amounts recorded to each of these accounts.

RESPONSE:

a. Please refer to AG-DR-02-053 Attachment 1 for the balances in the contra accounts for the twelve months ended December 31, 2021 which is the period used in the lead lag study. The amounts in the contra accounts were not used in the calculations of the revenue lag because the cash flows from customer billings, customer payment and deposit into Duke Energy's cash funds are not affected by the sale of receivables. Duke Energy Kentucky maintains control of all cash received from customers. See "Paul M. Normand Direct" page 3, lines 20 to 21 and page 4, lines 1 to 9.

b. Confirmed, account 0142891 is titled IC Customer AR Sold VIE. Please refer to AG-DR-02-053 Attachment 2 for a schedule showing the monthly activity in account 0142891 for 2021. Please refer to AG-DR-01-094 Attachment 1 for the entry itself and AG-DR-02-050 for a detailed description of the transaction being recorded. Account 0142891 is used as a contra account to offset the balance in customer accounts receivable 0142200 due to the Sale of Receivables. Because the Company serves as the collection agent, it maintains the customer accounts receivable balance in account 0142200 supported by the individual customer accounts maintained in the billing system.

c. Confirmed, account 0173891 is titled IC Unbilled AR Sold VIE. Please refer to AG-DR-02-053 Attachment 3 for a schedule showing the monthly activity in account 0173891 for 2021. Please refer to AG-DR-01-094 Attachment 1 for the entry itself and AG-DR-02-050 for a detailed description of the transaction being recorded. Account 0173891 is used as a contra account to offset the balance in unbilled customer accounts receivable 0173100 due to the Sale of Receivables.

d. Please refer to AG-DR-02-053 Attachment 4 for a schedule related to account 0145891 - IC Note Receivable VIE. Please refer to AG-DR-01-094 Attachment 1 for the entry itself and AG-DR-02-050 for a detailed description of the transaction being recorded.

Please refer to AG-DR-02-053 Attachment 5 for a schedule related to 0146000-AR Intercompany Crossbill. Please refer to AG-DR-01-094 Attachment 1 for the entry itself and AG-DR-02-050 for a detailed description of the transaction being recorded. Account 0146000 is an intercompany balancing account. Items are posted to it so that journal entries are in balance by accounting business unit. It is also used in Section 8 of the journal entry described in AG-DR-02-050, to balance the change in the 0145891 reduction and the cash reported in Section 6 of said entry.

Accounts 0146009 and 0146250 are not used as part of the normal recording of the Sale of Accounts Receivable. These accounts contain intercompany amounts with numerous other entities and are generally used for roll-up procedures and settlements which are completed by the consolidations team.

PERSON RESPONSIBLE: Danielle L. Weatherston – a. thru d.
Paul M. Normand – a.

| | |
|--------------------------------|------------------|
| ENT Jurisdiction | (Multiple Items) |
| Business Unit CB | All |
| Business Unit CB - Description | All |

| TTD Actual Amount | | Fiscal Year | Calendar Quarter | | | Accounting Period | | | | | | | |
|--------------------|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | | 2021 | | | | Q2 2021 | | Q3 2021 | | | Q4 2021 | | |
| Account CB | Account CB Description Long | Q1 2021 | Feb 2021 | Mar 2021 | Apr 2021 | May 2021 | Jun 2021 | Jul 2021 | Aug 2021 | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| 0142891 | IC Customer AR Sold VIE | (53,596,984.50) | (55,001,798.67) | (43,024,118.30) | (36,589,209.29) | (35,757,532.17) | (35,004,622.42) | (39,062,999.78) | (35,895,971.80) | (35,149,402.46) | (29,864,954.36) | (33,963,319.45) | (48,701,921.82) |
| 0173891 | IC Unbilled AR Sold VIE | (18,717,797.00) | (19,592,569.13) | (14,697,119.00) | (13,541,889.00) | (14,259,008.00) | (16,588,426.00) | (16,413,061.00) | (19,358,147.00) | (15,423,814.00) | (18,801,405.00) | (25,352,797.00) | (27,425,555.00) |
| Grand Total | | (72,314,781.50) | (74,594,367.80) | (57,721,237.30) | (50,131,098.29) | (50,016,540.17) | (51,593,048.42) | (55,476,060.78) | (55,254,118.80) | (50,573,216.46) | (48,666,359.36) | (59,316,116.45) | (76,127,476.82) |

Account ID CB 142891
 Journal ID JD (All)

| Sum of Monetary Amount JD Row Labels | Column Labels | | | | | | | | | | | | Grand Total |
|---|------------------------|-----------------------|----------------------|---------------------|-------------------|-------------------|-----------------------|---------------------|-------------------|---------------------|-----------------------|------------------------|-----------------------|
| | Jan 2021 | Feb 2021 | Mar 2021 | Apr 2021 | May 2021 | Jun 2021 | Jul 2021 | Aug 2021 | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 | |
| IC Customer AR Sold VIE | (10,534,433.54) | (1,404,814.17) | 11,977,680.37 | 6,434,909.01 | 831,677.12 | 752,909.75 | (4,058,377.36) | 3,167,027.98 | 746,569.34 | 5,284,448.10 | (4,098,365.09) | (14,738,602.37) | (5,639,370.86) |
| 1. Sale of retail receivables | (52,318,669.17) | (50,738,646.21) | (45,843,381.59) | (36,669,052.08) | (34,106,298.11) | (37,970,627.29) | (41,184,325.23) | (40,368,075.46) | (40,973,216.45) | (34,493,974.95) | (41,713,555.18) | (58,393,032.35) | (514,772,854.07) |
| 3. Reclassify chargeoffs to s | 191,202.50 | 213,227.34 | 152,190.81 | 391,106.51 | 402,122.74 | 266,949.92 | 302,327.38 | 230,007.25 | 289,744.44 | 209,140.37 | 241,193.03 | 420,306.42 | 3,309,518.71 |
| 4. Reclassify cash collection | 41,593,033.13 | 49,120,604.70 | 57,668,871.15 | 42,712,854.58 | 34,535,852.49 | 38,456,587.12 | 36,823,620.49 | 43,305,096.19 | 41,430,041.35 | 39,569,282.68 | 37,373,997.06 | 43,234,123.56 | 505,823,964.50 |

Account ID CB 173891
 Journal ID JD (All)

| Sum of Monetary Amount JD Row Labels | Column Labels | | | | | | | | | | | | |
|---|---------------|--------------|--------------|--------------|--------------|----------------|------------|----------------|--------------|----------------|----------------|----------------|----------------|
| | Jan 2021 | Feb 2021 | Mar 2021 | Apr 2021 | May 2021 | Jun 2021 | Jul 2021 | Aug 2021 | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 | Grand Total |
| IC Unbilled AR Sold VIE | 4,517,981.00 | (874,772.13) | 4,895,450.13 | 1,155,230.00 | (717,119.00) | (2,329,418.00) | 175,365.00 | (2,945,086.00) | 3,934,333.00 | (3,377,591.00) | (6,551,392.00) | (2,072,758.00) | (4,189,777.00) |
| 1. Sale of retail receivables | 4,517,981.00 | (874,772.13) | 4,895,450.13 | 1,155,230.00 | (717,119.00) | (2,329,418.00) | 175,365.00 | (2,945,086.00) | 3,934,333.00 | (3,377,591.00) | (6,551,392.00) | (2,072,758.00) | (4,189,777.00) |

Account ID CB 145891
 Journal ID JD (All)

| Sum of Monetary Amount JD Row Labels | Column Labels | | | | | | | | | | | | Grand Total |
|---|-------------------|---------------------|------------------------|-----------------------|---------------------|-------------------|---------------------|---------------------|-----------------------|-----------------------|---------------------|---------------------|-----------------------|
| | Jan 2021 | Feb 2021 | Mar 2021 | Apr 2021 | May 2021 | Jun 2021 | Jul 2021 | Aug 2021 | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 | |
| IC Note Rec VIE | 921,984.32 | 4,092,402.27 | (16,214,153.84) | (2,623,952.89) | 1,392,425.13 | 863,444.24 | 1,667,185.84 | (336,621.61) | (3,311,239.77) | (3,278,155.55) | 6,000,127.38 | 8,026,964.19 | (2,799,590.29) |
| 1. Sale of retail receivables | 47,351,777.20 | 51,232,748.27 | 40,595,830.88 | 35,241,776.71 | 34,580,202.22 | 40,020,281.03 | 40,636,103.95 | 42,945,979.67 | 36,699,686.12 | 37,519,478.54 | 47,942,316.93 | 59,945,780.03 | 514,711,961.55 |
| 5. Record additional paydown | 0.00 | 0.00 | 0.00 | 2,493,473.00 | 0.00 | (2,800,257.00) | (1,666,034.00) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | (1,972,818.00) |
| 7. Record interest revenue on | 98,499.18 | 107,608.24 | 104,891.81 | 63,490.47 | 56,976.34 | 70,626.72 | 73,564.45 | 79,373.82 | 71,682.99 | 83,683.44 | 69,734.35 | 95,853.55 | 975,985.36 |
| 8. Reduction of note receivab | (46,528,292.06) | (47,247,954.24) | (56,914,876.53) | (40,422,693.07) | (33,244,753.43) | (36,427,206.51) | (37,376,448.56) | (43,361,975.10) | (40,082,608.88) | (40,881,317.53) | (42,011,923.90) | (52,014,669.39) | (516,514,719.20) |

Account ID CB 146000
 Journal ID JD (All)

| Sum of Monetary Amount JD Row Labels | Column Labels | | | | | | | | | | | | Grand Total |
|---|---------------|----------------|--------------|----------------|----------------|----------------|--------------|------------|----------------|--------------|--------------|--------------|---------------|
| | Jan 2021 | Feb 2021 | Mar 2021 | Apr 2021 | May 2021 | Jun 2021 | Jul 2021 | Aug 2021 | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 | |
| AR Intercompany Crossbill | 5,403,143.47 | (1,464,339.00) | (515,049.69) | (1,827,469.15) | (793,467.89) | (1,657,331.85) | 1,041,958.03 | 465,895.55 | (901,824.08) | 1,435,526.30 | 4,981,053.69 | 9,486,016.39 | 15,654,111.77 |
| 8. Reduction of note receivab | 4,942,673.73 | (1,858,347.39) | (802,405.45) | (2,310,863.86) | (1,288,519.87) | (2,029,333.72) | 551,047.88 | 59,283.55 | (1,354,653.85) | 1,178,357.45 | 4,634,047.68 | 8,794,261.82 | 10,515,547.97 |
| AR Intercompany Crossbill | 460,469.74 | 394,008.39 | 287,355.76 | 483,394.71 | 495,051.98 | 372,001.87 | 490,910.15 | 406,612.00 | 452,829.77 | 257,168.85 | 347,006.01 | 691,754.57 | 5,138,563.80 |

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-054

REQUEST:

Refer to the Application generally. Indicate if the Company's per books expense in calendar year 2021, the base period, and/or the test year includes credit/debit card convenience fees expense. If so, then provide the expense in each of these periods and indicate if the Company seeks recovery of these convenience fees in its base revenue requirement in this proceeding.

RESPONSE:

Duke Energy Kentucky's per books expense in calendar year 2021, the base period, and the test year did not include any credit/debit card convenience fees expense. Customers paid for these fees individually at the time of the transaction, therefore Duke Energy Kentucky did not incur the costs for the transactions.

PERSON RESPONSIBLE: Jacob S. Colley

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-055

REQUEST:

Refer to Duke Kentucky's responses to the Attorney General's First Request, Item 100(b), Attachment 1, and 100(d), Attachment 2. Update each of these attachments through December 2022.

RESPONSE:

See AG-DR-02-055 Attachment 1 for the update of AG-DR-01-100(b) Attachment 1 through December 2022.

See AG-DR-02-055 Attachment 2 for the update of AG-DR-01-100(d) Attachment 2 through December 2022. The months of May 2022, June 2022, and August 2022 were revised from AG-DR-01-100(d) Attachment 2 due to PJM Settlement adjustments booked for these expense months after the response was prepared. These adjustments were booked on the general ledger after June 30, 2022. The Company has requested amortization of the general ledger balance as of June 30, 2022. Any amounts recorded in the general ledger after June 30, 2022 will be included in future proceeding.

PERSON RESPONSIBLE: Danielle L. Weatherston
Lisa D. Steinkuhl

Beginning Accounting Period: 5
 Ending Accounting Period: 12
 Fiscal Year: 2018
 Currency Code: USD

GENERAL LEDGER REPORT - SUMMARY

Business Unit(s): 75083;75080;75081;75082;75084;75086;75085;75087;75088

Account Tree: WTB_GAAP_REPORT

Account(s): 0182527

0182527 - Plant Outage Normalization

75083 - DE Kentucky Fossil/Hydro Other

| | |
|--------------------------|-----|
| Beginning Balance | N/A |
|--------------------------|-----|

| Fiscal Year and Period | Period Activity | Ending Balance |
|-------------------------------|------------------------|-----------------------|
| 201806 | 1,221,441.14 | 1,221,441.14 |
| 201807 | (143,454.40) | 1,077,986.74 |
| 201808 | 12,922.03 | 1,090,908.77 |
| 201809 | 339,737.27 | 1,430,646.04 |
| 201810 | 369,313.63 | 1,799,959.67 |
| 201811 | (54,857.63) | 1,745,102.04 |
| 201812 | 320,984.74 | 2,066,086.78 |

GENERAL LEDGER REPORT - DETAIL

Business Unit(s): 75083;75080;75081;75082;75084;75086;75085;75087;75088

Account Tree: WTB_GAAP_REPORT

Account(s): 0182527

Beginning Accounting Period: 5

Ending Accounting Period: 12

Fiscal Year: 2018

Currency Code: USD

0182527 - Plant Outage Normalization

75083 - DE Kentucky Fossil/Hydro Other

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|---------------------|
| 201806 | 400AM706 | Deferral/Accrual of Planned Ou | 1,221,441.14 |
| | | Sum of Activity in 201806: | 1,221,441.14 |

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|-------------------|
| 201807 | 400AM706 | Deferral/Accrual of Planned Ou | (143,454.40) |
| | | Sum of Activity in 201807: | -143,454.4 |

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|------------------|
| 201808 | 400AM706 | Deferral/Accrual of Planned Ou | 12,922.03 |
| | | Sum of Activity in 201808: | 12,922.03 |

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|-------------------|
| 201809 | 400AM706 | Deferral/Accrual of Planned Ou | 339,737.27 |
| | | Sum of Activity in 201809: | 339,737.27 |

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|-------------------|
| 201810 | 400AM706 | Deferral/Accrual of Planned Ou | 369,313.63 |
| | | Sum of Activity in 201810: | 369,313.63 |

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|-------------------|
| 201811 | 400AM706 | Deferral/Accrual of Planned Ou | (54,857.63) |
| | | Sum of Activity in 201811: | -54,857.63 |

GENERAL LEDGER REPORT - DETAIL

Business Unit(s): 75083;75080;75081;75082;75084;75086;75085;75087;75088

Account Tree: WTB_GAAP_REPORT

Account(s): 0182527

Beginning Accounting Period: 5

Ending Accounting Period: 12

Fiscal Year: 2018

Currency Code: USD

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|---------------------|
| 201812 | 400AM706 | Deferral/Accrual of Planned Ou | 320,984.74 |
| | | Sum of Activity in 201812: | 320,984.74 |
| | | Sum: | 2,066,086.78 |

Beginning Accounting Period: 1
 Ending Accounting Period: 12
 Fiscal Year: 2019
 Currency Code: USD

GENERAL LEDGER REPORT - SUMMARY

Business Unit(s): 75083;75080;75081;75082;75084;75086;75085;75087;75088

Account Tree: WTB_GAAP_REPORT

Account(s): 0182527

0182527 - Plant Outage Normalization

75083 - DE Kentucky Fossil/Hydro Other

| | |
|--------------------------|--------------|
| Beginning Balance | 2,066,086.78 |
|--------------------------|--------------|

| Fiscal Year and Period | Period Activity | Ending Balance |
|-------------------------------|------------------------|-----------------------|
| 201901 | 0 | 2,066,086.78 |
| 201902 | 0 | 2,066,086.78 |
| 201903 | 0 | 2,066,086.78 |
| 201904 | 0 | 2,066,086.78 |
| 201905 | 0 | 2,066,086.78 |
| 201906 | 0 | 2,066,086.78 |
| 201907 | 0 | 2,066,086.78 |
| 201908 | 0 | 2,066,086.78 |
| 201909 | 0 | 2,066,086.78 |
| 201910 | 102,289.27 | 2,168,376.05 |
| 201911 | 1,317,084.21 | 3,485,460.26 |
| 201912 | 368,535.76 | 3,853,996.02 |

GENERAL LEDGER REPORT - DETAIL

Business Unit(s): 75083;75080;75081;75082;75084;75086;75085;75087;75088

Account Tree: WTB_GAAP_REPORT

Account(s): 0182527

Beginning Accounting Period: 1

Ending Accounting Period: 12

Fiscal Year: 2019

Currency Code: USD

0182527 - Plant Outage Normalization

75083 - DE Kentucky Fossil/Hydro Other

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|-------------------|
| 201910 | 400AM706 | Deferral/Accrual of Planned Ou | 102,289.27 |
| | | Sum of Activity in 201910: | 102,289.27 |

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|---------------------|
| 201911 | 400AM706 | Deferral/Accrual of Planned Ou | 1,317,084.21 |
| | | Sum of Activity in 201911: | 1,317,084.21 |

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|-------------------|
| 201912 | 400AM706 | Deferral/Accrual of Planned Ou | 368,535.76 |
| | | Sum of Activity in 201912: | 368,535.76 |

| | | | |
|--|--|-------------|---------------------|
| | | Sum: | 1,787,909.24 |
|--|--|-------------|---------------------|

GENERAL LEDGER REPORT - SUMMARY

Business Unit(s): 75083;75080;75081;75082;75084;75086;75085;75087;75088

Account Tree: WTB_GAAP_REPORT

Account(s): 0182527

Beginning Accounting Period: 1
 Ending Accounting Period: 12
 Fiscal Year: 2020
 Currency Code: USD

0182527 - Plant Outage Normalization

75083 - DE Kentucky Fossil/Hydro Other

| | |
|--------------------------|--------------|
| Beginning Balance | 3,853,996.02 |
|--------------------------|--------------|

| Fiscal Year and Period | Period Activity | Ending Balance |
|-------------------------------|------------------------|-----------------------|
| 202001 | 0 | 3,853,996.02 |
| 202002 | 0 | 3,853,996.02 |
| 202003 | 0 | 3,853,996.02 |
| 202004 | 0 | 3,853,996.02 |
| 202005 | 0 | 3,853,996.02 |
| 202006 | 0 | 3,853,996.02 |
| 202007 | 0 | 3,853,996.02 |
| 202008 | 0 | 3,853,996.02 |
| 202009 | 0 | 3,853,996.02 |
| 202010 | 0 | 3,853,996.02 |
| 202011 | 133,409.40 | 3,987,405.42 |
| 202012 | 450,750.87 | 4,438,156.29 |

GENERAL LEDGER REPORT - DETAIL

Business Unit(s): 75083;75080;75081;75082;75084;75086;75085;75087;75088

Account Tree: WTB_GAAP_REPORT

Account(s): 0182527

Beginning Accounting Period: 1

Ending Accounting Period: 12

Fiscal Year: 2020

Currency Code: USD

0182527 - Plant Outage Normalization

75083 - DE Kentucky Fossil/Hydro Other

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|------------------|
| 202011 | 400AM706 | Deferral/Accrual of Planned Ou | 133,409.40 |
| | | Sum of Activity in 202011: | 133,409.4 |

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|-------------------|
| 202012 | 400AM706 | Deferral/Accrual of Planned Ou | 450,750.87 |
| | | Sum of Activity in 202012: | 450,750.87 |

| | | | |
|--|--|-------------|-------------------|
| | | Sum: | 584,160.27 |
|--|--|-------------|-------------------|

Beginning Accounting Period: 1
 Ending Accounting Period: 12
 Fiscal Year: 2021
 Currency Code: USD

GENERAL LEDGER REPORT - SUMMARY

Business Unit(s): 75083;75080;75081;75082;75084;75086;75085;75087;75088

Account Tree: WTB_GAAP_REPORT

Account(s): 0182527

0182527 - Plant Outage Normalization

75083 - DE Kentucky Fossil/Hydro Other

| | |
|--------------------------|--------------|
| Beginning Balance | 4,438,156.29 |
|--------------------------|--------------|

| Fiscal Year and Period | Period Activity | Ending Balance |
|-------------------------------|------------------------|-----------------------|
| 202101 | 0 | 4,438,156.29 |
| 202102 | 0 | 4,438,156.29 |
| 202103 | 0 | 4,438,156.29 |
| 202104 | 0 | 4,438,156.29 |
| 202105 | 0 | 4,438,156.29 |
| 202106 | 0 | 4,438,156.29 |
| 202107 | 0 | 4,438,156.29 |
| 202108 | 0 | 4,438,156.29 |
| 202109 | 0 | 4,438,156.29 |
| 202110 | 2,119,346.27 | 6,557,502.56 |
| 202111 | 2,377,160.18 | 8,934,662.74 |
| 202112 | (625,398.14) | 8,309,264.60 |

GENERAL LEDGER REPORT - DETAIL

Business Unit(s): 75083;75080;75081;75082;75084;75086;75085;75087;75088

Account Tree: WTB_GAAP_REPORT

Account(s): 0182527

Beginning Accounting Period: 1

Ending Accounting Period: 12

Fiscal Year: 2021

Currency Code: USD

0182527 - Plant Outage Normalization

75083 - DE Kentucky Fossil/Hydro Other

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|---------------------|
| 202110 | 400AM706 | Deferral/Accrual of Planned Ou | 2,119,346.27 |
| | | Sum of Activity in 202110: | 2,119,346.27 |

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|---------------------|
| 202111 | 400AM706 | Deferral/Accrual of Planned Ou | 2,377,160.18 |
| | | Sum of Activity in 202111: | 2,377,160.18 |

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|--------------------|
| 202112 | 400AM706 | Deferral/Accrual of Planned Ou | (625,398.14) |
| | | Sum of Activity in 202112: | -625,398.14 |

| | | | |
|--|--|-------------|---------------------|
| | | Sum: | 3,871,108.31 |
|--|--|-------------|---------------------|

Beginning Accounting Period: 1
 Ending Accounting Period: 12
 Fiscal Year: 2022
 Currency Code: USD

GENERAL LEDGER REPORT - SUMMARY

Business Unit(s): 75083;75080;75081;75082;75084;75086;75085;75087;75088

Account Tree: WTB_GAAP_REPORT

Account(s): 0182527

0182527 - Plant Outage Normalization

75083 - DE Kentucky Fossil/Hydro Other

| | |
|--------------------------|--------------|
| Beginning Balance | 8,309,264.60 |
|--------------------------|--------------|

| Fiscal Year and Period | Period Activity | Ending Balance |
|-------------------------------|------------------------|-----------------------|
| 202201 | 0 | 8,309,264.60 |
| 202202 | 0 | 8,309,264.60 |
| 202203 | 0 | 8,309,264.60 |
| 202204 | 0 | 8,309,264.60 |
| 202205 | 0 | 8,309,264.60 |
| 202206 | 0 | 8,309,264.60 |
| 202207 | 0 | 8,309,264.60 |
| 202208 | 0 | 8,309,264.60 |
| 202209 | 0 | 8,309,264.60 |
| 202210 | 902,642.24 | 9,211,906.84 |
| 202211 | 178,670.15 | 9,390,576.99 |
| 202212 | 166,662.02 | 9,557,239.01 |

GENERAL LEDGER REPORT - DETAIL

Business Unit(s): 75083;75080;75081;75082;75084;75086;75085;75087;75088

Account Tree: WTB_GAAP_REPORT

Account(s): 0182527

Beginning Accounting Period: 1

Ending Accounting Period: 12

Fiscal Year: 2022

Currency Code: USD

0182527 - Plant Outage Normalization

75083 - DE Kentucky Fossil/Hydro Other

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|-------------------|
| 202210 | 400AM706 | Deferral/Accrual of Planned Ou | 902,642.24 |
| | | Sum of Activity in 202210: | 902,642.24 |

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|-------------------|
| 202211 | 400AM706 | Deferral/Accrual of Planned Ou | 178,670.15 |
| | | Sum of Activity in 202211: | 178,670.15 |

| Fiscal Year and Period | Journal ID | Journal Description | Period Activity |
|------------------------|------------|-----------------------------------|-------------------|
| 202212 | 400AM706 | Deferral/Accrual of Planned Ou | 166,662.02 |
| | | Sum of Activity in 202212: | 166,662.02 |

| | | | |
|--|--|-------------|---------------------|
| | | Sum: | 1,247,974.41 |
|--|--|-------------|---------------------|

2018 - December 2022 Forced Outage Purchased Power Replacement Costs by Expense Month
East Bend

| Description | 2022 ACTUALS Per FAC Filing | | | | | | | | | | | | | YTD |
|---|-----------------------------|---------------|------|-------------|-----------------|-----------------|-----------------|-----------------|--------------|------|---------------|-----------------|------------------|-----|
| | Schedule 6 | | | | Schedule 6 | Schedule 6 | Jul | Revised Aug | Sep | Oct | Nov | Dec | | |
| Jan | Feb | Mar | Apr | Revised May | Revised Jun | | | | | | | | | |
| Cost of Purchased Power due to Forced Outage | \$ 27,556.86 | \$ 654,274.22 | \$ - | \$ - | \$ 3,029,152.05 | \$ 1,272,058.44 | \$ 1,767,618.45 | \$ 1,209,326.00 | \$ 36,136.70 | \$ - | \$ 198,501.20 | \$ 2,369,403.12 | \$ 10,564,027.04 | |
| Cost of Purchased Power Recovered Through FAC | \$ 11,241.72 | \$ 271,590.96 | \$ - | \$ - | \$ 953,898.36 | \$ 362,992.49 | \$ 446,583.98 | \$ 317,710.07 | \$ 10,000.25 | \$ - | \$ 97,032.51 | \$ 975,608.32 | \$ 3,446,658.66 | |
| Cost of Purchased Power Deferred in Reg Asset | \$ 16,315.14 | \$ 382,683.26 | \$ - | \$ - | \$ 2,075,253.69 | \$ 909,065.95 | \$ 1,321,034.47 | \$ 891,615.93 | \$ 26,136.45 | \$ - | \$ 101,468.69 | \$ 1,393,794.80 | \$ 7,117,368.38 | |

| | |
|---|-----------------|
| Cost of Purchased Power Deferred in Reg Asset (thru June 2022 only) | \$ 3,383,318.04 |
| Annual Benchmark Included in Base Rates | \$ 1,609,963.00 |
| Annual Over/Under Benchmark | \$ 1,773,355.04 |

| Description | 2021 ACTUALS Per FAC Filing Schedule 6 | | | | | | | | | | | | YTD |
|---|--|------|--------------|---------------|------|--------------|-----------------|-----------------|-----------------|------|------|---------------|-----------------|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |
| Cost of Purchased Power due to Forced Outage | \$ 1,267,276.21 | \$ - | \$ 31,772.17 | \$ 311,689.73 | \$ - | \$ 91,956.78 | \$ 1,023,872.08 | \$ 3,555,798.70 | \$ 1,786,625.98 | \$ - | \$ - | \$ 190,400.08 | \$ 8,259,391.73 |
| Cost of Purchased Power Recovered Through FAC | \$ 875,049.67 | \$ - | \$ 31,259.18 | \$ 198,176.59 | \$ - | \$ 46,701.10 | \$ 524,128.57 | \$ 1,814,872.94 | \$ 1,060,259.05 | \$ - | \$ - | \$ 123,617.55 | \$ 4,674,064.65 |
| Cost of Purchased Power Deferred in Reg Asset | \$ 392,226.54 | \$ - | \$ 512.99 | \$ 113,513.14 | \$ - | \$ 45,255.68 | \$ 499,743.51 | \$ 1,740,925.76 | \$ 726,366.93 | \$ - | \$ - | \$ 66,782.53 | \$ 3,585,327.08 |

| | |
|---|-----------------|
| Annual Benchmark Included in Base Rates | \$ 1,609,963.00 |
| Annual Over/Under Benchmark | \$ 1,975,364.08 |

| Description | 2020 ACTUALS Per FAC Filing Schedule 6 | | | | | | | | | | | | YTD |
|---|--|------|---------------|------|------|---------------|---------------|------|------|------|--------------|------|-----------------|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |
| Cost of Purchased Power due to Forced Outage | \$ - | \$ - | \$ 144,837.03 | \$ - | \$ - | \$ 816,293.24 | \$ 143,343.80 | \$ - | \$ - | \$ - | \$ 52,901.22 | \$ - | \$ 1,157,375.29 |
| Cost of Purchased Power Recovered Through FAC | \$ - | \$ - | \$ 144,837.03 | \$ - | \$ - | \$ 816,293.24 | \$ 128,780.20 | \$ - | \$ - | \$ - | \$ 51,016.98 | \$ - | \$ 1,140,927.45 |
| Cost of Purchased Power Deferred in Reg Asset | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 14,563.60 | \$ - | \$ - | \$ - | \$ 1,884.24 | \$ - | \$ 16,447.84 |

| | |
|---|-------------------|
| Annual Benchmark Included in Base Rates | \$ 1,609,963.00 |
| Annual Over/Under Benchmark | \$ (1,593,515.16) |

| Description | 2019 ACTUALS Per FAC Filing Schedule 6 | | | | | | | | | | | | YTD |
|---|--|------|------|---------------|---------------|-------------|------|------|------|-----------------|--------------|------|-----------------|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |
| Cost of Purchased Power due to Forced Outage | \$ - | \$ - | \$ - | \$ 749,274.73 | \$ 135,015.21 | \$ 7,537.39 | \$ - | \$ - | \$ - | \$ 1,647,063.71 | \$ 11,103.53 | \$ - | \$ 2,549,994.57 |
| Cost of Purchased Power Recovered Through FAC | \$ - | \$ - | \$ - | \$ 473,947.69 | \$ 83,722.42 | \$ 7,537.39 | \$ - | \$ - | \$ - | \$ 959,857.20 | \$ 11,103.53 | \$ - | \$ 1,536,168.23 |
| Cost of Purchased Power Deferred in Reg Asset | \$ - | \$ - | \$ - | \$ 275,327.04 | \$ 51,292.79 | \$ - | \$ - | \$ - | \$ - | \$ 687,206.51 | \$ - | \$ - | \$ 1,013,826.34 |

| | |
|---|-----------------|
| Annual Benchmark Included in Base Rates | \$ 1,609,963.00 |
| Annual Over/Under Benchmark | \$ (596,136.66) |

| Description | 2018 ACTUALS Per FAC Filing Schedule 6 | | | | | | | | | | | | YTD |
|---|--|--------|--------|--------|------|---------------|---------------|---------------|---------------|-----------------|--------------|--------------|-----------------|
| | Jan ** | Feb ** | Mar ** | Apr ** | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |
| Cost of Purchased Power due to Forced Outage | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 666,710.25 | \$ 209,083.67 | \$ 522,454.77 | \$ 262,616.72 | \$ 1,784,016.11 | \$ 27,253.17 | \$ 30,042.74 | \$ 3,502,177.43 |
| Cost of Purchased Power Recovered Through FAC | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 493,488.28 | \$ 102,904.34 | \$ 275,505.10 | \$ 141,821.90 | \$ 940,757.33 | \$ 16,044.98 | \$ 19,154.88 | \$ 1,989,676.81 |
| Cost of Purchased Power Deferred in Reg Asset | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 173,221.97 | \$ 106,179.33 | \$ 246,949.67 | \$ 120,794.82 | \$ 843,258.78 | \$ 11,208.19 | \$ 10,887.86 | \$ 1,512,500.62 |

| | |
|---|-----------------|
| Annual Benchmark Included in Base Rates | \$ 1,155,631.44 |
| Annual Over/Under Benchmark | \$ 356,869.18 |

| | |
|-----------------------------------|--------------|
| 2018 prorated for April 14-Dec 31 | # of Days |
| April | 17 |
| May | 31 |
| June | 30 |
| July | 31 |
| Aug | 31 |
| Sept | 30 |
| Oct | 31 |
| Nov | 30 |
| Dec | 31 |
| | <u>262</u> |
| Total days in a year | 365 |
| 262 / 365 = | 72% |
| Amount in base rates (annual) | \$ 1,609,963 |
| 2018 prorated for April 14-Dec 31 | \$ 1,155,631 |

General Ledger Reconciliation

| | |
|---------------------------------------|-----------------|
| Annual Deferrals Over/Under Benchmark | \$ 1,915,936.48 |
| General Ledger Balance as of 6/30/22 | 1,819,459.83 |
| Variance | \$ 96,476.65 |

Reconciliation for entries recorded after June 30, 2022:

| | |
|--|--------------|
| Prior Period Correction of Forced Outage Purchased Power | \$ 60,742.47 |
| Correction of Annual Benchmark Compared to Order | (94,369.56) |
| Updated May expense month | 9,290.43 |
| Updated June expense month | (72,139.99) |
| Variance | \$ (0.00) |

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

PUBLIC AG-DR-02-056

REQUEST:

Refer to the Direct Testimony of Lisa Steinkuhl (“Steinkuhl Testimony”), at 18 – 19, wherein she states that the Company seeks approximately \$7.177 million in annual planned outage expense and \$1.610 million in non-FAC forced outage expense in the base revenue requirement in this proceeding, which are the same amounts that were allowed in the prior base rate case proceeding.

- a. Confirm that these are the amounts reflected in the test year per books expense.
- b. Provide the Company’s calculation of the per books planned outage and forced outage regulatory assets at month end from December 2022 through December 2024, including the monthly authorized expense deferrals that reduce the regulatory assets and the monthly charges for actual costs that increase the regulatory assets. Provide all support for the Company’s calculations of these amounts and provide a description of all planned outages by unit and by month and the assumptions regarding forced outages by unit and by month.
- c. Provide the schedule/workpaper in Excel live format with all formulas intact used to calculate the \$7.177 million and \$1.610 million amounts reflected in the prior base rate case proceeding.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET

- a. Confirmed. These are the amounts reflected in the test year.
- b. The planned outage O&M expense included in the forecast is adjusted to the amount approved by the Commission to be included in base rates. Please see AG-DR-02-056 Confidential Attachment 1 for the Planned Outage Maintenance expense for January 2023 through December 2024 including a description of the planned outages for the period by unit.

The generation model forecasts the total purchased power for the forecasted period. The revenue requirement synchronizes the fuel cost revenue and fuel and purchased power expense. Forced outage purchased power which is not recoverable in the Fuel Adjustment Clause (FAC) is included in the revenue requirement through the fuel synchronization proforma adjustments. See the table below showing \$1,609,964 of forced outage purchased power included in the revenue requirement. The forced outage purchased power included in the revenue requirement is based on historical forced outage purchases, not on anything included in the forecast.

| | | | Forecasted Period | D-2.20 - Eliminate Off system Sales | D-2.16 - Fuel Synchronization | Pro Forma Forecasted Period |
|---------|---------|----------------------------------|-------------------|-------------------------------------|-------------------------------|-----------------------------|
| Sch C-2 | Line 3 | Fuel Cost Revenue | 128,436,309 | | (125,466) | 128,310,843 |
| Sch C-2 | line 10 | Fuel and Purchased Power Expense | 133,569,529 | (3,763,221) | 114,499 | 129,920,807 |
| | | Revenue/(Expense) | (5,133,220) | 3,763,221 | (239,965) | (1,609,964) |

The Company does not forecast the regulatory asset balances for planned outage O&M or forced outage purchased power.

- c. The amounts allowed in the prior base rate case proceeding, Case No. 2019-00271, for both planned outage O&M and forced outage purchased power are the same

amounts originally approved in Case No. 2017-00321. Please see AG-DR-02-056 Attachment 2 for the schedule/workpaper in excel format supporting the \$7.177 million of planned outage O&M which was the average of four historical and four projected years, 2014 through 2021. This was the response to STAFF-POST HEARING-DR-01-012 in Case No. 2017-00321. Please see AG-DR-02-056 Confidential Attachment 3 for an updated calculation for the average of four historical and four projected years, 2018 through 2025. The total normalized planned outage O&M is [REDACTED] million which is [REDACTED] million higher than previously approved. The Company did not include the increase in this proceeding.

See the table below for the calculation of \$1.610 million for the forced outage purchased power approved in Case No. 2017-00321 which was based on three years of actual forced outage purchased power for 2015 through 2017.¹

| Forced Outage Purchased Power | |
|-------------------------------|--------------------|
| | Actual |
| 2015 | 1,294,000 |
| 2016 | 1,748,000 |
| 2017 | <u>1,788,000</u> |
| | \$4,830,000 |
| 3-Year Average | <u>\$1,610,000</u> |

See the table below for an updated calculation for the three-year average of historical amounts for 2019 through 2021. The three-year average of total forced outage purchased power is \$1.539 million which is \$0.071 million lower than previously

¹ *In re Application of Duke Energy Kentucky, Inc., for: 1) An adjustment of the Electric Rates; 2) Approval of an Environmental Compliance Plan and Surcharge Mechanism; 3) Approval of New Tariffs; 4) Approval of Accounting Practices to Establish Regulatory Assets and Liabilities; and 5) All Other Required Approvals and Relief; Case No. 2017-00321, pg. 16, (Ky.P.S.C. Order) (Apr. 13, 2018); citing Direct Testimony of Lane Kollen at 11.*

approved. The Company did not include the decrease in this proceeding.

| Forced Outage Purchased Power | |
|-------------------------------|--------------------|
| | Actual |
| 2019 | 1,013,826 |
| 2020 | 16,448 |
| 2021 | <u>3,585,327</u> |
| | \$4,615,601 |
| 3-Year Average | <u>\$1,538,534</u> |

PERSON RESPONSIBLE: Lisa D. Steinkuhl – a., b., c.
Grady “Tripp” S. Carpenter – b.
William C. Luke – b.

**CONFIDENTIAL PROPRIETARY TRADE
SECRET**

**AG-DR-02-056
CONFIDENTIAL ATTACHMENT 1**

FILED UNDER SEAL

DUKE ENERGY KENTUCKY
 ELECTRIC DEPARTMENT
 CASE NO. 2017-00321 Staff-Post Hearing-DR-01-012
 NORMALIZATION OF PLANNED OUTAGE O&M

| <u>Year</u> | <u>Description</u> | <u>East Bend</u> | <u>Woodsdale</u> | <u>Total</u> | <u>CPI 2017= 100 (A)</u> | <u>Total</u> |
|-------------------------------------|--------------------|------------------|------------------|---------------------|----------------------------------|---------------------|
| 2014 | Planned Outage O&M | 14,062,894 | 0 | \$ 14,062,894 | 95.2% | \$ 14,771,947 |
| 2015 | Planned Outage O&M | 2,868,053 | 0 | 2,868,053 | 95.9% | 2,990,670 |
| 2016 | Planned Outage O&M | 8,897,520 | 2,271,112 | 11,168,632 | 97.9% | 11,408,204 |
| 2017 | Planned Outage O&M | 1,311,909 | 1,925,645 | 3,237,554 | 100.0% | 3,237,554 |
| 2018 | Planned Outage O&M | 12,113,096 | 0 | 12,113,096 | 100.0% | 12,113,096 |
| 2019 | Planned Outage O&M | 0 | 0 | 0 | 100.0% | 0 |
| 2020 | Planned Outage O&M | 5,610,579 | 838,384 | 6,448,963 | 100.0% | 6,448,963 |
| 2021 | Planned Outage O&M | 6,448,963 | 0 | 6,448,963 | 100.0% | 6,448,963 |
| 8 Year Average | | | | <u>\$ 7,043,519</u> | | <u>\$ 7,177,425</u> |
| Total Normalized Planned Outage O&M | | | | | | \$ 7,177,425 |

| <u>Line No.</u> | <u>Year</u> | <u>Consumer Price Index (A)</u> | <u>CPI 2016=100 Col. 2 / 246.7</u> |
|---------------------|-------------|---|--|
| 1 | 2014 | 234.8 | 95.2% |
| 2 | 2015 | 236.5 | 95.9% |
| 3 | 2016 | 241.4 | 97.9% |
| 4 | 2016 | 246.7 | 100.0% |

(A) Prepared by Bureau of Labor Statistics - Consumer Price Index - All Urban Consumers - Table 24

**CONFIDENTIAL PROPRIETARY TRADE
SECRET**

**AG-DR-02-056
CONFIDENTIAL ATTACHMENT 3**

FILED UNDER SEAL

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-057

REQUEST:

Refer to the Excel spreadsheet Attachment 1 in Duke Kentucky's response to the Attorney General's First Request, Item 127, which provides the following actual payroll dollars separated between expense, capital, and other for Duke Kentucky (Electric) for the years 2018 through 2022 and a similar separation for the 2023 budget:

| | <u>Expense</u> | <u>Capital</u> | <u>Other</u> | <u>Total</u> |
|-------------|----------------|----------------|--------------|--------------|
| 2018 Actual | \$21,136,742 | \$12,951,914 | \$1,338,321 | \$35,426,977 |
| 2019 Actual | \$19,664,629 | \$13,817,118 | \$1,414,929 | \$34,896,676 |
| 2020 Actual | \$19,842,335 | \$13,070,782 | \$673,612 | \$33,586,730 |
| 2021 Actual | \$19,296,264 | \$12,880,200 | \$589,087 | \$32,765,551 |
| 2022 Actual | \$19,508,501 | \$12,681,037 | \$344,082 | \$32,533,620 |
| 2023 Budget | \$25,478,979 | \$10,938,838 | \$999,915 | \$37,417,732 |

Refer also to Schedule G-1 in the Company's Application that reflects the following amounts of labor dollar expense in the base period and the forecast test year period.

| | |
|-----------------|--------------|
| Base Period | \$25,445,029 |
| Forecast Period | \$25,155,941 |

a. Provide the total payroll dollars for the base period and the forecast period broken down in the format above between expense, capital, and other.

b. Explain all reasons why the level of payroll expense remained relatively flat and under \$20 million per year throughout the actual years 2019 through 2022 and

increased from \$19,508,501 in 2022 to \$25,478,979 in the 2023 budget, an increase of approximately 30.6%.

c. If the actual data above excludes any payroll dollars associated with cost categories such as unproductive time (holidays, vacation, sick time), provide the data in the same format including those cost categories.

d. Explain all reasons why the level of payroll capitalized remained relatively flat and between \$12.6 million and \$13.9 million throughout the actual years 2018 through 2022 and decreased from \$12,681,037 in 2022 to \$10,938,838 in the 2023 budget, a decrease of approximately 37.4%.

e. Provide a breakdown of the 2018 through 2022 actual, 2023 budget, base period, and forecast period Duke Kentucky payroll expense separated between costs associated with Duke Kentucky electric employees, allocated costs from DEBS employees, and allocations from all other affiliate employees.

RESPONSE:

a. See the table below for payroll labor cost, including unproductive time, for Duke Energy Kentucky (Electric) for the base period. This level of detail is not available for the forecast period.

| | Payroll Labor Costs (Base Period) | | | Total |
|----------------|-----------------------------------|-------------|-----------|-------------|
| | Expense | Capital | Other | |
| March 2022 | \$1,967,720 | \$1,283,858 | \$640,987 | \$3,892,565 |
| April 2022 | \$1,871,189 | \$1,243,896 | \$86,330 | \$3,201,415 |
| May 2022 | \$1,927,369 | \$1,203,415 | \$87,561 | \$3,218,345 |
| June 2022 | \$1,874,853 | \$1,294,611 | \$95,279 | \$3,264,743 |
| July 2022 | \$2,549,161 | \$1,306,993 | \$105,220 | \$3,961,374 |
| August 2022 | \$1,945,641 | \$1,245,473 | \$88,454 | \$3,279,568 |
| September 2022 | \$2,023,198 | \$933,600 | \$81,263 | \$3,038,061 |
| October 2022 | \$1,999,999 | \$971,244 | \$81,243 | \$3,052,486 |
| November 2022 | \$2,003,712 | \$953,428 | \$81,256 | \$3,038,396 |

| | | | | |
|---------------|---------------------|---------------------|--------------------|---------------------|
| December 2022 | \$2,401,825 | \$1,017,896 | \$90,277 | \$3,509,998 |
| January 2023 | \$2,989,853 | \$839,758 | \$79,327 | \$3,908,938 |
| February 2023 | \$1,890,509 | \$811,858 | \$79,547 | \$2,781,914 |
| Total | \$25,445,029 | \$13,106,029 | \$1,596,744 | \$40,147,802 |

b. The amounts provided in the response to AG-DR-01-127 Attachment 1 for 2018 through 2022 actual periods did not include unproductive payroll expense while the amounts provided for the 2023 budget in the same response did include unproductive payroll expense. When unproductive payroll expense is included in 2022 actuals the total expense amount is \$22,946,315. While these amounts represent internal company labor costs only, it is important to note that contingent worker labor costs decrease significantly from 2022 actual to 2023 budget. 2022 actual contingent labor expense was \$22,038,041 and 2023 budget is \$14,872,727. See table below.

| Cost Type | 2022 Actual | 2023 Budget | Percentage Change |
|---------------------------|------------------------|------------------------|------------------------------|
| Duke Labor Expense | \$22,946,315 | \$25,478,979 | 11.0% |
| Contingent Worker Expense | \$22,038,041 | \$14,872,727 | -32.5% |
| Total | \$44,984,355 | \$40,351,706 | -10.3% |

c. Please see AG-DR-02-057(c) Attachment for the amounts for 2018 through 2022 actual periods above updated to include unproductive time which was not included in the original response to AG-DR-01-127 Attachment 1.

d. The amounts provided in the response to AG-DR-01-127 Attachment 1 for 2018 through 2022 actual periods did not include unproductive payroll dollars while the amounts provided for the 2023 budget in the same response did include unproductive payroll dollars. When unproductive payroll is included in 2022 actuals the total capitalized amount is \$14,581,153. These amounts represent internal company labor costs only. It is important to note that contingent worker labor costs increase significantly from 2022 actual

to 2023 budget. See the table below for the total capitalized internal and contingent worker labor for 2022 Actual and 2023 Budget. Total capitalized internal and contract labor is increasing, which is consistent with the overall increase in the capital budget.

| Cost Type | 2022 Actual | 2023 Budget | Percentage Change |
|---|------------------------|------------------------|------------------------------|
| Duke Labor Capitalized Contingent Worker | \$14,581,153 | \$10,938,838 | -25.0% |
| Capitalized | \$28,102,500 | \$44,600,651 | 58.7% |
| Total | \$42,683,653 | \$55,539,489 | 30.1% |

e. Please see AG-DR-02-057(e) Attachment for the payroll expense separated between costs associated with Duke Energy Kentucky electric employees, allocated costs from DEBS employees, and allocations from all other affiliated employees. Dollars include unproductive to be consistent with Schedule G-1 and part c. of this response.

PERSON RESPONSIBLE: Grady “Tripp” Carpenter – a., b., d., e.
Jacob J. Stewart – a., c., d., e.

Duke Energy Kentucky - Electric Operations

| | Payroll Labor Costs (Budget 2023) | | | |
|--------------|-----------------------------------|----------------------|-------------------|----------------------|
| | Expense | Capital | Other deferred | Total |
| January | \$ 3,631,093 | \$ 836,444 | \$ 79,306 | \$ 4,546,843 |
| February | \$ 1,864,745 | \$ 808,544 | \$ 79,527 | \$ 2,752,815 |
| March | \$ 1,889,057 | \$ 875,564 | \$ 81,734 | \$ 2,846,355 |
| April | \$ 1,933,443 | \$ 864,369 | \$ 82,270 | \$ 2,880,082 |
| May | \$ 1,934,596 | \$ 875,213 | \$ 82,251 | \$ 2,892,060 |
| June | \$ 2,150,608 | \$ 874,777 | \$ 91,978 | \$ 3,117,364 |
| July | \$ 2,057,263 | \$ 1,027,301 | \$ 82,167 | \$ 3,166,731 |
| August | \$ 1,928,844 | \$ 947,824 | \$ 82,387 | \$ 2,959,055 |
| September | \$ 1,931,606 | \$ 917,570 | \$ 82,253 | \$ 2,931,429 |
| October | \$ 1,927,645 | \$ 956,431 | \$ 82,233 | \$ 2,966,309 |
| November | \$ 1,940,294 | \$ 954,429 | \$ 82,245 | \$ 2,976,968 |
| December | \$ 2,289,785 | \$ 1,000,371 | \$ 91,565 | \$ 3,381,721 |
| Total | \$ 25,478,979 | \$ 10,938,838 | \$ 999,915 | \$ 37,417,732 |

| Payroll Labor Costs (2022) | | | | | |
|-----------------------------------|----------------------|----------------------|-----------------------|--------------|-------------------|
| | Expense | Capital | Other deferred | Total | |
| January | \$ 1,796,696 | \$ 1,027,389 | \$ 86,773 | \$ | 2,910,858 |
| February | \$ 1,930,783 | \$ 1,165,947 | 84,624 | \$ | 3,181,354 |
| March | \$ 1,912,450 | \$ 1,283,858 | 88,643 | \$ | 3,284,951 |
| April | \$ 1,826,093 | \$ 1,243,896 | 86,330 | \$ | 3,156,318 |
| May | \$ 1,865,278 | \$ 1,203,415 | 87,561 | \$ | 3,156,255 |
| June | \$ 1,819,265 | \$ 1,294,611 | 95,471 | \$ | 3,209,347 |
| July | \$ 2,451,447 | \$ 1,306,993 | 105,399 | \$ | 3,863,839 |
| August | \$ 1,851,000 | \$ 1,245,473 | 88,638 | \$ | 3,185,110 |
| September | \$ 1,738,849 | \$ 1,321,147 | 81,782 | \$ | 3,141,778 |
| October | \$ 1,910,469 | \$ 1,176,678 | 27,260 | \$ | 3,114,408 |
| November | \$ 1,779,934 | \$ 1,207,145 | 90,188 | \$ | 3,077,267 |
| December | \$ 2,064,051 | \$ 1,104,602 | 100,975 | \$ | 3,269,628 |
| Total | \$ 22,946,315 | \$ 14,581,153 | \$ 1,023,644 | \$ | 38,551,112 |

| Payroll Labor Costs (2021) | | | | | |
|-----------------------------------|----------------------|----------------------|-----------------------|--------------|-------------------|
| | Expense | Capital | Other deferred | Total | |
| January | \$ 1,861,927 | \$ 1,032,736 | \$ 101,012 | \$ | 2,995,674 |
| February | \$ 1,815,345 | \$ 1,165,748 | 76,653 | \$ | 3,057,745 |
| March | \$ 1,761,453 | \$ 1,331,324 | 75,207 | \$ | 3,167,984 |
| April | \$ 1,788,705 | \$ 1,209,805 | 83,069 | \$ | 3,081,579 |
| May | \$ 1,850,277 | \$ 1,249,084 | 93,293 | \$ | 3,192,653 |
| June | \$ 1,847,472 | \$ 1,153,676 | 110,758 | \$ | 3,111,906 |
| July | \$ 2,249,480 | \$ 1,366,731 | 97,654 | \$ | 3,713,866 |
| August | \$ 1,718,441 | \$ 1,165,852 | 188,099 | \$ | 3,072,393 |
| September | \$ 1,863,017 | \$ 1,236,412 | 90,167 | \$ | 3,189,596 |
| October | \$ 1,815,255 | \$ 1,275,359 | 115,837 | \$ | 3,206,451 |
| November | \$ 1,790,428 | \$ 1,562,429 | 129,467 | \$ | 3,482,324 |
| December | \$ 2,218,018 | \$ 1,550,044 | 82,340 | \$ | 3,850,401 |
| Total | \$ 22,579,818 | \$ 15,299,197 | \$ 1,243,555 | \$ | 39,122,571 |

| Payroll Labor Costs (2020) | | | | | |
|-----------------------------------|----------------------|----------------------|-----------------------|--------------|-------------------|
| | Expense | Capital | Other deferred | Total | |
| January | \$ 2,258,477 | \$ 1,337,082 | \$ 153,919 | \$ | 3,749,478 |
| February | \$ 1,742,139 | \$ 1,229,949 | 127,460 | \$ | 3,099,547 |
| March | \$ 1,814,428 | \$ 1,259,682 | 145,361 | \$ | 3,219,471 |
| April | \$ 1,863,619 | \$ 1,301,940 | 87,251 | \$ | 3,252,811 |
| May | \$ 1,833,703 | \$ 1,182,355 | 23,087 | \$ | 3,039,145 |
| June | \$ 1,905,191 | \$ 1,202,613 | 117,626 | \$ | 3,225,430 |
| July | \$ 2,247,144 | \$ 1,398,184 | 96,262 | \$ | 3,741,589 |
| August | \$ 1,809,167 | \$ 1,205,557 | 74,615 | \$ | 3,089,339 |
| September | \$ 1,880,215 | \$ 1,237,786 | 96,661 | \$ | 3,214,662 |
| October | \$ 1,854,271 | \$ 1,218,984 | 112,780 | \$ | 3,186,035 |
| November | \$ 1,826,996 | \$ 1,339,421 | 111,154 | \$ | 3,277,571 |
| December | \$ 2,294,341 | \$ 1,345,193 | 115,987 | \$ | 3,755,520 |
| Total | \$ 23,329,692 | \$ 15,258,745 | \$ 1,262,161 | \$ | 39,850,598 |

| Payroll Labor Costs (2019) | | | | | |
|-----------------------------------|----------------------|----------------------|-----------------------|--------------|-------------------|
| | Expense | Capital | Other deferred | Total | |
| January | \$ 1,831,216 | \$ 1,157,033 | \$ 170,040 | \$ | 3,158,289 |
| February | \$ 1,758,139 | \$ 1,227,849 | \$ 164,509 | \$ | 3,150,497 |
| March | \$ 2,200,173 | \$ 1,556,205 | \$ 193,543 | \$ | 3,949,922 |
| April | \$ 1,970,891 | \$ 1,309,380 | \$ 191,760 | \$ | 3,472,031 |
| May | \$ 1,927,381 | \$ 1,307,252 | \$ 182,724 | \$ | 3,417,357 |
| June | \$ 1,827,007 | \$ 1,364,510 | \$ 203,465 | \$ | 3,394,982 |
| July | \$ 1,899,069 | \$ 1,262,712 | \$ 188,911 | \$ | 3,350,692 |
| August | \$ 2,228,186 | \$ 1,684,189 | \$ 203,352 | \$ | 4,115,727 |
| September | \$ 1,816,478 | \$ 1,254,641 | \$ 186,001 | \$ | 3,257,120 |
| October | \$ 1,862,113 | \$ 1,259,274 | \$ 202,393 | \$ | 3,323,781 |
| November | \$ 1,852,011 | \$ 1,316,283 | \$ 190,256 | \$ | 3,358,550 |
| December | \$ 1,796,451 | \$ 1,057,181 | \$ 195,722 | \$ | 3,049,355 |
| Total | \$ 22,969,117 | \$ 15,756,510 | \$ 2,272,676 | \$ | 40,998,302 |

| | Payroll Labor Costs (2018) | | | |
|--------------|-----------------------------------|----------------------|-----------------------|----------------------|
| | Expense | Capital | Other deferred | Total |
| January | \$ 1,983,256 | \$ 958,201 | \$ 115,439 | \$ 3,056,896 |
| February | \$ 1,816,104 | \$ 1,126,723 | \$ 204,619 | \$ 3,147,446 |
| March | \$ 2,569,196 | \$ 1,617,301 | \$ 222,039 | \$ 4,408,535 |
| April | \$ 1,994,746 | \$ 1,514,417 | \$ 157,381 | \$ 3,666,543 |
| May | \$ 2,043,774 | \$ 1,393,072 | \$ 160,082 | \$ 3,596,928 |
| June | \$ 2,262,123 | \$ 1,352,650 | \$ 171,404 | \$ 3,786,176 |
| July | \$ 1,940,380 | \$ 1,112,381 | \$ 159,921 | \$ 3,212,682 |
| August | \$ 2,088,554 | \$ 1,377,266 | \$ 179,522 | \$ 3,645,342 |
| September | \$ 1,952,157 | \$ 1,124,403 | \$ 165,219 | \$ 3,241,779 |
| October | \$ 1,837,690 | \$ 1,098,904 | \$ 161,802 | \$ 3,098,396 |
| November | \$ 2,035,370 | \$ 1,045,988 | \$ 164,861 | \$ 3,246,219 |
| December | \$ 1,812,425 | \$ 1,073,704 | \$ 268,348 | \$ 3,154,477 |
| Total | \$ 24,335,774 | \$ 14,795,011 | \$ 2,130,634 | \$ 41,261,419 |

Duke Energy Kentucky - Electric Only

For the years ending 2018 - 2023

| | DEK | DEO | DEBS | Other Affiliates | Total |
|---------------|------------|------------|-------------|-------------------------|--------------|
| 2018 (Actual) | 9,131,233 | 717,540 | 12,149,207 | 2,337,794 | 24,335,774 |
| 2019 (Actual) | 8,008,898 | 861,518 | 11,644,594 | 2,454,106 | 22,969,117 |
| 2020 (Actual) | 8,268,223 | 879,459 | 11,814,079 | 2,367,931 | 23,329,692 |
| 2021 (Actual) | 7,922,869 | 947,264 | 11,230,281 | 2,479,404 | 22,579,818 |
| 2022 (Actual) | 8,108,879 | 934,765 | 11,201,018 | 2,701,654 | 22,946,316 |
| 2023 (Budget) | 8,948,716 | 624,775 | 12,966,759 | 2,938,729 | 25,478,979 |

For the Base Period March 2022 - February 2023

| DEK | DEO | DEBS | Other Affiliates | Total |
|------------|------------|-------------|-------------------------|--------------|
| 8,676,782 | 1,009,727 | 12,668,147 | 3,090,373 | 25,445,029 |

For the Forecast Period July 2023 - June 2024

| DEK | DEO | DEBS | Other Affiliates | Total |
|------------|------------|-------------|-------------------------|--------------|
| 9,249,006 | 530,238 | 12,833,720 | 2,542,976 | 25,155,941 |

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

PUBLIC AG-DR-02-058

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 154(a).

- a. Provide a description of each of the variables listed for the residential class.
- b. Provide the data used for each of the variables listed for the residential class

in live Excel format with the source(s) identified.

RESPONSE:

- a. Descriptions of each of the variables listed for the residential class are as follows:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

b. This data used for each of the variables listed for the residential class can be found in the Company's response to the Attorney General's First Set Data Requests,

Item 154, 'Data' tab in the 'AG-DR-01-154 Confidential Attachment 1' Excel workbook.

The sources are as follows:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

PERSON RESPONSIBLE: Max W. McClellan

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

AG-DR-02-059

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 155.

a. Provide the actual number of customers by class for each month September 2022 through the most recent month for which the actual number of customers is available.

b. Provide the actual retail revenues by class for each month September 2022 through the most recent month for which the actual revenues are available.

c. Provide the actual usage per customer by class for each month September 2022 through the most recent month for which the actual revenues are available.

d. Confirm that the Company calculates retail sales and base revenues, excluding fuel, on a weather normalized basis in order to assess how its sales and revenues were affected by weather as opposed to other factors. If confirmed, then describe the frequency (periodicity) of these calculations, e.g., monthly, quarterly, annually, and describe in detail the manner in which it makes these calculations. Provide a copy of all documentation of this process, including an Excel workbook in live format with all formulas intact, if available.

e. Confirm that the Company publicly reports the effect(s) of weather on its retail sales and base revenues, excluding fuel, compared to its actual sales and base revenues, excluding fuel, in its annual reports to shareholders and the SEC. Identify all other forums where such information is posted or otherwise publicly available.

f. Provide the Company's retail sales and base revenues, excluding fuel, on a weather normalized basis for each calendar year 2018 through 2022, each month in 2022, and each month in 2023 for which actual information is available.

RESPONSE:

a. Please see AG-DR-02-059(a) Attachment updated with the actual number of customers by class for each month September 2022 through January 2023.

b. Please see table below for the actual retail revenues by class for each month September 2022 through January 2023.

| 1 SALES BY | <u>Sep-22</u> | <u>Oct-22</u> | <u>Nov-22</u> | <u>Dec-22</u> | <u>Jan-23</u> |
|----------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 2 <u>CLASS</u> | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) |
| 3 RETAIL - | | | | | |
| 4 RESIDENTIAL | \$ 15,720,676 | \$ 14,512,662 | \$ 11,938,112 | \$ 22,578,516 | \$ 20,997,982 |
| 5 COMMERCIAL | 13,803,375 | 13,986,058 | 12,810,496 | 15,746,097 | 17,118,257 |
| 6 INDUSTRIAL | 7,692,224 | 7,725,365 | 4,728,938 | 7,844,990 | 7,268,939 |
| 7 LIGHTING | 495,536 | 210,462 | 159,507 | 184,282 | 182,019 |
| 8 OPA | <u>2,308,602</u> | <u>2,478,944</u> | <u>1,509,319</u> | <u>2,813,595</u> | <u>1,682,869</u> |
| 9 TOTAL RETAIL | <u>\$ 40,020,412</u> | <u>\$ 38,913,492</u> | <u>\$ 31,146,373</u> | <u>\$ 49,167,479</u> | <u>\$ 47,250,067</u> |

c. Please see AG-DR-02-059(a) Attachment updated with the actual usage per customer by class for each month September 2022 through January 2023.

d. Confirmed. Duke Energy Kentucky calculates retail sales and base revenues, net of fuel on a weather normalized basis monthly. This amount is calculated for both billed and unbilled sales. Weather factors supplied by Load Forecasting are multiplied by billed sales volumes to determine the weather normal volumes for billed sales. A similar calculation is performed for the unbilled volumes. The weather normal volumes are then priced out at the budgeted base rate to determine weather normal revenues excluding fuel.

Please refer to AG-DR-02-059(d) Attachment for a sample from December 2021.

e. Weather normal sales are developed to quantify the effects of the experienced variance from normal weather patterns. This serves to help explain earnings results. As such, it may be referenced in the Earnings Release, 10K and by extension the annual report. It is not referenced in FERC filings or the Duke Kentucky jurisdictional regulatory filings.

f. Please refer to AG-DR-02-059(f) Attachment. As of the time of the response, data for 2023 has not yet been calculated.

PERSON RESPONSIBLE: Danielle L. Weatherston

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2022-00372
 REVENUE STATISTICS-TOTAL COMPANY
 16 MONTHS ENDED JUNE 30, 2023

| | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Dec-22 | Jan-23 | Feb-23 | Mar-23 | Apr-23 | May-23 | Jun-23 | Total | Average |
|-----------------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------|
| | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Actual) | (Budget) | (Budget) | (Budget) | (Budget) | (Budget) | | |
| 1 NO. OF CUSTOMERS BY | | | | | | | | | | | | | | | | | | |
| 2 CLASS (YEAR-END) | | | | | | | | | | | | | | | | | | |
| 3 RETAIL - | | | | | | | | | | | | | | | | | | |
| 4 RESIDENTIAL | 132,247 | 134,353 | 134,347 | 134,510 | 134,722 | 134,794 | 134,728 | 135,106 | 135,183 | 135,292 | 135,728 | 132,930 | 133,135 | 132,656 | 133,204 | 132,540 | 2,145,475 | 134,092 |
| 5 COMMERCIAL | 14,198 | 12,630 | 12,607 | 12,660 | 12,672 | 12,664 | 12,671 | 12,678 | 12,685 | 12,671 | 12,671 | 13,940 | 13,962 | 13,918 | 13,976 | 13,906 | 210,514 | 13,157 |
| 6 INDUSTRIAL | 350 | 338 | 337 | 336 | 331 | 331 | 329 | 328 | 328 | 326 | 319 | 349 | 350 | 348 | 350 | 348 | 5,398 | 337 |
| 7 LIGHTING | 693 | 526 | 526 | 526 | 526 | 525 | 525 | 521 | 521 | 517 | 517 | 485 | 486 | 488 | 490 | 487 | 8,359 | 522 |
| 8 OPA | 895 | 914 | 909 | 909 | 903 | 898 | 898 | 896 | 895 | 894 | 894 | 924 | 925 | 924 | 924 | 924 | 14,480 | 905 |
| 9 TOTAL RETAIL | 148,383 | 148,761 | 148,726 | 148,941 | 149,154 | 149,212 | 149,141 | 149,519 | 149,602 | 149,695 | 150,119 | 148,628 | 148,858 | 148,334 | 148,948 | 148,205 | 2,384,226 | 149,014 |
| 10 | | | | | | | | | | | | | | | | | | |
| 11 KWH SALES BY | | | | | | | | | | | | | | | | | | |
| 12 CLASS | | | | | | | | | | | | | | | | | | |
| 13 RETAIL - | | | | | | | | | | | | | | | | | | |
| 14 RESIDENTIAL | 108,373,984 | 100,917,703 | 94,733,919 | 127,810,507 | 153,830,716 | 158,403,512 | 135,441,231 | 89,188,421 | 85,962,560 | 133,909,513 | 145,635,186 | 143,573,550 | 125,461,780 | 92,949,370 | 85,063,770 | 113,967,500 | 1,895,223,223 | |
| 15 COMMERCIAL | 104,693,591 | 61,940,501 | 111,714,028 | 81,788,008 | 187,701,747 | 156,155,298 | 146,887,085 | 104,617,393 | 111,001,943 | 110,285,947 | 135,295,873 | 125,673,090 | 120,418,370 | 117,042,390 | 118,771,100 | 133,946,880 | 1,927,933,242 | |
| 16 INDUSTRIAL | 54,196,864 | 23,632,740 | 47,605,705 | (27,830,418) | 164,732,942 | 92,372,091 | 89,593,967 | 66,608,908 | 44,341,520 | 64,604,050 | 64,341,034 | 63,768,840 | 62,636,800 | 63,210,600 | 62,603,620 | 67,422,600 | 1,003,841,862 | |
| 17 LIGHTING | 1,036,306 | 106,222 | 1,025,671 | 2,003,462 | 1,069,427 | (1,224,632) | 3,397,598 | 1,182,512 | 1,086,874 | 989,550 | 1,127,346 | 1,193,760 | 1,116,620 | 1,195,120 | 1,015,030 | 1,128,120 | 17,448,984 | |
| 18 OPA | 17,784,336 | 7,745,332 | 18,151,499 | (1,216,265) | 43,520,330 | 25,246,060 | 24,548,756 | 20,134,861 | 12,409,578 | 22,256,691 | 11,509,851 | 21,887,800 | 21,319,920 | 20,906,520 | 21,057,750 | 22,352,600 | 309,615,619 | |
| 19 TOTAL RETAIL | 286,085,081 | 194,342,498 | 273,230,820 | 162,555,293 | 550,855,162 | 430,952,329 | 399,868,637 | 281,732,094 | 254,802,475 | 332,045,752 | 357,909,289 | 356,097,040 | 330,953,490 | 295,304,000 | 288,511,270 | 338,817,700 | 5,154,062,930 | |

Duke Energy Kentucky
 Electric Gross Margin Analysis
 December 31, 2021
 Total Analysis

12 Q4

| | Analysis Actual to Budget Electric January 31, 2021 | Analysis Actual to Budget Electric February 28, 2021 | Analysis Actual to Budget Electric March 31, 2021 | Analysis Actual to Budget Electric April 30, 2021 | Analysis Actual to Budget Electric May 31, 2021 | Analysis Actual to Budget Electric June 30, 2021 | Analysis Actual to Budget Electric July 31, 2021 | Analysis Actual to Budget Electric August 31, 2021 | Analysis Actual to Budget Electric September 30, 2021 | Analysis Actual to Budget Electric October 31, 2021 | Analysis Actual to Budget Electric November 30, 2021 | Analysis Actual to Budget Electric December 31, 2021 | Analysis Actual to Budget Electric YTD |
|---|--|---|--|--|--|---|---|---|--|--|---|---|---|
| Retail Margin | | | | | | | | | | | | | |
| Weather | (\$382) | \$66 | (\$196) | \$32 | (\$9) | \$597 | (\$39) | \$888 | \$604 | \$612 | \$326 | (\$1,501) | \$998 |
| Volume | (\$727) | \$744 | \$259 | (\$449) | (\$408) | (\$396) | \$134 | \$203 | (\$707) | (\$427) | (\$828) | \$334 | (\$854) |
| Price | (\$36) | (\$566) | (\$1,009) | (\$1,133) | (\$1,068) | (\$223) | (\$259) | (\$205) | (\$1,176) | (\$1,174) | (\$749) | (\$296) | (\$8,793) |
| Tax Reform | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Riders | (\$1,994) | \$473 | \$235 | \$344 | (\$688) | (\$97) | \$769 | \$258 | (\$553) | (\$1,158) | (\$2,482) | (\$2,166) | (\$7,058) |
| Other | \$1,407 | \$174 | (\$750) | \$987 | (\$1,878) | (\$1,422) | \$1,263 | \$300 | \$1,210 | \$3,656 | \$6,402 | \$10,653 | \$21,702 |
| Sale of Electricity | (\$1,733) | \$891 | (\$2,361) | (\$518) | (\$4,051) | (\$1,540) | \$1,869 | \$1,444 | \$792 | \$1,509 | \$2,669 | \$7,025 | \$5,996 |
| Native Sales for resale | \$0 | \$0 | \$125 | \$0 | \$0 | \$1,936 | \$0 | \$3,615 | \$0 | \$0 | \$0 | \$1,432 | \$7,107 |
| Non Native Sales for resale | (\$699) | (\$106) | (\$2) | \$1,349 | \$1,311 | (\$2) | \$757 | \$50 | \$1,067 | (\$410) | (\$613) | (\$213) | \$2,259 |
| Other Revenue | \$461 | \$820 | \$1,039 | \$615 | \$819 | \$655 | \$963 | \$810 | \$301 | \$249 | \$710 | \$527 | \$7,971 |
| Rounding | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Operating Revenue Variance | (\$1,971) | \$1,606 | (\$1,199) | \$1,446 | (\$1,921) | \$1,807 | \$2,882 | \$3,321 | \$4,299 | \$1,146 | \$3,146 | \$8,771 | \$23,333 |
| Billed Riders | (\$1,197) | \$330 | (\$423) | \$421 | (\$322) | (\$317) | \$963 | (\$30) | (\$406) | (\$896) | (\$2,009) | (\$2,207) | (\$6,093) |
| Unbilled Riders | (\$798) | \$144 | \$657 | (\$76) | (\$366) | \$220 | (\$193) | \$288 | (\$146) | (\$263) | (\$473) | \$41 | (\$965) |
| Unbilled Other | \$2,529 | \$444 | \$687 | \$6,315 | (\$180) | (\$107) | (\$31) | (\$137) | \$197 | \$40 | (\$55) | \$295 | \$9,995 |
| Unbilled Realization - Price Variance | (\$1,999) | (\$392) | (\$1,186) | (\$6,399) | \$122 | \$230 | \$254 | (\$496) | (\$235) | \$74 | \$144 | (\$9,366) | (\$9,366) |
| Billed Realization - Price Variance | (\$576) | (\$628) | (\$1,419) | (\$1,057) | (\$1,019) | (\$639) | (\$467) | (\$331) | (\$886) | (\$988) | (\$777) | (\$745) | (\$9,532) |
| Reduction to federal income tax | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$111 |
| Tax Reform | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$111 |
| Reduction to federal income tax | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Billed Fuel Revenue | \$1,271 | \$2 | (\$305) | \$289 | (\$895) | (\$771) | \$1,164 | (\$370) | \$1,596 | \$380 | \$5,319 | \$9,045 | \$16,725 |
| Unbilled Fuel Revenue | (\$95) | \$132 | (\$394) | \$628 | (\$686) | (\$175) | \$1,094 | (\$648) | \$2,029 | \$1,342 | \$1,342 | \$1,572 | \$5,871 |
| Interdepartmental | \$2 | (\$2) | (\$0) | (\$1) | (\$1) | (\$4) | (\$2) | (\$2) | (\$1) | (\$1) | (\$1) | \$5 | (\$9) |
| Rounding | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Provision-Non Native | \$229 | \$42 | (\$51) | (\$228) | (\$296) | (\$276) | (\$421) | \$263 | (\$263) | \$348 | (\$257) | \$31 | (\$885) |
| Provision-Native | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Other Revenue- Non Native | (\$28) | (\$354) | (\$20) | (\$135) | (\$101) | (\$143) | (\$88) | (\$147) | (\$50) | (\$0) | (\$147) | (\$8) | (\$1,080) |
| Other Revenue- Native | \$488 | \$1,175 | \$1,059 | \$750 | \$783 | \$671 | \$925 | \$958 | \$348 | \$500 | \$714 | \$377 | \$8,728 |

Duke Energy Kentucky
 Electric Gross Margin Analysis
 December 31, 2021

Total Analysis - OS

| | TRUE 1 | TRUE 2 | TRUE 3 | TRUE 4 | TRUE 5 | TRUE 6 | TRUE 7 | TRUE 8 | TRUE 9 | TRUE 10 | TRUE 11 | TRUE 12 |
|--|---|--|---|---|---|--|--|--|---|---|--|--|
| | Q1 | Q1 | Q1 | Q2 | Q2 | Q2 | Q3 | Q3 | Q3 | Q4 | Q4 | Q4 |
| | Analysis Actual to Budget Electric January 31, 2021 | Analysis Actual to Budget Electric February 28, 2021 | Analysis Actual to Budget Electric March 31, 2021 | Analysis Actual to Budget Electric April 30, 2021 | Analysis Actual to Budget Electric May 31, 2021 | Analysis Actual to Budget Electric June 30, 2021 | Analysis Actual to Budget Electric July 31, 2021 | Analysis Actual to Budget Electric August 31, 2021 | Analysis Actual to Budget Electric September 30, 2021 | Analysis Actual to Budget Electric October 31, 2021 | Analysis Actual to Budget Electric November 30, 2021 | Analysis Actual to Budget Electric December 31, 2021 |
| Retail Margin | | | | | | | | | | | | |
| Billed Weather | (\$409) | \$66 | (\$196) | (\$312) | \$266 | \$458 | (\$96) | \$91 | \$348 | \$1,053 | \$445 | (\$485) |
| Billed Growth | \$86 | \$744 | \$259 | (\$402) | (\$890) | (\$327) | \$547 | \$232 | \$608 | (\$755) | (\$786) | \$413 |
| Riders | (\$1,197) | \$330 | \$423 | \$421 | (\$322) | \$963 | (\$406) | (\$30) | (\$406) | (\$2,009) | (\$2,009) | (\$2,207) |
| Billed Fuel Revenue | \$1,271 | \$2 | (\$305) | \$289 | (\$895) | (\$771) | \$1,164 | (\$370) | \$1,596 | \$380 | \$5,319 | \$9,045 |
| Interdepartmental Sales | \$2 | (\$2) | (\$0) | (\$1) | (\$1) | (\$4) | (\$2) | (\$2) | (\$1) | (\$1) | (\$1) | \$5 |
| Safe for Resale - Native | \$0 | \$0 | \$125 | \$0 | \$0 | \$1,936 | \$0 | \$0 | \$3,615 | \$0 | \$0 | \$1,432 |
| Safe for Resale - Non Native | (\$699) | (\$106) | (\$2) | \$1,349 | \$1,311 | \$757 | \$50 | \$1,067 | (\$410) | (\$613) | (\$233) | (\$213) |
| Other Electric Revenues - Native | \$488 | \$1,175 | \$1,059 | \$750 | \$763 | \$925 | \$671 | \$958 | \$348 | \$500 | \$714 | \$377 |
| Other Electric Revenues - Non Native | (\$28) | (\$354) | (\$20) | (\$135) | (\$101) | (\$143) | (\$88) | (\$147) | (\$50) | (\$0) | (\$7) | (\$8) |
| PJM Revenue | \$0 | (\$0) | \$1 | \$0 | \$157 | \$127 | \$126 | (\$1) | \$2 | (\$251) | \$3 | \$157 |
| Rider Non Native PSM/Provision for Revenue Reduct | \$229 | \$42 | (\$51) | (\$228) | (\$296) | (\$820) | (\$21) | (\$421) | \$263 | \$348 | (\$257) | \$31 |
| Provision for Revenue Reduction - Native | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Unbilled Weather | \$26 | \$0 | \$0 | \$344 | (\$275) | \$139 | \$47 | \$797 | (\$344) | (\$411) | (\$119) | (\$1,015) |
| Unbilled Growth | (\$813) | \$0 | \$0 | \$43 | \$272 | (\$69) | (\$413) | (\$29) | \$99 | \$329 | (\$42) | (\$79) |
| Unbilled Riders | (\$798) | \$144 | \$657 | (\$76) | (\$366) | \$220 | (\$193) | \$288 | (\$146) | (\$263) | (\$473) | \$41 |
| Unbilled Fuel Revenue | (\$95) | \$132 | (\$394) | \$628 | (\$686) | \$172 | (\$175) | \$1,094 | (\$648) | \$2,929 | \$1,342 | \$1,572 |
| Unbilled Other | \$2,529 | \$444 | \$687 | \$6,315 | (\$180) | (\$107) | (\$51) | (\$137) | \$197 | \$40 | (\$55) | \$295 |
| Tax Reform | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 | \$9 |
| Unbilled Realization - Price Variance (New Method) | (\$1,999) | (\$392) | (\$1,186) | (\$6,399) | \$122 | \$515 | \$230 | \$254 | (\$496) | (\$235) | \$74 | \$144 |
| Billed Realization - Price Variance (New Method) | (\$576) | (\$628) | (\$1,419) | (\$1,057) | (\$1,019) | (\$639) | (\$467) | (\$331) | (\$886) | (\$988) | (\$777) | (\$745) |
| Margin Variance | (\$1,971) | \$1,606 | (\$1,199) | \$1,446 | (\$1,921) | \$1,807 | \$2,882 | \$3,321 | \$4,299 | \$1,146 | \$3,146 | \$8,771 |
| Electric Margin (per Consolidating IS) | | | | | | | | | | | | |
| Actual | | | | | | | | | | | | |
| Electric Operating Revenues | 28,818,358 | 31,114,242 | 26,977,539 | 26,085,856 | 27,659,779 | 32,735,918 | 36,622,514 | 36,564,255 | 31,298,712 | 30,148,732 | 32,766,053 | 38,371,795 |
| Sales for Resale - Bulk Power | 1,841,653 | 1,274,063 | 741,991 | 1,349,403 | 1,609,616 | 2,737,502 | 464,441 | 1,101,120 | 3,628,463 | 68,643 | 55,396 | 1,480,508 |
| Other Electric Revenues | 649,539 | 1,100,927 | 1,320,021 | 895,504 | 1,099,447 | 935,459 | 1,243,986 | 1,090,917 | 581,530 | 529,094 | 990,866 | 807,830 |
| Margin | 30,709,539 | 33,489,232 | 29,039,551 | 28,330,763 | 30,368,842 | 36,408,878 | 38,330,941 | 38,756,202 | 35,508,705 | 30,747,369 | 33,812,315 | 40,630,133 |
| Budget | | | | | | | | | | | | |
| Electric Operating Revenues | 30,551,512 | 30,232,984 | 29,338,940 | 26,603,894 | 31,710,792 | 34,276,005 | 34,753,436 | 35,120,403 | 30,506,266 | 28,639,344 | 30,097,473 | 31,347,079 |
| Sales for Resale - Bulk Power | 1,740,227 | 1,379,303 | 619,977 | 0 | 296,306 | 45,027 | 414,595 | 34,039 | 423,065 | 681,762 | 288,314 | 231,835 |
| Other Electric Revenues | 388,926 | 280,592 | 280,592 | 280,592 | 280,592 | 280,592 | 280,592 | 280,592 | 280,592 | 280,592 | 280,592 | 280,592 |
| Margin | 32,680,665 | 31,893,479 | 30,239,509 | 26,884,486 | 32,287,690 | 34,601,624 | 35,448,623 | 35,435,034 | 31,209,923 | 29,601,698 | 30,666,379 | 31,859,506 |
| Variance | (1,971,126) | 1,605,752 | (1,198,958) | 1,446,276 | (1,920,848) | 1,807,253 | 2,882,318 | 3,321,258 | 4,298,781 | 1,145,670 | 3,145,936 | 8,770,627 |
| | 0 | 0 | (0) | (0) | (0) | 0 | 0 | 0 | (0) | 0 | 0 | (0) |

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Analysis
Actual to Budget
Electric
YTD

| |
|-----------------|
| \$1,878 |
| (\$151) |
| (\$6,093) |
| \$16,725 |
| (\$9) |
| \$7,107 |
| \$2,259 |
| \$8,728 |
| (\$1,080) |
| \$322 |
| (\$885) |
| \$0 |
| (\$801) |
| (\$703) |
| (\$965) |
| \$5,871 |
| \$9,995 |
| \$111 |
| (\$9,366) |
| (\$9,532) |
| <u>\$23,333</u> |

| |
|--------------------|
| 379,163,753 |
| 15,522,799 |
| 11,448,008 |
| <u>406,132,560</u> |

| |
|--------------------|
| 373,168,128 |
| 6,156,050 |
| 3,475,442 |
| <u>382,799,620</u> |
| <u>23,332,939</u> |
| <u>0</u> |

Duke Energy Kentucky
 December 31, 2021
 Total Analysis

| | 2021 Actual Jan | 2021 Budget Jan | | 2021 Actual February | 2021 Budget February | | 2021 Actual March | 2021 Budget March | | 2021 Actual April | 2021 Budget April | | 2021 Actual May | 2021 Budget May | | 2021 Actual Jun | 2021 Budget Jun | | 2020 Actual Q2 | 2020 Budget Q2 | |
|------------------------------------|-----------------------|-----------------------|---------|----------------------------|----------------------------|-------|-------------------------|-------------------------|---------|-------------------------|-------------------------|---------|-----------------------|-----------------------|---------|-----------------------|-----------------------|---------|----------------------|----------------------|---------|
| Operating Revenues | 28,818 | 30,552 | (1,733) | 31,114 | 30,223 | 891 | 26,978 | 29,338 | (2,361) | 26,086 | 26,604 | (618) | 27,660 | 31,711 | (4,051) | 32,736 | 34,276 | (1,540) | 86,482 | 92,591 | (6,109) |
| Total Operating Revenues | 28,818 | 30,552 | (1,733) | 31,114 | 30,223 | 891 | 26,978 | 29,338 | (2,361) | 26,086 | 26,604 | (618) | 27,660 | 31,711 | (4,051) | 32,736 | 34,276 | (1,540) | 86,482 | 92,591 | (6,109) |
| Riders: | | | | | | | | | | | | | | | | | | | | | |
| DSM | 140 | 721 | (580) | 215 | 654 | (439) | 209 | 591 | (382) | 462 | 554 | (92) | 429 | 516 | (87) | 576 | 610 | (34) | 1,467 | 1,679 | (212) |
| PSM | (298) | (278) | (19) | (286) | (333) | 46 | (347) | (139) | (208) | (320) | (208) | (102) | (310) | (52) | (258) | (157) | (7) | (149) | (787) | (59) | (728) |
| ESM | 1,896 | 2,512 | (616) | 3,202 | 2,434 | 768 | 1,891 | 2,021 | (130) | 1,953 | 1,441 | 512 | 2,101 | 2,336 | (235) | 2,270 | 2,553 | (283) | 6,324 | 6,330 | (6) |
| Provision for Revenue Reduction | 247 | - | 247 | 8 | - | 8 | 222 | - | 222 | 149 | - | 149 | (133) | - | (133) | (637) | - | (637) | (622) | - | (622) |
| Retail Fuel Revenue: | | | | | | | | | | | | | | | | | | | | | |
| Billed | 9,187 | 7,916 | 1,271 | 7,527 | 7,525 | 2 | 7,736 | 8,041 | (305) | 7,165 | 6,876 | 289 | 7,136 | 8,032 | (895) | 8,514 | 9,285 | (771) | 22,815 | 24,193 | (1,377) |
| Interdepartmental | 6 | 5 | 2 | 5 | 7 | (2) | 5 | 5 | (0) | 4 | 5 | (1) | 3 | 4 | (1) | 3 | 7 | (4) | 10 | 16 | (6) |
| Unbilled: | (3,193) | (2,045) | | (354) | (669) | | (847) | (546) | | (315) | (1,112) | | 1,684 | 2,701 | | 2,578 | 1,741 | | 3,947 | 3,330 | |
| Weather | | | | | | | | | | | | | | | | | | | | | |
| Growth | | | | 26 | (813) | | - | - | | - | - | | 344 | 272 | | (275) | 139 | | | | 209 |
| Realization (Price Variance) | | | | (1,999) | (392) | | (1,186) | (6,399) | | (1,186) | (6,399) | | 43 | 122 | | 515 | (69) | | | | 246 |
| Unbilled Riders | | | | (797) | 144 | | 657 | (76) | | 657 | (76) | | (271) | (187) | | 187 | (160) | | | | (160) |
| Unbilled Fuel | | | | (95) | 132 | | (294) | 628 | | (294) | 628 | | (696) | (172) | | 172 | (114) | | | | 114 |
| Other | | | | 2,529 | 444 | | 687 | (87) | | 6315 | (180) | | (180) | (107) | | (107) | (6,627) | | | | 6,627 |
| | 7,986 | 8,830 | (843) | 10,316 | 9,617 | 712 | 8,958 | 9,973 | (949) | 9,098 | 7,764 | 1,391 | 10,910 | 13,537 | (2,627) | 13,147 | 14,188 | (1,041) | 33,155 | 35,489 | (2,277) |
| 0449111 - Tax Reform - Residential | 9 | - | 9 | 9 | - | 9 | 9 | - | 9 | 9 | - | 9 | 9 | - | 9 | 9 | - | 9 | 28 | - | - |
| RB Billed Base Revenues | 20,823 | 21,722 | (899) | 20,789 | 20,606 | 183 | 18,010 | 19,366 | (1,356) | 16,979 | 18,840 | (1,861) | 16,741 | 18,174 | (1,433) | 19,579 | 20,088 | (509) | 53,299 | 57,102 | (3,803) |
| Volume Variance: | 20,823 | 21,722 | | 20,789 | 20,606 | 183 | 18,010 | 19,366 | (1,356) | 16,979 | 18,840 | (1,861) | 16,741 | 18,174 | (1,433) | 19,579 | 20,088 | (509) | 53,299 | 57,102 | (3,803) |
| Weather Variance: | | | | (409) | 66 | | (196) | (312) | | (312) | (492) | | 266 | (680) | | 458 | (327) | | | | 411 |
| Growth Variance: | | | | 86 | 744 | | 259 | (492) | | (492) | | | 266 | (680) | | 458 | (327) | | | | (1,499) |
| Realization (Price Variance) | | | | (576) | (628) | | (1,419) | (1,057) | | (1,057) | (1,019) | | (1,019) | (639) | | (639) | (2,715) | | | | (2,715) |
| | 20,823 | 21,722 | (899) | 20,789 | 20,606 | 183 | 18,010 | 19,366 | (1,356) | 16,979 | 18,840 | (1,861) | 16,741 | 18,174 | (1,433) | 19,579 | 20,088 | (509) | 53,299 | 57,102 | (3,803) |
| Other Electric Revenues | 850 | 389 | 461 | 1,101 | 281 | 820 | 1,320 | 281 | 1,039 | 896 | 281 | 615 | 1,099 | 281 | 819 | 935 | 281 | 655 | 2,930 | 842 | 2,089 |
| Total Other Electric Revenues | 850 | 389 | 461 | 1,101 | 281 | 820 | 1,320 | 281 | 1,039 | 896 | 281 | 615 | 1,099 | 281 | 819 | 935 | 281 | 655 | 2,930 | 842 | 2,089 |
| Other Electric Revenues | 850 | 389 | 461 | 1,101 | 281 | 820 | 1,320 | 281 | 1,039 | 896 | 281 | 615 | 1,099 | 281 | 819 | 935 | 281 | 655 | 2,930 | 842 | 2,089 |
| Sales for Resale | 1,042 | 1,740 | (698) | 1,274 | 1,380 | (106) | 742 | 619 | 123 | 1,349 | - | 1,349 | 1,610 | 298 | 1,311 | 2,738 | 45 | 2,692 | 5,697 | 343 | 5,353 |
| Purchase Power Non-Native | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sales for Resale | 1,042 | 1,740 | (698) | 1,274 | 1,380 | (106) | 742 | 619 | 123 | 1,349 | - | 1,349 | 1,610 | 298 | 1,311 | 2,738 | 45 | 2,692 | 5,697 | 343 | 5,353 |

| 2021 Actual Jul | 2021 Budget Jul | | 2021 Actual August | 2021 Budget August | | 2021 Actual Sept | 2021 Budget Sept | | 2021 Actual Oct | 2021 Budget Oct | | 2021 Actual Nov | 2021 Budget Nov | | 2021 Actual Dec | 2021 Budget Dec | |
|-----------------|-----------------|-------|--------------------|--------------------|-----------|------------------|------------------|-------|-----------------|-----------------|-------|-----------------|-----------------|---------|-----------------|-----------------|---------|
| 36,823 | 34,753 | 1,869 | 36,564 | 35,120 | 1,444 | 31,299 | 30,506 | 792 | 30,149 | 28,639 | 1,509 | 32,766 | 30,097 | 2,669 | 38,372 | 31,347 | 7,025 |
| 1,649 | 697 | 952 | 602 | 706 | (104) | 655 | 662 | (7) | 568 | 556 | 12 | 358 | 520 | (171) | 249 | 633 | (384) |
| (178) | (108) | (71) | (179) | (4) | (175) | (292) | (190) | (102) | (238) | (133) | (104) | (67) | (151) | (276) | (44) | (232) | |
| 2,823 | 2,811 | 11 | 2,726 | 2,652 | 74 | 2,267 | 2,666 | (399) | 1,484 | 2,392 | (908) | 858 | 2,696 | (1,838) | 999 | 2,821 | (1,823) |
| 303 | - | 303 | (187) | - | (187) | 444 | - | 444 | 425 | - | 425 | (59) | - | (59) | 269 | - | 269 |
| 10,186 | 9,022 | 1,164 | 8,694 | 9,064 | (370) | 10,154 | 8,558 | 1,596 | 7,405 | 7,024 | 380 | 12,114 | 6,794 | 5,319 | 16,766 | 7,721 | 9,045 |
| 3 | 6 | (2) | 4 | 5 | (2) | 3 | 5 | (1) | 4 | 5 | (1) | 3 | 4 | (1) | 10 | 5 | 5 |
| (198) | 293 | 47 | 2,757 | 550 | 797,061 | (3,904) | (2,578) | (344) | 2,267 | (78) | (481) | 2,653 | 1,973 | (119) | 1,055 | 103 | (1,015) |
| | | (413) | | | (29,309) | | | 99 | | | 329 | | | (42) | | | (79) |
| | | 230 | | | 254,001 | | | (496) | | | (235) | | | 74 | | | 144 |
| | | (150) | | | 228,998 | | | (135) | | | (236) | | | (520) | | | 34 |
| | | (175) | | | 1,093,610 | | | (648) | | | 2,929 | | | 1,342 | | | 1,572 |
| | | (31) | | | (137,062) | | | 197 | | | 40 | | | (55) | | | 295 |
| 14,587 | 12,722 | 1,866 | 14,416 | 12,974 | 1,443 | 9,327 | 9,214 | 114 | 11,916 | 9,766 | 2,150 | 15,708 | 11,930 | 3,778 | 19,071 | 11,239 | 7,832 |
| 9 | - | 9 | 9 | - | 9,230 | 9 | - | 9 | 9 | - | 9 | 9 | - | 9 | 9 | - | 9 |
| 22,026 | 22,032 | (6) | 22,139 | 22,147 | (8) | 21,962 | 21,293 | 669 | 18,224 | 18,874 | (650) | 17,049 | 18,167 | (1,118) | 19,291 | 20,108 | (817) |
| 22,026 | 22,032 | | 22,139 | 22,147 | | 21,962 | 21,293 | | 18,224 | 18,874 | | 17,049 | 18,167 | | 19,291 | 20,108 | |
| | | (86) | | | 91,369 | | | 948 | 0 | (0) | 1,093 | | 0 | 445 | (0) | | (485) |
| | | 547 | | | 231,819 | | | 608 | | | (755) | | | (786) | | | 413 |
| | | (467) | | | (331,157) | | | (886) | | | (988) | | | (777) | | | (745) |
| 22,026 | 22,032 | (6) | 22,139 | 22,147 | (8) | 21,962 | 21,293 | 669 | 18,224 | 18,874 | (650) | 17,049 | 18,167 | (1,118) | 19,291 | 20,108 | (817) |
| 1,244 | 281 | 963 | 1,091 | 281 | 810 | 582 | 281 | 301 | 530 | 281 | 249 | 991 | 281 | 710 | 808 | 281 | 527 |
| 1,244 | 281 | 963 | 1,091 | 281 | 810 | 582 | 281 | 301 | 530 | 281 | 249 | 991 | 281 | 710 | 808 | 281 | 527 |
| 464 | 415 | 50 | 1,101 | 34 | 1,067 | 3,628 | 423 | 3,205 | 69 | 682 | (613) | 55 | 288 | (233) | 1,451 | 232 | 1,219 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 464 | 415 | 50 | 1,101 | 34 | 1,067 | 3,628 | 423 | 3,205 | 69 | 682 | (613) | 55 | 288 | (233) | 1,451 | 232 | 1,219 |

Duke Energy Kentucky
 #REFI
 Native

| | 2021 Actual January | 2021 Budget January | | 2021 Actual February | 2021 Budget February | | 2021 Actual March | 2021 Budget March | | 2021 Actual April | 2021 Budget April | | 2021 Actual May | 2021 Budget May | | 2021 Actual June | 2021 Budget June | | 2021 Actual July | 2021 Budget July | |
|------------------------------------|---------------------|---------------------|---------|----------------------|----------------------|-------|-------------------|-------------------|---------|-------------------|-------------------|---------|-----------------|-----------------|---------|------------------|------------------|-------|------------------|------------------|-------|
| Operating Revenues | | | | | | | | | | | | | | | | | | | | | |
| Total Electric Sales | 28,842 | 30,805 | (1,962) | 31,428 | 30,579 | 849 | 27,086 | 29,396 | (2,310) | 28,256 | 28,545 | (290) | 28,033 | 31,788 | (3,755) | 33,541 | 34,262 | (721) | 36,501 | 34,908 | |
| DSM Deferral (0407354) | 306 | 0 | | 390 | 0 | | 353 | 0 | | 420 | 0 | | 370 | 0 | | 472 | 0 | | 1,500 | 0 | |
| Riders: | | | | | | | | | | | | | | | | | | | | | |
| DSM | 140 | 721 | (580) | 215 | 654 | (439) | 299 | 591 | (293) | 462 | 554 | (92) | 429 | 516 | (87) | 576 | 610 | (34) | 1,649 | 697 | |
| PSM | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ESM | 1,896 | 2,512 | (616) | 3,202 | 2,434 | 768 | 1,891 | 2,021 | (130) | 1,953 | 1,441 | 512 | 2,101 | 2,336 | (235) | 2,270 | 2,553 | (283) | 2,823 | 2,811 | |
| Rate Provisions - 0449100 | 0 | 0 | - | 0 | 0 | - | 0 | 0 | - | 0 | 0 | - | 0 | 0 | - | 0 | 0 | - | 0 | 0 | |
| Retail Fuel Revenue: | | | | | | | | | | | | | | | | | | | | | |
| Billed | 9,187 | 7,916 | 1,271 | 7,527 | 7,525 | 2 | 7,736 | 8,041 | (305) | 7,165 | 6,876 | 289 | 7,136 | 8,032 | (895) | 8,514 | 9,285 | (771) | 10,186 | 9,022 | |
| Interdepartmental 0448000 | 6 | 5 | 1 | 5 | 7 | -2 | 5 | 5 | -1 | 4 | 5 | -1 | 3 | 4 | -1 | 3 | 7 | -4 | 3 | 6 | |
| Unbilled: | | | | | | | | | | | | | | | | | | | | | |
| Weather | (3,220) | (2,071) | -1,149 | (318) | (646) | 328 | (864) | (628) | -236 | (317) | (1,171) | 854 | 1,613 | 2,726 | (1,113) | 2,590 | 1,719 | 871 | (195) | 340 | |
| Growth | | | | 26 | | - | | | | | | 344 | | | | | | | 139 | | |
| Realization (Price Variance) | | | | (813) | | - | | | | | | 43 | | | | | | | (69) | | |
| Unbilled Riders | | | | (1,999) | | (392) | | | (1,186) | | | (6,399) | | | | | | | 122 | | 515 |
| Unbilled Fuel | | | | (798) | | 144 | | | 394 | | | (76) | | | | | | | (366) | | 220 |
| Other | | | | (95) | | 132 | | | (687) | | | 628 | | | | | | | (686) | | 172 |
| | 8,010 | 9,083 | (1,074) | 10,630 | 9,973 | 659 | 9,067 | 10,030 | (963) | 9,268 | 7,705 | 1,564 | 11,283 | 13,614 | (2,330) | 13,952 | 14,173 | (217) | 14,466 | 12,876 | |
| 0449111 - Tax Reform - Residential | 9 | 0 | 9 | 9 | 0 | 9 | 9 | 0 | 9 | 9 | 0 | 9 | 9 | 0 | 9 | 9 | 0 | 9 | 9 | 0 | 9 |
| RB Billed Base Revenues | 20,823 | 21,722 | (897) | 20,789 | 20,606 | 181 | 18,010 | 19,366 | (1,356) | 16,979 | 18,840 | (1,863) | 16,741 | 18,174 | (1,434) | 19,579 | 20,088 | (512) | 22,026 | 22,032 | |
| Volume Variance: | (0) | (0) | | 6 | 0 | | (0) | (0) | | 0 | 0 | | (0) | 0 | | 0 | (0) | | 0 | 0 | |
| Weather Variance: | | | | (409) | | 66 | | | (196) | | | (312) | | | 266 | | | | 458 | | (327) |
| Growth Variance: | | | | 86 | | 744 | | | 259 | | | (492) | | | (680) | | | | | | |
| Realization (Price Variance) | | | | (576) | | (628) | | | (1,419) | | | (1,057) | | | (1,019) | | | | | | (639) |
| Other Electric Revenues | 878 | 389 | - | 1,455 | 281 | - | 1,340 | 281 | - | 1,030 | 281 | - | 1,200 | 281 | - | 1,079 | 281 | - | 1,332 | 281 | |
| Total Other Electric Revenues | 878 | 389 | - | 1,455 | 281 | - | 1,340 | 281 | - | 1,030 | 281 | - | 1,200 | 281 | - | 1,079 | 281 | - | 1,332 | 281 | |
| PJM Revenues | 157 | 157 | 0 | 156 | 157 | (0) | 157 | 157 | 1 | 157 | 157 | 0 | 313 | 157 | 157 | 284 | 157 | 127 | 283 | 157 | |
| Other Electric Revenues | 721 | 232 | 488 | 1,299 | 124 | 1,175 | 1,183 | 124 | 1,059 | 873 | 124 | 750 | 887 | 124 | 763 | 795 | 124 | 671 | 1,049 | 124 | |
| | 878 | 389 | 489 | 1,455 | 281 | 1,174 | 1,340 | 281 | 1,059 | 1,030 | 281 | 750 | 1,200 | 281 | 919 | 1,079 | 281 | 798 | 1,332 | 281 | |
| Sales for Resale - 0447150 | 0 | 0 | - | 0 | 0 | - | 125 | 0 | 125 | 0 | 0 | - | 0 | 0 | - | 1,936 | (0) | 1,936 | 0 | 0 | |
| Sales for Resale | - | - | - | - | - | - | 125 | - | 125 | - | - | - | - | - | - | 1,936 | (0) | 1,936 | - | - | |

| | 2021 Actual #REF! | 2021 Budget #REF! | | 2021 Actual #REF! | 2021 Budget #REF! | | 2021 Actual #REF! | 2021 Budget #REF! | | 2021 Actual #REF! | 2021 Budget #REF! | | 2021 Actual #REF! | 2021 Budget #REF! | |
|-------|-------------------------|-------------------------|-------|-------------------------|-------------------------|-------|-------------------------|-------------------------|-------|-------------------------|-------------------------|---------|-------------------------|-------------------------|---------|
| 1,593 | 38,941 | 35,075 | 1,865 | 51,176 | 30,647 | 529 | 29,958 | 26,796 | 1,162 | 33,063 | 30,137 | 2,926 | 38,369 | 31,375 | 6,993 |
| | 450 | 0 | | 516 | 0 | | 496 | 0 | | 291 | 0 | | 125 | 0 | |
| 952 | 602 | 706 | (104) | 655 | 662 | (7) | 568 | 556 | 12 | 358 | 529 | (171) | 249 | 633 | (384) |
| 11 | 2,726 | 2,652 | 74 | 2,267 | 2,666 | (399) | 1,484 | 2,392 | (908) | 858 | 2,696 | (1,838) | 999 | 2,821 | (1,823) |
| - | 0 | 0 | - | 0 | 0 | - | 0 | 0 | - | 0 | 0 | - | 0 | 0 | - |
| 1,164 | 8,694 | 9,064 | (370) | 10,154 | 8,558 | 1,596 | 7,405 | 7,024 | 380 | 12,114 | 6,794 | 5,319 | 16,766 | 7,721 | 9,045 |
| | 4 | 5 | | 3 | 5 | | 4 | 5 | | 3 | 4 | | 10 | 5 | 5 |
| | 2,767 | 501 | | (3,875) | (2,537) | | 2,264 | (54) | | 2,672 | 1,946 | | 1,045 | 87 | |
| 47 | | | 797 | | | (344) | | | (481) | | | (119) | | | (1,015) |
| (413) | | | (29) | | | 99 | | | 329 | | | (42) | | | (79) |
| 230 | | | 254 | | | (496) | | | (235) | | | 74 | | | 144 |
| (193) | | | 288 | | | (146) | | | (263) | | | (473) | | | 41 |
| (175) | | | 1,094 | | | (648) | | | 2,929 | | | 1,242 | | | 1,572 |
| (31) | | | (137) | | | 197 | | | 40 | | | (55) | | | 296 |
| 1,592 | 14,793 | 12,929 | 1,866 | 9,205 | 9,354 | (148) | 11,725 | 9,923 | 1,803 | 16,004 | 11,969 | 4,037 | 19,068 | 11,267 | 7,801 |
| 9 | 9 | 0 | 9 | 9 | 0 | 9 | 9 | 0 | 9 | 9 | 0 | 9 | 9 | 0 | 9 |
| (8) | 22,139 | 22,147 | (10) | 21,962 | 21,293 | 668 | 18,224 | 18,874 | (651) | 17,049 | 18,167 | (1,120) | 19,291 | 20,108 | (817) |
| | 22,139 | 22,147 | | 21,962 | 21,293 | | 18,224 | 18,874 | | 17,049 | 18,167 | | 19,291 | 20,108 | |
| (86) | 0 | 0 | 91 | (0) | 0 | 948 | 0 | (0) | 1,093 | (0) | 0 | 445 | (0) | 0 | (485) |
| 547 | | | 232 | | | 608 | | | (755) | | | (786) | | | 413 |
| (467) | | | (331) | | | (886) | | | (988) | | | (777) | | | (745) |
| - | 1,238 | 281 | - | 631 | 281 | - | 530 | 281 | - | 998 | 281 | - | 815 | 281 | - |
| 126 | 156 | 157 | (1) | 159 | 157 | 2 | (94) | 157 | (251) | 160 | 157 | 3 | 314 | 157 | 157 |
| 925 | 1,082 | 124 | 958 | 472 | 124 | 348 | 624 | 124 | 500 | 838 | 124 | 714 | 501 | 124 | 377 |
| 1,051 | 1,238 | 281 | 958 | 631 | 281 | 348 | 530 | 281 | 500 | 998 | 281 | 714 | 815 | 281 | 535 |
| - | 0 | (0) | 0 | 3,615 | 0 | 3,615 | 0 | 0 | - | 0 | (0) | 0 | 1,432 | 0 | 1,432 |
| - | (0) | (0) | 0 | 3,615 | 0 | 3,615 | - | - | - | 0 | (0) | 0 | 1,432 | - | 1,432 |

Duke Energy Kentucky
 #REF!

| Non Native | 2021 Actual January | 2021 Budget January | | 2021 Actual February | 2021 Budget February | | 2021 Actual March | 2021 Budget March | | 2021 Actual April | 2021 Budget April | | 2021 Actual May | 2021 Budget May | | 2021 Actual June | 2021 Budget June | | 2021 Actual July | 2021 Budget July | | |
|---|---------------------|---------------------|-------|----------------------|----------------------|-------|-------------------|-------------------|-------|-------------------|-------------------|-------|-----------------|-----------------|-------|------------------|------------------|-------|------------------|------------------|------|--|
| Operating Revenues | | | | | | | | | | | | | | | | | | | | | | |
| Total Operating Revenues | 244 | 253 | 229 | (314) | (356) | 42 | (108) | (67) | (51) | (170) | 59 | (228) | (373) | (177) | (296) | (805) | 14 | (820) | 121 | (155) | 276 | |
| Riders: | | | | | | | | | | | | | | | | | | | | | | |
| DSM | | | | | | | | | | | | | | | | | | | | | | |
| PSM | | | | | | | | | | | | | | | | | | | | | | |
| ESM | (298) | (278) | (19) | (286) | (333) | 46 | (347) | (139) | (208) | (320) | - | (320) | (310) | (52) | (258) | (157) | (7) | (149) | (178) | (168) | (71) | |
| Provision for Revenue Reduction 0449100 | 247 | 0 | 247 | 8 | 0 | 8 | 222 | 0 | 222 | 149 | 0 | 149 | (133) | 0 | (133) | (637) | 0 | (637) | 303 | 0 | 303 | |
| Retail Fuel Revenue: | | | | | | | | | | | | | | | | | | | | | | |
| Billed | | | | | | | | | | | | | | | | | | | | | | |
| Interdepartmental | | | | | | | | | | | | | | | | | | | | | | |
| Unbilled: | | | | | | | | | | | | | | | | | | | | | | |
| Weather | 27 | 28 | 1 | (36) | (23) | (13) | 18 | 82 | (65) | 2 | 98 | (57) | 70 | (25) | 96 | (11) | 22 | (33) | (4) | (47) | 43 | |
| Growth | | | | | | | | | | | | | | | | | | | | | | |
| Realization (Price Variance) | | | | | | | | | | | | | | | | | | | | | | |
| Unbilled Riders | | | | | | | | | | | | | | | | | | | | | | |
| Unbilled Fuel | | | | | | | | | | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | | | | | | | | | | |
| | (24) | (253) | 229 | (314) | (356) | 42 | (108) | (57) | (51) | (170) | 59 | (228) | (373) | (77) | (296) | (805) | 14 | (820) | 121 | (155) | 276 | |
| RB Billed Base Revenues | (0) | - | (0) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Volume Variance: | | | | | | | | | | | | | | | | | | | | | | |
| Weather Variance: | | | | | | | | | | | | | | | | | | | | | | |
| Growth Variance: | | | | | | | | | | | | | | | | | | | | | | |
| Realization (Price Variance) | | | | | | | | | | | | | | | | | | | | | | |
| Other Electric Revenues | | | | | | | | | | | | | | | | | | | | | | |
| Total Other Electric Revenues | (28) | - | (28) | (354) | - | (354) | (20) | - | (20) | (135) | - | (135) | (101) | - | (101) | (143) | - | (143) | (88) | - | (88) | |
| Other Electric Revenues | (28) | - | (28) | (354) | - | (354) | (20) | - | (20) | (135) | - | (135) | (101) | - | (101) | (143) | - | (143) | (88) | - | (88) | |
| | - | - | - | (354) | - | (354) | (20) | - | (20) | (135) | - | (135) | (101) | - | (101) | (143) | - | (143) | (88) | - | (88) | |
| Sales for Resale | 1,042 | 1,740 | (699) | 1,274 | 1,380 | (106) | 617 | 619 | (2) | 1,349 | - | 1,349 | 1,610 | 208 | 1,311 | 802 | 45 | 757 | 464 | 415 | 50 | |
| Purchase Power (Bulk Power Marketing) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Sales for Resale LC | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Power Trading MTM Loss | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Sales for Resale | 1,042 | 1,740 | (699) | 1,274 | 1,380 | (106) | 617 | 619 | (2) | 1,349 | - | 1,349 | 1,610 | 208 | 1,311 | 802 | 45 | 757 | 464 | 415 | 50 | |

| 2021 Actual Aug | 2021 Budget Aug | | 2021 Actual Sept | 2021 Budget Sept | | 2021 Actual Oct | 2021 Budget Oct | | 2021 Actual Nov | 2021 Budget Nov | | 2021 Actual Dec | 2021 Budget Dec | |
|-----------------|-----------------|-------|------------------|------------------|-------|-----------------|-----------------|-------|-----------------|-----------------|-------|-----------------|-----------------|-------|
| (376) | 45 | (421) | 123 | (140) | 263 | 191 | (157) | 348 | (296) | (39) | (257) | 3 | (28) | 31 |
| (178) | (4) | (175) | (293) | (106) | (192) | (238) | (133) | (104) | (218) | (67) | (151) | (276) | (44) | (232) |
| (187) | 0 | (187) | 444 | 0 | 444 | 425 | 0 | 425 | (59) | 0 | (59) | 269 | 0 | 269 |
| | | | | | | | | | | | | | | |
| (10) | 49 | (59) | (29) | (41) | 11 | 3 | (24) | 27 | (20) | 26 | (47) | 19 | 16 | (6) |
| | | | | | | | | | | | | | | |
| | | (59) | | | 11 | | | 27 | | | (47) | | | (6) |
| | | | | | | | | | | | | | | |
| (376) | 45 | (421) | 123 | (140) | 263 | 191 | (157) | 348 | (296) | (39) | (257) | 3 | (28) | 31 |
| - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | 0 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| (147) | - | (147) | (50) | - | (50) | (0) | - | (0) | (7) | - | (7) | (8) | - | (8) |
| (147) | - | (147) | (50) | - | (50) | (0) | - | (0) | (7) | - | (7) | (8) | - | (8) |
| | | | | | | | | | | | | | | |
| 1,101 | 34 | 1,067 | 13 | 423 | (410) | 69 | 682 | (613) | 55 | 288 | (233) | 19 | 232 | (213) |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,101 | 34 | 1,067 | 13 | 423 | (410) | 69 | 682 | (613) | 55 | 288 | (233) | 19 | 232 | (213) |

Duke Energy Kentucky
 Additional Analysis Info

| <u>Riders 2021 Actual</u> | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|
| DSM | (166) | (175) | (54) | 42 | 59 | 104 | 149 | 152 | 139 | 73 | 66 | 124 | 514 |
| PSM | (298) | (286) | (347) | (320) | (310) | (157) | (178) | (179) | (292) | (238) | (218) | (276) | (3,099) |
| ESM | 1,896 | 3,202 | 1,891 | 1,953 | 2,101 | 2,270 | 2,823 | 2,726 | 2,267 | 1,484 | 858 | 999 | 24,470 |
| <u>Riders 2021 Budget</u> | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD |
| DSM | 721 | 654 | 591 | 554 | 516 | 610 | 697 | 706 | 662 | 556 | 529 | 633 | 7,429 |
| PSM | (279) | (333) | (139) | - | (52) | (7) | (108) | (4) | (100) | (133) | (67) | (44) | (1,265) |
| ESM | 2,512 | 2,434 | 2,021 | 1,441 | 2,336 | 2,553 | 2,811 | 2,652 | 2,666 | 2,392 | 2,696 | 2,821 | 29,335 |
| <u>Actual-to-Budget Riders</u> | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD |
| DSM | (866) | (828) | (646) | (512) | (457) | (506) | (548) | (554) | (524) | (483) | (462) | (509) | (6,915) |
| PSM | (19) | 46 | (208) | (320) | (258) | (149) | (71) | (175) | (192) | (104) | (151) | (232) | (1,834) |
| ESM | (616) | 768 | (130) | 512 | (235) | (283) | 11 | 74 | (399) | (908) | (1,838) | (1,823) | (4,866) |

Duke Energy Kentucky - Generation

| | Base Fuel | | | |
|-----------|-----------|--------|-------|----------|
| | 2021 | 2021 | | |
| | Actual | Budget | | |
| January | 8,644 | 8,810 | (166) | |
| February | 7,894 | 8,074 | (180) | |
| March | 7,802 | 7,422 | 380 | 34 Q1 |
| April | 6,843 | 7,150 | (307) | |
| May | 6,598 | 6,797 | (199) | |
| June | 7,869 | 7,847 | 22 | (484) Q2 |
| July | 8,967 | 8,838 | 129 | |
| August | 8,992 | 8,907 | 85 | |
| September | 9,596 | 8,446 | 1,150 | 1,364 Q3 |
| October | 7,800 | 7,248 | 552 | |
| November | 7,159 | 6,896 | 263 | |
| December | 8,489 | 8,011 | 478 | 1,273 Q4 |
| | 96,633 | 94,446 | 2,188 | |

| | Fuel Clause | | | |
|-----------|-------------|--------|--------|-----------|
| | 2021 | 2021 | | |
| | Actual | Budget | | |
| January | 543 | (894) | 1,437 | |
| February | (367) | (549) | 182 | |
| March | (66) | 619 | (685) | 934 Q1 |
| April | 322 | (274) | 596 | |
| May | 538 | 1,235 | (696) | |
| June | 545 | 1,438 | (793) | (893) Q2 |
| July | 1,219 | 184 | 1,035 | |
| August | (298) | 157 | (455) | |
| September | 557 | 112 | 445 | 1,025 Q3 |
| October | (396) | (224) | (172) | |
| November | 4,954 | (102) | 5,056 | |
| December | 8,297 | (280) | 8,577 | 13,472 Q4 |
| | 15,949 | 1,411 | 14,538 | |

| | | | | | | | | | | | |
|---------------------------|--------------|-------------|-------------|----------------|----------------|-----------|-----------|-----------|-------------|-------------|----------|
| | 413,061 | 1,458,898 | (338) | 2,182 | (2,520) | (51,699) | 93,961 | (145,660) | (3,235) | 11,206 | (14,441) |
| | 51,407 | 299,128 | 112 | 447 | (336) | (29,014) | 50,586 | (79,600) | (1,706) | 6,796 | (8,502) |
| | 164,005 | 435,890 | (51) | 652 | (763) | (12,746) | 26,138 | (38,854) | (619) | 3,070 | (3,859) |
| CHANGE IN | | | | | | | | | | | |
| Nov-2021 UNBILLED | 13,842,641 | 16,794,947 | 28,513 | 40,070 | (11,557) | (85,827) | 375,429 | (461,256) | (19,591) | 27,573 | (47,164) |
| Dec-21 Residential | 62,365,492 | 76,041,715 | 0.0069750 | 0.0025196 | | 0.0039567 | 0.0083951 | | (0.0008288) | (0.0001308) | |
| Commercial | 48,947,085 | 53,445,882 | (0.0008831) | 0.0014959 | | 0.0025588 | 0.0083951 | | (0.0008273) | (0.0001308) | |
| Industrial | 29,128,601 | 30,282,880 | (0.0005077) | 0.0014959 | | 0.0020073 | 0.0083951 | | (0.0008249) | (0.0001308) | |
| OPA | 11,227,478 | 14,696,990 | (0.0005657) | 0.0014959 | | 0.0024179 | 0.0083951 | | (0.0008240) | (0.0001308) | |
| | 151,668,656 | 174,467,466 | | | | | | | | | |
| rates tiepoint | | | | | | | | | | | |
| 0.010105 | | | 435,001 | 191,592 | | 246,759 | 638,375 | | (51,566) | (9,945) | |
| 0.001048 | | | (33,436) | 79,951 | | 125,245 | 448,681 | | (40,494) | (6,990) | |
| 0.000675 | | | (14,789) | 45,301 | | 58,470 | 254,227 | | (24,028) | (3,961) | |
| 0.001028 | | | (6,351) | 21,886 | | 27,146 | 123,382 | | (9,251) | (1,922) | |
| December Unbilled | | | 380,426 | 338,830 | | 457,621 | 1,464,665 | | (125,339) | (22,819) | |
| (4,578,099) | 14,112,230 | 289,308 | 35,557 | 253,752 | | (133,401) | 61,289 | (194,690) | 3,842 | 4,322 | (479) |
| (3,993,707) | (3,391,736) | 10,955 | (5,074) | 16,029 | | (124,433) | (80,956) | (43,477) | 3,323 | 6,104 | (2,781) |
| (2,046,262) | (2,953,364) | 5,698 | (4,418) | 10,116 | | (57,280) | (55,483) | (1,797) | 1,695 | 3,696 | (2,002) |
| (901,854) | (952,004) | 2,485 | (1,424) | 3,909 | | (25,637) | (22,442) | (3,195) | 738 | 1,883 | (945) |
| CHANGE IN | | | | | | | | | | | |
| Dec-2021 UNBILLED | (11,519,922) | 6,815,127 | 308,446 | 24,641 | 283,805 | (340,751) | (97,592) | (243,159) | 9,598 | 15,805 | (6,207) |
| YTD | | | (487,416) | (445,821) | | 336,103 | (670,941) | | (18,039) | (120,560) | |

| | | | | | | | | | | | |
|---------------------------|--------------|-------------|-----------|-----------|-----------|-------------|-------------|-----------|-----------|---------|-----------|
| | 413,061 | 1,458,898 | 10,492 | 34,776 | (24,284) | 395,593 | 20,742 | 374,851 | | | |
| | 51,407 | 299,128 | 1,306 | 7,130 | (5,825) | 229,548 | 12,537 | 217,011 | | | |
| | 164,005 | 435,890 | 4,166 | 10,386 | (6,220) | 81,865 | 5,686 | 86,119 | | | |
| CHANGE IN | | | | | | | | | | | |
| Nov-2021 UNBILLED | 13,842,641 | 16,794,947 | 351,617 | 400,341 | (48,724) | 1,442,310 | 51,987 | 1,390,323 | 1,793,927 | 452,328 | 1,341,599 |
| Dec-21 Residential | 62,365,492 | 76,041,715 | 0.0254010 | 0.0238370 | | 0.0397350 | (0.0008636) | | | | |
| Commercial | 48,947,085 | 53,445,882 | 0.0254010 | 0.0238370 | | 0.0397350 | (0.0008636) | | | | |
| Industrial | 29,128,601 | 30,282,880 | 0.0254010 | 0.0238370 | | 0.0397350 | (0.0008636) | | | | |
| OPA | 11,227,478 | 14,696,990 | 0.0254010 | 0.0238370 | | 0.0397350 | (0.0008636) | | | | |
| | 151,668,656 | 174,467,466 | | | | | | | | | |
| rates tiepoint | | | | | | | | | | | |
| 0.065136 | | | 1,584,146 | 1,812,606 | | 2,478,093 | (65,668) | | | | |
| 0.065136 | | | 1,243,305 | 1,273,989 | | 1,944,912 | (46,155) | | | | |
| 0.065136 | | | 739,896 | 721,853 | | 1,157,425 | (26,152) | | | | |
| 0.065136 | | | 285,189 | 350,332 | | 446,124 | (12,692) | | | | |
| | | | 3,852,536 | 4,158,781 | | 6,026,554 | (150,667) | | | | |
| December Unbilled | | | | | | | | | | | |
| | (4,578,099) | 14,112,230 | (116,288) | 336,393 | (452,692) | 799,951 | (43,852) | 843,803 | | | |
| | (3,993,707) | (3,391,736) | (101,444) | (80,849) | (20,595) | 617,793 | (26,132) | 643,925 | | | |
| | (2,046,262) | (2,953,364) | (51,977) | (70,399) | 18,422 | 375,933 | (14,443) | 390,377 | | | |
| | (901,854) | (952,004) | (22,908) | (22,693) | (215) | 142,066 | (7,179) | 149,245 | | | |
| CHANGE IN | | | | | | | | | | | |
| Dec-2021 UNBILLED | (11,519,922) | 6,815,127 | (292,618) | 162,452 | (455,070) | 1,935,743 | (91,607) | 2,027,350 | 1,643,125 | 70,845 | 1,572,280 |
| YTD | | | 318,996 | 12,751 | | (5,764,575) | 412,645 | | | | |

| 2020 09/023 Consolidated v3 | Oct 2021 | Nov 2021 | Dec 2021 | Year 2021 |
|--|------------|------------|------------|-----------|
| KY Commercial | | | | |
| B[Input] | | | | |
| C[Unbilled MWH Balance] | 55,379 | 56,838 | 53,446 | 637,652 |
| D[MWH Sales] | 110,417 | 103,693 | 115,496 | 1,367,272 |
| E[Prior Unbilled Balance Override Input] | | | | |
| F[Base Generation Revenues - Prior Month Balance Input] | | | | |
| G[Base Fuel Revenues - Prior Month Balance Input] | | | | |
| H[Fuel Clause Revenues - Prior Month Balance Input] | | | | |
| I[CO2 EA Rider - Prior Month Balance Input] | | | | |
| J[DSS Sharing Credit Rider - Prior Month Balance Input] | | | | |
| K[Environment Tracker - Prior Month Balance Input] | | | | |
| L[Capacity Performance Insurance - Prior Month Balance Input] | | | | |
| M[Base Transmission Revenues - Prior Month Balance Input] | | | | |
| N[Base Distribution Revenues - Prior Month Balance Input] | | | | |
| O[Merger Savings Credit - Prior Month Balance Input] | | | | |
| P[DSM Rider - Prior Month Balance Input] | | | | |
| Q[Save-a-Watt Rider - Prior Month Balance Input] | | | | |
| R[Total Prior Month Unbilled Balance Input] | | | | |
| S[Generation Revenues] | 3,788 | 3,505 | 3,616 | 46,408 |
| T[Base Generation Revenues] | 2,632 | 2,472 | 2,753 | 32,592 |
| U[Base Fuel Revenues] | | | | |
| V[Fuel Clause Revenues] | (81) | (37) | (100) | 591 |
| W[CO2 EA Rider] | | | | |
| X[DSS Sharing Credit Rider] | (48) | (24) | (15) | (417) |
| Y[Environment Tracker] | 869 | 966 | 970 | 10,152 |
| Z[Capacity Performance Insurance] | | | | |
| AA[Transmission Revenues] | | | | |
| AB[Base Transmission Revenues] | 351 | 333 | 354 | 4,312 |
| AC[Distribution Revenues] | | | | |
| AD[Base Distribution Revenues] | 1,525 | 1,443 | 1,536 | 18,710 |
| AE[Merger Savings Credit] | | | | |
| AF[DSM Rider] | 165 | 155 | 173 | 2,045 |
| AG[Save-a-Watt Rider] | | | | |
| AH[Average Rates] | | | | |
| AI[Total Generation Base Rate - December prior year actual] | | | | |
| AI[Base Generation Revenues/MWh] | 0.034309 | 0.034577 | 0.033039 | 0 |
| AK[Base Fuel Revenues/MWh] | 0.023837 | 0.023837 | 0.023837 | 0 |
| AL[Fuel Clause Revenues/MWh] | (0.000758) | (0.00032) | (0.00064) | 0 |
| AM[CO2 EA Rider/MWh] | | | | |
| AN[DSS Sharing Credit Rider/MWh] | (0.000439) | (0.000239) | (0.000131) | 0 |
| AQ[Environment Tracker/MWh] | 0 | 0 | 0 | 0 |
| AP[Capacity Performance Insurance/MWh] | | | | |
| AQ[Total Transmission Base Rate - December prior year actual] | 0.003182 | 0.003207 | 0.003065 | 0 |
| AR[Base Transmission Revenues/MWh] | | | | |
| AS[Total Distribution Base Rate - December prior year actual] | 0.013808 | 0.013916 | 0.013297 | 0 |
| AT[Base Distribution Revenues/MWh] | 0 | 0 | 0 | 0 |
| AU[Merger Savings Credit/MWh] | 0 | 0 | 0 | 0 |
| AV[DSM Rider/MWh] | 0.001496 | 0.001496 | 0.001496 | 0 |
| AW[Save-a-Watt Rider/MWh] | 0 | 0 | 0 | 0 |
| AX[Unbilled Revenue Balance] | | | | |
| AY[Generation Revenues] | 1 | 1 | 1 | 12 |
| AZ[H] | 1,900 | 1,965 | 1,766 | 21,687 |
| BA[Total Base Generation Revenues (calc)] | | | | |
| BB[else] | | | | |
| BC[Total Base Generation Revenues (actual rate)] | | | | |
| BD[else H] | 1,900 | 1,965 | 1,766 | 1,766 |
| BE[Total Base Generation Revenues] | 1,320 | 1,355 | 1,274 | 1,274 |
| BF[Base Fuel Revenues] | 953 | 920 | 963 | 963 |
| BG[Fuel Clause Revenues] | (26) | (133) | (7) | (7) |
| BH[CO2 EA Rider] | | | | |
| BI[DSS Sharing Credit Rider] | 436 | 530 | 449 | 4,765 |
| BJ[Environ Tracker] | | | | |
| BK[Capacity Performance Insurance] | 3,591 | 3,817 | 3,435 | 3,435 |
| BL[Total Generation Revenues] | 1 | 1 | 1 | 12 |
| BN[H] | 176 | 182 | 164 | 2,012 |
| BO[Total Base Transmission Revenues (calc)] | | | | |
| BP[else] | | | | |
| BQ[Total Base Transmission Revenues (actual rate)] | | | | |
| BR[else H] | 176 | 182 | 164 | 164 |
| BS[Base Transmission Revenues] | 176 | 182 | 164 | 164 |
| BT[Total Transmission Revenues] | 176 | 182 | 164 | 164 |
| BV[else] | 1 | 1 | 1 | 12 |
| BW[Total Base Distribution Revenues (calc)] | 765 | 791 | 711 | 8,728 |
| BX[else] | | | | |
| BY[Total Base Distribution Revenues (actual rate)] | | | | |
| BZ[else H] | 765 | 791 | 711 | 711 |
| CA[Base Distribution Revenues] | | | | |
| CB[Merger Savings Credit] | 83 | 85 | 80 | 80 |
| CC[DSM Rider] | | | | |
| CD[Save-a-Watt Rider] | | | | |
| CE[Total Distribution Revenues] | 648 | 676 | 791 | 791 |
| CF[H] | 4,614 | 4,875 | 4,390 | 4,390 |
| CG[Total Unbilled Revenue Balance] | | | | |
| CH[] | | | | |
| CI[Prior Month Balance] | | | | |
| CI[H] | 1 | 1 | 1 | 12 |
| CK[Base Generation Revenues] | 1,877 | 1,900 | 1,965 | 21,701 |
| CL[Base Fuel Revenues] | 1,333 | 1,320 | 1,355 | 15,210 |
| CM[Fuel Clause Revenues] | 18 | (41) | (10) | 303 |
| CN[CO2 EA Rider] | | | | |
| CO[DSS Sharing Credit Rider] | (65) | (24) | (13) | (193) |
| CP[Environ Tracker] | 421 | 456 | 520 | 4,859 |
| CQ[Capacity Performance Insurance] | | | | |
| CR[Base Transmission Revenues] | 174 | 176 | 182 | 2,013 |
| CS[Base Distribution Revenues] | 756 | 765 | 791 | 8,734 |
| CT[Merger Savings Credit] | | | | |
| CU[DSM Rider] | 84 | 83 | 85 | 949 |
| CV[Save-a-Watt Rider] | | | | |
| CW[else] | | | | |
| CX[Input Base Gen] | | | | |
| CY[Input Base Fuel] | | | | |
| CZ[Input Fuel Clause] | | | | |
| DA[Input CO2 EA Rider] | | | | |
| DB[Input CO2 EA Credit] | | | | |
| DC[Input Environ Tracker] | | | | |
| DD[Input Capacity Performance Insurance] | | | | |
| DE[Input Base Trans] | | | | |
| DF[Input Base Dist] | | | | |
| DG[Input Merger Cr] | | | | |
| DH[Input DSM] | | | | |
| DI[Input SAW] | | | | |
| DJ[else H] | | | | |

| | | | | |
|--|------------|------------|------------|---------|
| DK {} | | | | |
| DK [Change in Unbilled Revenues] | | | | |
| DM (Generation Revenues) | | | | |
| DN (Base Generation Revenues) | 23 | 65 | (199) | (14) |
| DQ (Base Fuel Revenues) | (13) | 35 | (93) | (10) |
| DP (Fuel Clause Revenues) | (58) | 21 | (25) | (18) |
| DQ (CO2 EA Rider) | (9) | 11 | 6 | (1) |
| DR (DSS Sharing Credit Rider) | 15 | 94 | (93) | 64 |
| DS (Environ Tracker) | | | | |
| DT (Capacity Performance Insurance) | (42) | 226 | (181) | 23 |
| DU (Total Generation Revenues) | | | | |
| DV (Transmission Revenues) | | | | |
| DW (Base Transmission Revenues) | 2 | 6 | (10) | (1) |
| DX (Total Transmission Revenues) | 2 | 6 | (10) | (1) |
| DY (Distribution Revenues) | | | | |
| DZ (Base Distribution Revenues) | 9 | 26 | (80) | (6) |
| EA (Merger Savings Credit) | | | | |
| EB (DSM Rider) | (3) | 2 | (5) | 4 |
| EC (Save-a-Watt Rider) | | | | |
| ED (Total Distribution Revenues) | 6 | 28 | (85) | (1) |
| EE {} | | | | |
| EF [Total Change in Unbilled Revenues] | | | | |
| EG {} | (32) | 269 | (463) | 23 |
| EY (Industrial) | | | | |
| B (Inputs) | | | | |
| C (Unbilled MWH Balance) | 32,937 | 33,216 | 30,283 | 366,586 |
| D (MWH Sales) | 69,979 | 68,516 | 69,726 | 836,857 |
| E (Prior Unbilled Balance Override Input) | | | | |
| F (Base Generation Revenues - Prior Month Balance Input) | | | | |
| G (Base Fuel Revenues - Prior Month Balance Input) | | | | |
| H (Fuel Clause Revenues - Prior Month Balance Input) | | | | |
| I (CO2 EA Rider - Prior Month Balance Input) | | | | |
| J (DSS Sharing Credit Rider - Prior Month Balance Input) | | | | |
| K (Environment Tracker - Prior Month Balance Input) | | | | |
| L (Capacity Performance Insurance - Prior Month Balance Input) | | | | |
| M (Base Transmission Revenues - Prior Month Balance Input) | | | | |
| N (Base Distribution Revenues - Prior Month Balance Input) | | | | |
| O (Merger Savings Credit - Prior Month Balance Input) | | | | |
| P (DSM Rider - Prior Month Balance Input) | | | | |
| Q (Save-a-Watt Rider - Prior Month Balance Input) | | | | |
| R (Total Prior Month Unbilled Balance Input) | | | | |
| S (Generation Revenues) | | | | |
| T (Base Generation Revenues) | 2,010 | 1,914 | 1,934 | 24,099 |
| U (Base Fuel Revenues) | 1,668 | 1,628 | 1,662 | 10,948 |
| V (Fuel Clause Revenues) | (52) | (24) | (60) | 356 |
| W (CO2 EA Rider) | | | | |
| X (DSS Sharing Credit Rider) | (13) | (16) | (9) | (250) |
| Y (Environment Tracker) | 551 | 637 | 585 | 6,215 |
| Z (Capacity Performance Insurance) | | | | |
| AA (Transmission Revenues) | | | | |
| AB (Base Transmission Revenues) | 178 | 169 | 171 | 2,130 |
| AC (Distribution Revenues) | | | | |
| AD (Base Distribution Revenues) | 654 | 622 | 629 | 7,836 |
| AE (Merger Savings Credit) | | | | |
| AF (DSM Rider) | 105 | 102 | 104 | 1,252 |
| AG (Save-a-Watt Rider) | | | | |
| AH (Average Rates) | | | | |
| AI (Total Generation Base Rate - December prior year actual) | | | | |
| AJ (Base Generation Revenues/MWh) | 0.028722 | 0.028014 | 0.027731 | 0 |
| AK (Base Fuel Revenues/MWh) | 0.023837 | 0.023837 | 0.023837 | 0 |
| AL (Fuel Clause Revenues/MWh) | (0.000736) | (0.000352) | (0.000864) | 0 |
| AM (CO2 EA Rider/MWh) | | | | |
| AN (DSS Sharing Credit Rider/MWh) | (0.000439) | (0.000230) | (0.000131) | 0 |
| AO (Environment Tracker/MWh) | 0 | 0 | 0 | 0 |
| AP (Capacity Performance Insurance/MWh) | | | | |
| AQ (Total Transmission Base Rate - December prior year actual) | 0.002139 | 0.002476 | 0.002451 | 0 |
| AR (Base Transmission Revenues/MWh) | | | | |
| AS (Total Distribution Base Rate - December prior year actual) | 0.009340 | 0.009110 | 0.009017 | 0 |
| AT (Base Distribution Revenues/MWh) | | | | |
| AU (Merger Savings Credit/MWh) | 0 | 0 | 0 | 0 |
| AV (DSM Rider/MWh) | 0.001496 | 0.001496 | 0.001496 | 0 |
| AW (Save-a-Watt Rider/MWh) | 0 | 0 | 0 | 0 |
| AX (Unbilled Revenue Balance) | | | | |
| AY (Generation Revenues) | | | | |
| AZ (H) | 1 | 1 | 1 | 12 |
| BA (Total Base Generation Revenues (calc)) | 946 | 931 | 840 | 10,556 |
| BB (Rate) | | | | |
| BC (Total Base Generation Revenues (actual rate)) | | | | |
| BD (Rate) | | | | |
| BE (Total Base Generation Revenues) | 946 | 931 | 840 | 840 |
| BF (Base Fuel Revenues) | 785 | 792 | 722 | 722 |
| BG (Fuel Clause Revenues) | (14) | (12) | (20) | (20) |
| BH (CO2 EA Rider) | | | | |
| BI (DSS Sharing Credit Rider) | (14) | (8) | (4) | (4) |
| BJ (Environ Tracker) | 259 | 310 | 254 | 2,796 |
| BK (Capacity Performance Insurance) | | | | |
| BL (Total Generation Revenues) | 1,952 | 2,014 | 1,786 | 1,786 |
| BM (Transmission Revenues) | | | | |
| BN (H) | 1 | 1 | 1 | 12 |
| BO (Total Base Transmission Revenues (calc)) | 84 | 82 | 74 | 933 |
| BP (Rate) | | | | |
| BQ (Total Base Transmission Revenues (actual rate)) | | | | |
| BR (Rate) | 84 | 82 | 74 | 74 |
| BS (Base Transmission Revenues) | | | | |
| BT (Total Transmission Revenues) | 84 | 82 | 74 | 74 |
| BU (Distribution Revenues) | | | | |
| BV (H) | 1 | 1 | 1 | 12 |
| BW (Total Base Distribution Revenues (calc)) | 308 | 303 | 273 | 3,432 |
| BX (Rate) | | | | |
| BY (Total Base Distribution Revenues (actual rate)) | | | | |
| BZ (Rate) | 308 | 303 | 273 | 273 |
| CA (Base Distribution Revenues) | | | | |
| CB (Merger Savings Credit) | | | | |
| CC (DSM Rider) | 49 | 50 | 45 | 45 |
| CD (Save-a-Watt Rider) | | | | |
| CE (Total Distribution Revenues) | 357 | 352 | 318 | 318 |
| CF {} | | | | |
| CG [Total Unbilled Revenue Balance] | 2,192 | 2,468 | 2,178 | 2,178 |
| CH {} | | | | |
| CI (Prior Month Balance) | | | | |
| CJ (H) | 1 | 1 | 1 | 12 |
| CK (Base Generation Revenues) | 915 | 946 | 931 | 10,570 |
| CL (Base Fuel Revenues) | 740 | 785 | 792 | 8,790 |
| CM (Fuel Clause Revenues) | 10 | (24) | (12) | 175 |
| CN (CO2 EA Rider) | | | | |
| CO (DSS Sharing Credit Rider) | (9) | (14) | (8) | (110) |
| CP (Environ Tracker) | 233 | 259 | 310 | 2,701 |

| | | | | |
|--|------------|------------|------------|-------|
| CQ(Capacity Performance Insurance) | | | | |
| CR(Base Transmission Revenues) | 33 | 84 | 82 | 504 |
| CS(Base Distribution Revenues) | 298 | 308 | 303 | 3,437 |
| CT(Merger Savings Credit) | | | | |
| CU(OSM Rider) | 46 | 49 | 50 | 546 |
| CV(Save-a-Watt Rider) | | | | |
| CW(Net) | | | | |
| CX(Input Base Gen) | | | | |
| CT(Input Base Fuel) | | | | |
| CZ(Input Fuel Clause) | | | | |
| DA(Input CO2 EA Rider) | | | | |
| DB(Input OSM Credit) | | | | |
| DC(Input Environ Tracker) | | | | |
| DD(Input Capacity Performance Insurance) | | | | |
| DE(Input Base Trans) | | | | |
| DF(Input Base Dist) | | | | |
| DG(Input Merger Cr) | | | | |
| DH(Input OSM) | | | | |
| DI(Input SAW) | | | | |
| DJ(end of) | | | | |
| DK(Net) | | | | |
| DL(Change in Unbilled Revenues) | | | | |
| DM(Generation Revenues) | | | | |
| DN(Base Generation Revenues) | 33 | (15) | (93) | (14) |
| DO(Base Fuel Revenues) | 46 | 7 | (70) | (12) |
| DP(Fuel Clause Revenues) | (14) | 13 | (14) | (10) |
| DQ(CO2 EA Rider) | | | | |
| DR(DSS Sharing Credit Rider) | (8) | 7 | 4 | (1) |
| DS(Environ Tracker) | 26 | 51 | (53) | 35 |
| DT(Capacity Performance Insurance) | | | | |
| DU(Total Generation Revenues) | 62 | 62 | (228) | (1) |
| DV(Transmission Revenues) | | | | |
| DW(Base Transmission Revenues) | 3 | (1) | (8) | (1) |
| DX(Total Transmission Revenues) | 3 | (1) | (8) | (1) |
| DY(Distribution Revenues) | | | | |
| DZ(Base Distribution Revenues) | 10 | (9) | (30) | (9) |
| EA(Merger Savings Credit) | | | | |
| EB(DSM Rider) | 3 | 0 | (4) | 2 |
| EC(Save-a-Watt Rider) | | | | |
| ED(Total Distribution Revenues) | 33 | (4) | (34) | (1) |
| EE(Net) | 78 | 56 | (270) | (5) |
| EF(Total Change in Unbilled Revenues) | | | | |
| EG(Net) | | | | |
| EH(Interdepartmental) | | | | |
| EI(Inputs) | | | | |
| EJ(Unbilled MWH Balance) | | | | |
| EK(MWH Sales) | 50 | 47 | 56 | 687 |
| EL(Prior Unbilled Balance Override Input) | | | | |
| EM(Base Generation Revenues - Prior Month Balance Input) | | | | |
| EN(Base Fuel Revenues - Prior Month Balance Input) | | | | |
| EO(Fuel Clause Revenues - Prior Month Balance Input) | | | | |
| EP(CO2 EA Rider - Prior Month Balance Input) | | | | |
| EQ(DSS Sharing Credit Rider - Prior Month Balance Input) | | | | |
| ER(Environmental Tracker - Prior Month Balance Input) | | | | |
| ES(Capacity Performance Insurance - Prior Month Balance Input) | | | | |
| ET(Base Transmission Revenues - Prior Month Balance Input) | | | | |
| EU(Base Distribution Revenues - Prior Month Balance Input) | | | | |
| EV(Merger Savings Credit - Prior Month Balance Input) | | | | |
| EW(DSM Rider - Prior Month Balance Input) | | | | |
| EX(Save-a-Watt Rider - Prior Month Balance Input) | | | | |
| EY(Total Prior Month Unbilled Balance Input) | | | | |
| S(Generation Revenues) | | | | |
| T(Base Generation Revenues) | 2 | 2 | 2 | 24 |
| U(Base Fuel Revenues) | 3 | 1 | 1 | 16 |
| V(Fuel Clause Revenues) | (3) | (0) | (0) | 0 |
| W(CO2 EA Rider) | | | | |
| X(DSS Sharing Credit Rider) | (8) | (8) | (8) | 0 |
| Y(Environmental Tracker) | 0 | 0 | 0 | 5 |
| Z(Capacity Performance Insurance) | | | | |
| AA(Transmission Revenues) | | | | |
| AB(Base Transmission Revenues) | 0 | 0 | 0 | 2 |
| AC(Distribution Revenues) | | | | |
| AD(Base Distribution Revenues) | 1 | 1 | 1 | 9 |
| AE(Merger Savings Credit) | | | | |
| AF(OSM Rider) | | | | |
| AG(Save-a-Watt Rider) | | | | |
| AH(Average Rates) | | | | |
| AJ(Total Generation Base Rate - December prior year actual) | 0.034022 | 0.034968 | 0.032351 | 0 |
| AK(Base Generation Revenues/MWH) | 0.023837 | 0.023837 | 0.023837 | 0 |
| AL(Base Fuel Revenues/MWH) | (0.000736) | (0.000352) | (0.000864) | 0 |
| AM(CO2 EA Rider/MWH) | | | | |
| AN(DSS Sharing Credit Rider/MWH) | (0.000439) | (0.000230) | (0.000131) | 0 |
| AO(Environmental Tracker/MWH) | 0 | 0 | 0 | 0 |
| AP(Capacity Performance Insurance/MWH) | | | | |
| AQ(Total Transmission Base Rate - December prior year actual) | 0.003210 | 0.003244 | 0.003085 | 0 |
| AR(Base Transmission Revenues/MWH) | | | | |
| AS(Total Distribution Base Rate - December prior year actual) | 0.013926 | 0.014073 | 0.013386 | 0 |
| AT(Base Distribution Revenues/MWH) | | | | |
| AU(Merger Savings Credit/MWH) | 0 | 0 | 0 | 0 |
| AV(OSM Rider/MWH) | 0 | 0 | 0 | 0 |
| AW(Save-a-Watt Rider/MWH) | 0 | 0 | 0 | 0 |
| AX(Unbilled Revenue Balance) | | | | |
| AY(Generation Revenues) | 1 | 1 | 1 | 12 |
| AZ(Net) | | | | |
| BA(Total Base Generation Revenues (calc)) | | | | |
| BB(Net) | | | | |
| BC(Total Base Generation Revenues (actual rate)) | | | | |
| BD(end of) | | | | |
| BE(Total Base Generation Revenues) | | | | |
| BF(Base Fuel Revenues) | | | | |
| BG(Fuel Clause Revenues) | | | | |
| BH(CO2 EA Rider) | | | | |
| BI(DSS Sharing Credit Rider) | | | | |
| BJ(Environ Tracker) | | | | |
| BK(Capacity Performance Insurance) | | | | |
| BL(Total Generation Revenues) | | | | |
| BM(Transmission Revenues) | 1 | 1 | 1 | 12 |
| BN(Net) | | | | |
| BO(Total Base Transmission Revenues (calc)) | | | | |
| BP(Net) | | | | |
| BQ(Total Base Transmission Revenues (actual rate)) | | | | |
| BR(end of) | | | | |
| BS(Base Transmission Revenues) | | | | |
| BT(Total Transmission Revenues) | | | | |
| BU(Distribution Revenues) | 1 | 1 | 1 | 12 |
| BV(Net) | | | | |

| | | | | |
|---|------------|------------|------------|---------|
| BW[Total Base Distribution Revenues (calc)] | | | | |
| BX[rate] | | | | |
| BY[Total Base Distribution Revenues (actual rate)] | | | | |
| BZ[end if] | | | | |
| CA[Base Distribution Revenues] | | | | |
| CB[Merger Savings Credit] | | | | |
| CC[DISM Rider] | | | | |
| CD[Save-a-Watt Rider] | | | | |
| CE[Total Distribution Revenues] | | | | |
| CF[] | | | | |
| CG[Total Unbilled Revenue Balance] | | | | |
| CH[] | | | | |
| CI[Prior Month Balance] | | | | |
| CJ[if] | 1 | 1 | 1 | 12 |
| CK[Base Generation Revenues] | | | | |
| CL[Base Fuel Revenues] | | | | |
| CM[Fuel Clause Revenues] | | | | |
| CN[CO2 EA Rider] | | | | |
| CO[DSS Sharing Credit Rider] | | | | |
| CP[Environ Tracker] | | | | |
| CQ[Capacity Performance Insurance] | | | | |
| CR[Base Transmission Revenues] | | | | |
| CS[Base Distribution Revenues] | | | | |
| CT[Merger Savings Credit] | | | | |
| CU[DISM Rider] | | | | |
| CV[Save-a-Watt Rider] | | | | |
| CW[rate] | | | | |
| CX[Input Base Gen] | | | | |
| CY[Input Base Fuel] | | | | |
| CZ[Input Fuel Clause] | | | | |
| DA[Input CO2 EA Rider] | | | | |
| DB[Input DSS Credit] | | | | |
| DC[Input Environ Tracker] | | | | |
| DD[Input Capacity Performance Insurance] | | | | |
| DE[Input Base Trans] | | | | |
| DF[Input Base Dis] | | | | |
| DG[Input Merger Cr] | | | | |
| DH[Input DISM] | | | | |
| DI[Input SAW] | | | | |
| DJ[end if] | | | | |
| DK[] | | | | |
| DL[Change in Unbilled Revenues] | | | | |
| DM[Generation Revenues] | | | | |
| DN[Base Generation Revenues] | | | | |
| DO[Base Fuel Revenues] | | | | |
| DP[Fuel Clause Revenues] | | | | |
| DQ[CO2 EA Rider] | | | | |
| DR[DSS Sharing Credit Rider] | | | | |
| DS[Environ Tracker] | | | | |
| DT[Capacity Performance Insurance] | | | | |
| DU[Total Generation Revenues] | | | | |
| DV[Transmission Revenues] | | | | |
| DW[Base Transmission Revenues] | | | | |
| DX[Total Transmission Revenues] | | | | |
| DY[Distribution Revenues] | | | | |
| DZ[Base Distribution Revenues] | | | | |
| EA[Merger Savings Credit] | | | | |
| EB[DISM Rider] | | | | |
| EC[Save-a-Watt Rider] | | | | |
| ED[Total Distribution Revenues] | | | | |
| EE[] | | | | |
| EF[Total Change in Unbilled Revenues] | | | | |
| EG[] | | | | |
| KY OPS | | | | |
| R[] | | | | |
| R1[] | | | | |
| C[Unbilled MWh Balance] | 15,213 | 15,649 | 14,697 | 171,955 |
| D[MWh Sales] | 22,078 | 20,544 | 20,487 | 257,244 |
| E[Prior Unbilled Balance Override Input] | | | | |
| F[Base Generation Revenues - Prior Month Balance Input] | | | | |
| G[Base Fuel Revenues - Prior Month Balance Input] | | | | |
| H[Fuel Clause Revenues - Prior Month Balance Input] | | | | |
| I[CO2 EA Rider - Prior Month Balance Input] | | | | |
| J[DSS Sharing Credit Rider - Prior Month Balance Input] | | | | |
| K[Environment Tracker - Prior Month Balance Input] | | | | |
| L[Capacity Performance Insurance - Prior Month Balance Input] | | | | |
| M[Base Transmission Revenues - Prior Month Balance Input] | | | | |
| N[Base Distribution Revenues - Prior Month Balance Input] | | | | |
| O[Merger Savings Credit - Prior Month Balance Input] | | | | |
| P[DISM Rider - Prior Month Balance Input] | | | | |
| Q[Save-a-Watt Rider - Prior Month Balance Input] | | | | |
| R[Total Prior Month Unbilled Balance Input] | | | | |
| S[Generation Revenues] | | | | |
| T[Base Generation Revenues] | 716 | 692 | 662 | 8,572 |
| U[Base Fuel Revenues] | 526 | 490 | 488 | 6,132 |
| V[Fuel Clause Revenues] | (148) | (7) | (148) | 100 |
| W[CO2 EA Rider] | | | | |
| X[DSS Sharing Credit Rider] | (10) | (5) | (3) | (83) |
| Y[Environment Tracker] | 174 | 191 | 172 | 1,910 |
| Z[Capacity Performance Insurance] | | | | |
| AA[Transmission Revenues] | | | | |
| AB[Base Transmission Revenues] | 64 | 62 | 59 | 770 |
| AC[Distribution Revenues] | | | | |
| AD[Base Distribution Revenues] | 250 | 242 | 231 | 2,998 |
| AE[Merger Savings Credit] | | | | |
| AF[DISM Rider] | 33 | 31 | 31 | 385 |
| AG[Save-a-Watt Rider] | | | | |
| AH[Average Rates] | | | | |
| AI[Total Generation Base Rate - December prior year actual] | | | | |
| AJ[Base Generation Revenues/MWh] | 0.052441 | 0.039891 | 0.052302 | 0 |
| AK[Base Fuel Revenues/MWh] | 0.023827 | 0.022827 | 0.022827 | 0 |
| AL[Fuel Clause Revenues/MWh] | (0.000758) | (0.000352) | (0.000864) | 0 |
| AM[CO2 EA Rider/MWh] | (0.000438) | (0.000290) | (0.000131) | 0 |
| AN[DSS Sharing Credit Rider/MWh] | 0 | 0 | 0 | 0 |
| AO[Environment Tracker/MWh] | 0 | 0 | 0 | 0 |
| AP[Capacity Performance Insurance/MWh] | | | | |
| AQ[Total Transmission Base Rate - December prior year actual] | | | | |
| AR[Base Transmission Revenues/MWh] | 0.002913 | 0.003026 | 0.002901 | 0 |
| AS[Total Distribution Base Rate - December prior year actual] | | | | |
| AT[Base Distribution Revenues/MWh] | 0.011346 | 0.011783 | 0.011297 | 0 |
| AU[Merger Savings Credit/MWh] | 0 | 0 | 0 | 0 |
| AV[DISM Rider/MWh] | 0.001496 | 0.001496 | 0.001496 | 0 |
| AW[Save-a-Watt Rider/MWh] | 0 | 0 | 0 | 0 |
| AX[Unbilled Revenue Balance] | | | | |
| AY[Generation Revenues] | 1 | 1 | 1 | 12 |
| AZ[if] | | | | |
| BA[Total Base Generation Revenues (calc)] | 494 | 527 | 475 | 5,732 |
| BB[rate] | | | | |

| | | | | |
|--|---------|--------|---------|-----------|
| BC [Total Base Generation Revenues (actual rate)] | | | | |
| BC[end of] | | | | |
| BE [Total Base Generation Revenues] | 494 | 527 | 475 | 475 |
| BF [Base Fuel Revenues] | 363 | 373 | 350 | 350 |
| BG [Fuel Clause Revenues] | (13) | (6) | (13) | (13) |
| BH [CO2 EA Rider] | | | | |
| BI [DSS Sharing Credit Rider] | (7) | (4) | (2) | (2) |
| BJ [Environ Tracker] | 120 | 146 | 123 | 1,283 |
| BK [Capacity Performance Insurance] | | | | |
| BL [Total Generation Revenues] | 958 | 1,037 | 934 | 934 |
| BM [Transmission Revenues] | | | | |
| BN [F] | 1 | 1 | 1 | 12 |
| BO [Total Base Transmission Revenues (calc)] | 44 | 47 | 43 | 515 |
| BP [end of] | | | | |
| BQ [Total Base Transmission Revenues (actual rate)] | | | | |
| BR [end of] | | | | |
| BS [Base Transmission Revenues] | 44 | 47 | 43 | 43 |
| BT [Total Transmission Revenues] | 44 | 47 | 43 | 43 |
| Bu [Distribution Revenues] | | | | |
| BV [F] | 1 | 1 | 1 | 12 |
| BW [Total Base Distribution Revenues (calc)] | 173 | 184 | 166 | 2,005 |
| BX [end of] | | | | |
| BY [Total Base Distribution Revenues (actual rate)] | | | | |
| BZ [end of] | | | | |
| CA [Base Distribution Revenues] | 173 | 184 | 166 | 166 |
| CB [Merger Savings Credit] | | | | |
| CC [DSM Rider] | 23 | 23 | 22 | 22 |
| CD [Save-a-Watt Rider] | | | | |
| CE [Total Distribution Revenues] | 195 | 208 | 188 | 188 |
| CF [| | | | |
| CG [Total Unbilled Revenue Balance] | 1,198 | 1,292 | 1,164 | 1,164 |
| CH [| | | | |
| CI [Prior Month Balance] | | | | |
| CJ [F] | 1 | 1 | 1 | 12 |
| CK [Base Generation Revenues] | 472 | 494 | 527 | 5,340 |
| CL [Base Fuel Revenues] | 336 | 363 | 373 | 4,105 |
| CM [Fuel Clause Revenues] | 4 | (11) | (6) | 77 |
| CN [CO2 EA Rider] | | | | |
| CO [DSS Sharing Credit Rider] | (4) | (7) | (4) | (53) |
| CP [Environ Tracker] | 106 | 120 | 146 | 1,266 |
| CQ [Capacity Performance Insurance] | | | | |
| CR [Base Transmission Revenues] | 43 | 44 | 47 | 516 |
| CS [Base Distribution Revenues] | 167 | 173 | 184 | 2,008 |
| CT [Merger Savings Credit] | | | | |
| CU [DSM Rider] | 21 | 23 | 23 | 256 |
| CV [Save-a-Watt Rider] | | | | |
| CW [end of] | | | | |
| CX [Input Base Gen] | | | | |
| CY [Input Base Fuel] | | | | |
| CA [Input Fuel Clause] | | | | |
| DA [Input CO2 EA Rider] | | | | |
| DB [Input DSS Credit] | | | | |
| DC [Input Environ Tracker] | | | | |
| DD [Input Capacity Performance Insurance] | | | | |
| DE [Input Base Trans] | | | | |
| DF [Input Base Dis] | | | | |
| DG [Input Merger Cr] | | | | |
| DH [Input DSM] | | | | |
| DI [Input SAVW] | | | | |
| DJ [end of] | | | | |
| DK [| | | | |
| DL [Change in Unbilled Revenues] | | | | |
| DM [Generation Revenues] | 16 | 34 | (53) | (6) |
| DN [Base Generation Revenues] | 27 | 10 | (23) | (6) |
| DO [Base Fuel Revenues] | (16) | 6 | (7) | (3) |
| DP [Fuel Clause Revenues] | | | | |
| DQ [CO2 EA Rider] | | | | |
| DR [DSS Sharing Credit Rider] | (3) | 3 | 2 | (0) |
| DS [Environ Tracker] | 14 | 26 | (23) | 17 |
| DT [Capacity Performance Insurance] | | | | |
| DU [Total Generation Revenues] | 38 | 79 | (103) | (3) |
| DV [Transmission Revenues] | | | | |
| DW [Base Transmission Revenues] | 1 | 3 | (5) | (1) |
| DX [Total Transmission Revenues] | 1 | 3 | (5) | (1) |
| DY [Distribution Revenues] | | | | |
| DZ [Base Distribution Revenues] | 6 | 12 | (18) | (3) |
| EA [Merger Savings Credit] | | | | |
| EB [DSM Rider] | 2 | 1 | (1) | 1 |
| EC [Save-a-Watt Rider] | | | | |
| ED [Total Distribution Revenues] | 7 | 12 | (20) | (2) |
| EE [| | | | |
| EF [Total Change in Unbilled Revenues] | 47 | 94 | (120) | (6) |
| EG [| | | | |
| R Residential | | | | |
| R [Inputs] | | | | |
| C [Unbilled MWH Balance] | 47,328 | 61,929 | 76,042 | 679,585 |
| E [Prior Unbilled Balance Override Input] | 100,489 | 95,592 | 129,195 | 1,487,110 |
| F [Base Generation Revenues - Prior Month Balance Input] | | | | |
| G [Base Fuel Revenues - Prior Month Balance Input] | | | | |
| H [Fuel Clause Revenues - Prior Month Balance Input] | | | | |
| I [CO2 EA Rider - Prior Month Balance Input] | | | | |
| J [DSS Sharing Credit Rider - Prior Month Balance Input] | | | | |
| K [Environ Tracker - Prior Month Balance Input] | | | | |
| L [Capacity Performance Insurance - Prior Month Balance Input] | | | | |
| M [Base Transmission Revenues - Prior Month Balance Input] | | | | |
| N [Base Distribution Revenues - Prior Month Balance Input] | | | | |
| O [Merger Savings Credit - Prior Month Balance Input] | | | | |
| P [DSM Rider - Prior Month Balance Input] | | | | |
| Q [Save-a-Watt Rider - Prior Month Balance Input] | | | | |
| R [Total Prior Month Unbilled Balance Input] | | | | |
| S [Generation Revenues] | 1,448 | 3,319 | 4,209 | 48,789 |
| T [Base Generation Revenues] | 2,395 | 2,279 | 3,080 | 35,448 |
| U [Base Fuel Revenues] | (74) | (34) | (112) | 360 |
| V [Fuel Clause Revenues] | | | | |
| W [CO2 EA Rider] | | | | |
| X [DSS Sharing Credit Rider] | (44) | (22) | (17) | (504) |
| Y [Environ Tracker] | 791 | 891 | 1,085 | 10,918 |
| Z [Capacity Performance Insurance] | | | | |
| AA [Transmission Revenues] | | | | |
| AB [Base Transmission Revenues] | 268 | 258 | 327 | 3,786 |
| AC [Distribution Revenues] | | | | |
| AD [Base Distribution Revenues] | 2,529 | 2,434 | 3,087 | 35,785 |
| AE [Merger Savings Credit] | | | | |
| AF [DSM Rider] | 253 | 241 | 326 | 3,747 |
| AG [Save-a-Watt Rider] | | | | |
| AH [Average Rates] | | | | |

| | | | | |
|---|------------|------------|------------|--------|
| AJ>Total Generation Base Rate - December prior year actual) | 0.034515 | 0.034710 | 0.022576 | 0 |
| AK[Base Generation Revenues/MWh] | 0.023857 | 0.023857 | 0.023857 | 0 |
| AL[Fuel Clause Revenues/MWh] | (0.000736) | (0.000352) | (0.000864) | 0 |
| AM[CO2 EA Rider/MWh] | | | | |
| AN[OSS Sharing Credit Rider/MWh] | (0.000439) | (0.000239) | (0.000131) | 0 |
| AO[Environment Tracker/MWh] | 0 | 0 | 0 | 0 |
| AP[Capacity Performance Insurance/MWh] | | | | |
| AQ[Total Transmission Base Rate - December prior year actual] | 0.002662 | 0.002694 | 0.002528 | 0 |
| AR[Base Transmission Revenues/MWh] | | | | |
| AS[Total Distribution Base Rate - December prior year actual] | 0.025167 | 0.025466 | 0.023894 | 0 |
| AT[Base Distribution Revenues/MWh] | | | | |
| AU[Merger Savings Credit/MWh] | 0 | 0 | 0 | 0 |
| AV[DSM Rider/MWh] | 0.002520 | 0.002520 | 0.002520 | 0 |
| AW[Save-a-Watt Rider/MWh] | 0 | 0 | 0 | 0 |
| AX[Unbilled Revenue Balance] | | | | |
| AY[Generation Revenues] | 1 | 1 | 1 | 12 |
| AZ[I] | | | | |
| BA[Total Base Generation Revenues (calc)] | 1,634 | 2,150 | 2,477 | 22,359 |
| BB[else] | | | | |
| BC[Total Base Generation Revenues (actual rate)] | | | | |
| BD[end H] | | | | |
| BE[Total Base Generation Revenues] | 1,634 | 2,150 | 2,477 | 2,477 |
| BF[Base Fuel Revenues] | 1,128 | 1,476 | 1,813 | 1,813 |
| BG[Fuel Clause Revenues] | (35) | (22) | (66) | (66) |
| BH[CO2 EA Rider] | | | | |
| BI[OSS Sharing Credit Rider] | (21) | (14) | (10) | (10) |
| BJ[Environment Tracker] | 372 | 577 | 638 | 5,113 |
| BK[Capacity Performance Insurance] | | | | |
| BL[Total Generation Revenues] | 3,069 | 4,167 | 4,853 | 4,853 |
| BM[Transmission Revenues] | | | | |
| BN[I] | 1 | 1 | 1 | 12 |
| BO[Total Base Transmission Revenues (calc)] | 126 | 167 | 192 | 1,735 |
| BP[else] | | | | |
| BQ[Total Base Transmission Revenues (actual rate)] | | | | |
| BR[end H] | | | | |
| BS[Base Transmission Revenues] | 126 | 167 | 192 | 192 |
| BT[Total Transmission Revenues] | 126 | 167 | 192 | 192 |
| BU[Distribution Revenues] | | | | |
| BV[I] | 1 | 1 | 1 | 12 |
| BW[Total Base Distribution Revenues (calc)] | 1,193 | 1,577 | 1,817 | 16,399 |
| BX[else] | | | | |
| BY[Total Base Distribution Revenues (actual rate)] | | | | |
| BZ[end H] | | | | |
| CA[Base Distribution Revenues] | 1,193 | 1,577 | 1,817 | 1,817 |
| CB[Merger Savings Credit] | | | | |
| CC[DSM Rider] | 119 | 156 | 192 | 192 |
| CD[Save-a-Watt Rider] | | | | |
| CE[Total Distribution Revenues] | 1,310 | 1,733 | 2,009 | 2,008 |
| CF[else] | | | | |
| CG[Total Unbilled Revenue Balance] | 4,505 | 6,067 | 7,053 | 7,053 |
| CH[else] | | | | |
| CI[Prior Month Balance] | | | | |
| CJ[I] | 1 | 1 | 1 | 12 |
| CK[Base Generation Revenues] | 1,637 | 1,624 | 2,150 | 22,397 |
| CL[Base Fuel Revenues] | 1,203 | 1,128 | 1,476 | 16,332 |
| CM[Fuel Clause Revenues] | 16 | (35) | (22) | 243 |
| CN[CO2 EA Rider] | | | | |
| CO[OSS Sharing Credit Rider] | (14) | (21) | (14) | (210) |
| CP[Environment Tracker] | 380 | 372 | 577 | 4,995 |
| CQ[Capacity Performance Insurance] | | | | |
| CR[Base Transmission Revenues] | 127 | 126 | 167 | 1,728 |
| CS[Base Distribution Revenues] | 1,201 | 1,191 | 1,577 | 16,332 |
| CT[Merger Savings Credit] | | | | |
| CU[DSM Rider] | 127 | 119 | 156 | 1,712 |
| CV[Save-a-Watt Rider] | | | | |
| CW[else] | | | | |
| CX[Input Base Gen] | | | | |
| CY[Input Base Fuel] | | | | |
| CA[Input Fuel Clause] | | | | |
| DA[Input CO2 EA Rider] | | | | |
| DB[Input OSS Credit] | | | | |
| DC[Input Environ Tracker] | | | | |
| DD[Input Capacity Performance Insurance] | | | | |
| DE[Input Base Trans] | | | | |
| DF[Input Base Dist] | | | | |
| DG[Input Merger C] | | | | |
| DH[Input DSM] | | | | |
| DI[Input S&W] | | | | |
| Dj[end H] | | | | |
| DK[else] | | | | |
| DL[Change in Unbilled Revenues] | | | | |
| DM[Generation Revenues] | (13) | 526 | 327 | 92 |
| DN[Base Generation Revenues] | (74) | 348 | 326 | 67 |
| DO[Base Fuel Revenues] | (53) | 13 | (44) | (27) |
| DP[Fuel Clause Revenues] | | | | |
| DQ[CO2 EA Rider] | (7) | 7 | 4 | (7) |
| DR[OSS Sharing Credit Rider] | (5) | 205 | 61 | 118 |
| DS[Environment Tracker] | | | | |
| DT[Capacity Performance Insurance] | (153) | 1,098 | 685 | 248 |
| DU[Total Generation Revenues] | | | | |
| DV[Transmission Revenues] | (3) | 41 | 25 | 7 |
| DW[Base Transmission Revenues] | (3) | 41 | 25 | 7 |
| DX[Total Transmission Revenues] | | | | |
| DY[Distribution Revenues] | (10) | 386 | 240 | 67 |
| DZ[Base Distribution Revenues] | | | | |
| EA[Merger Savings Credit] | (8) | 37 | 36 | 1 |
| EB[DSM Rider] | | | | |
| EC[Save-a-Watt Rider] | (18) | 433 | 275 | 68 |
| ED[Total Distribution Revenues] | | | | |
| EE[else] | | | | |
| EF[Total Change in Unbilled Revenues] | (173) | 1,562 | 986 | 323 |
| EG[else] | | | | |
| EY[Street Light] | | | | |
| B[Input] | | | | |
| C[Unbilled MWh Balance] | | | | |
| D[MWh Sales] | 1,099 | 1,164 | 1,163 | 13,661 |
| E[Prior Unbilled Balance Override Input] | | | | |
| F[Base Generation Revenues - Prior Month Balance Input] | | | | |
| G[Base Fuel Revenues - Prior Month Balance Input] | | | | |
| H[Fuel Clause Revenues - Prior Month Balance Input] | | | | |
| I[CO2 EA Rider - Prior Month Balance Input] | | | | |
| J[OSS Sharing Credit Rider - Prior Month Balance Input] | | | | |
| K[Environment Tracker - Prior Month Balance Input] | | | | |
| L[Capacity Performance Insurance - Prior Month Balance Input] | | | | |
| M[Base Transmission Revenues - Prior Month Balance Input] | | | | |
| N[Base Distribution Revenues - Prior Month Balance Input] | | | | |

| | | | | |
|---|------------|------------|------------|-----|
| O1[Merger Savings Credit - Prior Month Balance Input] | | | | |
| P[DSM Rider - Prior Month Balance Input] | | | | |
| Q[Save a Watt Rider - Prior Month Balance Input] | | | | |
| R[Total Prior Month Unbilled Balance Input] | | | | |
| S[Generation Revenues] | 38 | 39 | 39 | 475 |
| T[Base Generation Revenues] | | | | |
| U[Base Fuel Revenues] | 26 | 28 | 28 | 326 |
| V[Fuel Clause Revenues] | (1) | (0) | (1) | 5 |
| W[CO2 EA Rider] | | | | |
| X[OSS Sharing Credit Rider] | (0) | (0) | (0) | (4) |
| Y[Environment Tracker] | 9 | 11 | 10 | 101 |
| Z[Capacity Performance Insurance] | | | | |
| AA[Transmission Revenues] | | | | |
| AB[Base Transmission Revenues] | 3 | 3 | 3 | 40 |
| AC[Distribution Revenues] | | | | |
| AD[Base Distribution Revenues] | 51 | 52 | 52 | 633 |
| AE[Merger Savings Credit] | | | | |
| AF[DSM Rider] | | | | |
| AG[Save a Watt Rider] | | | | |
| AH[Average Rates] | | | | |
| AI[Total Generation Base Rate - December prior year actual] | | | | |
| AJ[Base Generation Revenue/MWh] | 0.034966 | 0.033917 | 0.033724 | 0 |
| AK[Base Fuel Revenue/MWh] | 0.022627 | 0.022627 | 0.022627 | 0 |
| AL[Fuel Clause Revenue/MWh] | (0.000736) | (0.000352) | (0.000864) | 0 |
| AM[CO2 EA Rider/MWh] | | | | |
| AN[OSS Sharing Credit Rider/MWh] | (0.000439) | (0.000200) | (0.000111) | 0 |
| AO[Environment Tracker/MWh] | 0 | 0 | 0 | 0 |
| AP[Capacity Performance Insurance/MWh] | | | | |
| AQ[Total Transmission Base Rate - December prior year actual] | | | | |
| AR[Base Transmission Revenue/MWh] | 0.002917 | 0.002796 | 0.002814 | 0 |
| AS[Total Distribution Base Rate - December prior year actual] | | | | |
| AT[Base Distribution Revenue/MWh] | 0.046617 | 0.044886 | 0.044962 | 0 |
| AU[Merger Savings Credit/MWh] | 0 | 0 | 0 | 0 |
| AV[DSM Rider/MWh] | 0 | 0 | 0 | 0 |
| AW[Save a Watt Rider/MWh] | 0 | 0 | 0 | 0 |
| AX[Unbilled Revenue Balance] | | | | |
| AY[Generation Revenues] | 1 | 1 | 1 | 12 |
| AZ[] | | | | |
| BA[Total Base Generation Revenues (calc)] | | | | |
| BB[] | | | | |
| BC[Total Base Generation Revenues (actual rate)] | | | | |
| BD[] | | | | |
| BE[Total Base Generation Revenues] | | | | |
| BF[Base Fuel Revenues] | | | | |
| BG[Fuel Clause Revenues] | | | | |
| BH[CO2 EA Rider] | | | | |
| BI[OSS Sharing Credit Rider] | | | | |
| BJ[Environ Tracker] | | | | |
| BK[Capacity Performance Insurance] | | | | |
| BL[Total Generation Revenues] | | | | |
| BM[Transmission Revenues] | | | | |
| BN[] | | | | |
| BO[Total Base Transmission Revenues (calc)] | 1 | 1 | 1 | 12 |
| BP[] | | | | |
| BQ[Total Base Transmission Revenues (actual rate)] | | | | |
| BR[] | | | | |
| BS[Base Transmission Revenues] | | | | |
| BT[Total Transmission Revenues] | | | | |
| BV[] | | | | |
| BW[Total Base Distribution Revenues (calc)] | 1 | 1 | 1 | 12 |
| BX[] | | | | |
| BY[Total Base Distribution Revenues (actual rate)] | | | | |
| BZ[] | | | | |
| CA[Base Distribution Revenues] | | | | |
| CB[Merger Savings Credit] | | | | |
| CC[DSM Rider] | | | | |
| CD[Save a Watt Rider] | | | | |
| CE[Total Distribution Revenues] | | | | |
| CF[] | | | | |
| CG[Total Unbilled Revenue Balance] | | | | |
| CH[] | | | | |
| CI[Prior Month Balance] | 1 | 1 | 1 | 12 |
| CJ[] | | | | |
| CK[Base Generation Revenues] | | | | |
| CL[Base Fuel Revenues] | | | | |
| CM[Fuel Clause Revenues] | | | | |
| CN[CO2 EA Rider] | | | | |
| CO[OSS Sharing Credit Rider] | | | | |
| CP[Environ Tracker] | | | | |
| CQ[Capacity Performance Insurance] | | | | |
| CR[Base Transmission Revenues] | | | | |
| CS[Base Distribution Revenues] | | | | |
| CT[Merger Savings Credit] | | | | |
| CU[DSM Rider] | | | | |
| CV[Save a Watt Rider] | | | | |
| CW[] | | | | |
| CX[Input Base Gen] | | | | |
| CY[Input Base Fuel] | | | | |
| CZ[Input Fuel Clause] | | | | |
| DA[Input CO2 EA Rider] | | | | |
| DB[Input OSS Credit] | | | | |
| DC[Input Environ Tracker] | | | | |
| DD[Input Capacity Performance Insurance] | | | | |
| DE[Input Base Trans] | | | | |
| DF[Input Base Dist] | | | | |
| DG[Input Merger Cr] | | | | |
| DH[Input DSM] | | | | |
| DI[Input SAW] | | | | |
| DJ[] | | | | |
| DK[] | | | | |
| DL[Change in Unbilled Revenues] | | | | |
| DM[Generation Revenues] | | | | |
| DN[Base Generation Revenues] | | | | |
| DO[Base Fuel Revenues] | | | | |
| DP[Fuel Clause Revenues] | | | | |
| DQ[CO2 EA Rider] | | | | |
| DR[OSS Sharing Credit Rider] | | | | |
| DS[Environment Tracker] | | | | |
| DT[Capacity Performance Insurance] | | | | |
| DU[Total Generation Revenues] | | | | |
| DV[Transmission Revenues] | | | | |
| DW[Base Transmission Revenues] | | | | |
| DX[Total Transmission Revenues] | | | | |
| DY[Distribution Revenues] | | | | |
| DZ[Base Distribution Revenues] | | | | |
| EA[Merger Savings Credit] | | | | |

EB [DSM Rider]
EC [DSM a- Watt Rider]
ED [Total Distribution Revenues]
EE []
EF [Total Change in Unbilled Revenues]
EG []

| | |
|--|--|
| | |
| | |
| | |
| | |
| | |

Duke Energy Kentucky
 Analysis of Price Variance - Realization

| Price Variance | | Rate Variance | | Volume Variance | | 2021 Actual | | 2021 Budgeted | | 2020 Budgeted | | Volume Variance | change column In formula Weather | RB Weather Variance | RB Growth Variance |
|---------------------|--------------|---------------|-------------|-----------------|-------------|---------------|-------------|----------------|---------|---------------|----------------|-----------------|--|---------------------------|--------------------------|
| Billed | Usage | | RB Price | Usage | Revenue | Usage | Revenue | Usage | Revenue | Base Rate | | | | | |
| QTD 4 '21 | Residential | 329,117,634 | 10,947 | 329,117,634 | 23,301,390 | 325,276,468 | 23,013,067 | 277,376.25 | | | 277,376.25 | | | 664,910 | (387,534) |
| | Commercial | 350,066,626 | (1,448,477) | 350,066,626 | 19,713,895 | 329,605,632 | 19,925,951 | 1,236,420.59 | | | 1,236,420.59 | | | 293,954 | 942,466 |
| | Industrial | 180,018,722 | (782,042) | 180,018,722 | 8,130,672 | 208,520,659 | 10,300,647 | (1,387,932.93) | | | (1,387,932.93) | | | 62,669 | (1,450,522) |
| | Street Light | 3,223,222 | (5,105) | 3,223,222 | 291,601 | 3,426,015 | 315,225 | (18,517.93) | | | (18,517.93) | | | - | (18,518) |
| | OPA | 59,924,487 | (284,817) | 59,924,487 | 3,125,959 | 63,109,220 | 3,593,727 | (182,950.67) | | | (182,950.67) | | | 30,928 | (213,878) |
| | | 922,350,691 | (2,509,494) | 922,350,691 | 54,563,518 | 929,438,013 | 57,148,617 | (75,604.69) | | | (75,604.69) | | | 1,052,480 | (1,128,085) |
| | YTD | 3,967,541,309 | (9,529,512) | 3,967,541,309 | 233,502,771 | 3,960,942,778 | 241,305,236 | 1,727,048 | | | 1,727,048 | | YTD | 1,878,210 | (151,162) |
| YTD By Class | Residential | 1,516,485,275 | 562,991 | 1,516,485,275 | 104,297,998 | 1,487,109,845 | 101,774,743 | 1,960,264 | | | 1,960,264 | | | 1,149,781 | 810,483 |
| | Commercial | 1,536,652,599 | (5,964,525) | 1,536,652,599 | 86,162,875 | 1,367,271,703 | 81,964,947 | 10,162,453 | | | 10,162,453 | | | 541,597 | 9,620,857 |
| | Industrial | 751,561,031 | (3,587,043) | 751,561,031 | 33,891,548 | 836,857,062 | 41,717,517 | (4,248,925) | | | (4,248,925) | | | 131,224 | (4,380,149) |
| | Street Light | 12,006,964 | (94,076) | 12,006,964 | 1,087,017 | 12,466,293 | 1,161,523 | (60,429) | | | (60,429) | | | - | (40,429) |
| | OPA | 150,835,440 | (506,888) | 150,835,440 | 8,073,333 | 257,243,876 | 14,686,506 | (6,106,314) | | | (6,106,314) | | | 55,609 | (6,161,924) |
| | YTD | 3,967,541,309 | (9,529,512) | 3,967,541,309 | 233,502,771 | 3,960,942,778 | 241,305,236 | 1,727,048 | | | 1,727,048 | | YTD | 1,878,210 | (151,162) |

Duke Energy Kentucky
 Analysis of Price Variance - Realization

| Volume Variance | | 2021 Actual Usage | 2021 Budgeted Usage | Rate Variance | RB Price | Dec 2020 Actual Base Rate | 2020 Budgeted Base Rate | Volume Variance | change column in formula Weather | RB Weather Variance | RB Growth Variance |
|---------------------|--------------|-------------------|---------------------|---------------|----------|---------------------------|-------------------------|-----------------|----------------------------------|---------------------|--------------------|
| Unbilled | | | | | | | | | | | |
| | Commercial | (3,993,707) | (3,391,736) | (601.971) | 0.006479 | (73,910) | 0.055879267 | (29,737.36) | (1,578,249) | (52,906) | 53,168 |
| | Industrial | (2,046,262) | (2,953,364) | 907.102 | 0.004615 | 3,027 | 0.043814949 | 35,558.39 | (304,571) | (11,939) | 47,498 |
| | Street Light | - | - | - | - | - | - | - | - | - | - |
| | OPA | (991,854) | (952,004) | 50,150 | 0.010974 | 14,362 | 0.057473962 | 0.046500000 | 2,331.96 | (334,083) | (15,535) |
| | | (11,519,621) | 6,815,127 | (18,335,048) | | 144,465 | | (1,094,526.40) | (17,657,073) | (1,015,409) | (79,118) |
| QTD 4 '21 | | | | | | | | | | | |
| | Residential | 4,813,266 | 25,602,951 | (20,789,685) | | 49,814 | | (1,234,160.32) | | (1,360,613) | 126,453 |
| | Commercial | (5,715,973) | (2,473,435) | (3,242,538) | | (163,540) | | (157,187.23) | | (188,849) | 31,662 |
| | Industrial | (474,931) | (742,178) | 267,247 | | 71,817 | | 9,828.02 | | (35,207) | 45,035 |
| | Street Light | - | - | - | | - | | - | | - | - |
| | OPA | 43,587 | 595,468 | (551,881) | | 25,083 | | (26,271.92) | | (30,168) | 3,896 |
| | | (1,334,051) | 22,962,805 | (24,316,856) | | (16,628) | | (1,407,791.44) | | (1,614,838) | 207,046 |
| YTD | | (32,437,903) | (16,877,804) | (15,560,099) | | (1,998,683) | | (786,263) | YTD | 26,283 | (812,546) |
| YTD By Class | | | | | | | | | YTD By Class | | |
| | Residential | (19,300,429) | 2,830,282 | (22,130,711) | | (5,066,200) | | (1,277,625) | Residential | (775,658) | (501,967) |
| | Commercial | (3,428,301) | (423,402) | (3,004,899) | | (2,609,557) | | (205,250) | Commercial | (79,612) | (125,638) |
| | Industrial | (584,931) | (508,149) | (76,782) | | (1,167,470) | | (62,832) | Industrial | (10,991) | (51,841) |
| | Street Light | - | - | - | | - | | - | Street Light | - | - |
| | OPA | (20,062) | (264,688) | 244,626 | | (523,231) | | (36,736) | OPA | (13,477) | (23,259) |
| | | (23,333,723) | 1,634,042 | (24,967,765) | | (9,366,457) | | (1,582,443) | | (879,739) | (702,704) |

| October | November | December |
|-------------|-------------|-------------|
| 47,328,252 | 61,929,485 | 76,041,715 |
| 55,378,720 | 56,837,618 | 53,445,882 |
| 32,937,116 | 33,236,244 | 30,282,880 |
| 15,213,304 | 15,649,993 | 14,696,990 |
| 150,857,393 | 167,652,340 | 174,467,466 |

| October | November | December |
|---------|----------|----------|
| - | - | - |

| October | November | December |
|---------|----------|----------|
| - | - | - |

| October | November | December |
|---------|----------|----------|
| 0.06214 | 0.06288 | 0.05900 |
| 0.04812 | 0.04849 | 0.04940 |
| 0.04060 | 0.03960 | 0.03920 |
| 0.04670 | 0.04850 | 0.04650 |

Duke Energy Kentucky
 Analysis of Price Variance - Realization

| | | Unbilled | | Billed | | Unbilled | | Billed | |
|-----------------|--------------------------|-----------|----------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|
| Volume Variance | | RB Price | RB Price | RB Weather Variance | RB Weather Variance | RB Weather Variance | RB Weather Variance | RB Growth Variance | RB Growth Variance |
| Unbilled | | | | | | | | | |
| Nov-21 | Res Transportation - 11 | (13,249) | 79,043 | 65,794 | 344,443 | (51,204) | 293,240 | (364,447) | |
| | Comm Transportation - 11 | (423,496) | (16,657) | (440,143) | 79,193 | (49,764) | 29,429 | 196,335 | |
| | Ind Transportation - 11 | (229,365) | 31,340 | (198,025) | 13,678 | (10,538) | 3,140 | (519,831) | |
| | SL Transportation - 11 | (638) | - | (638) | - | - | - | (7,300) | |
| | OPA Transportation - 11 | (110,422) | (20,086) | (130,388) | 7,508 | (7,052) | 456 | (90,856) | |
| | General Service - 11 | (777,691) | 73,669 | (703,401) | 444,922 | (119,557) | 326,365 | (786,099) | |
| | | (533,809) | (36,722) | (570,531) | 86,701 | (56,816) | 29,885 | 105,479 | |
| Dec-21 | Res Transportation - 12 | 77,182 | 200,987 | 278,169 | (424,578) | (905,029) | (1,329,607) | 405,905 | |
| | Comm Transportation - 12 | (474,209) | (73,910) | (548,120) | (49,521) | (82,906) | (132,427) | 441,451 | |
| | Ind Transportation - 12 | (266,979) | 3,027 | (263,952) | (5,373) | (11,939) | (17,312) | (409,028) | |
| | SL Transportation - 12 | (1,118) | - | (1,118) | - | - | - | (8,702) | |
| | OPA Transportation - 12 | (78,690) | 14,362 | (65,329) | (5,796) | (15,535) | (21,331) | (16,279) | |
| | General Service - 12 | (744,815) | 144,465 | (600,349) | (485,289) | (1,015,409) | (1,500,678) | 413,347 | |
| | | (563,900) | (69,548) | (613,448) | (65,318) | (88,440) | (153,758) | 425,173 | |

Duke Energy Kentucky
Determination of Billed and t

Actual-to-Budget

Residential
Billed
Change in Unbilled
Total

Commercial
Billed
Change in Unbilled
Total

Industrial
Billed
Change in Unbilled
Total

OPA
Billed
Change in Unbilled
Total

Total
Billed
Change in Unbilled
Total

Duke Energy Kentucky Electric
 (in MWH)
 2017/2019/2019/2020

| Billed Sales | | 2021 | 2021 | 2021 | 2021 | 2021 | 2021 |
|--------------|-------------------|---------|---------|-----------|---------|----------|----------|
| | | July | August | September | October | November | December |
| Billed Sales | Res | 148,966 | 150,486 | 146,104 | 104,878 | 95,319 | 123,921 |
| Billed Sales | Com | 150,267 | 137,040 | 139,743 | 119,719 | 108,133 | 122,215 |
| Billed Sales | Ind | 65,651 | 66,584 | 67,790 | 60,718 | 58,186 | 61,115 |
| Billed Sales | SL | 1,071 | 1,073 | 1,076 | 1,072 | 1,084 | 1,067 |
| Billed Sales | OPA | 10,222 | 22,021 | 23,164 | 20,708 | 19,128 | 20,089 |
| Billed Sales | Interdepartmental | 44 | 45 | 47 | 51 | 40 | 101 |
| | | 376,220 | 377,249 | 377,924 | 307,146 | 281,889 | 333,508 |

| Conversion Factor @ 65 degree base | | July | August | September | October | November | December |
|------------------------------------|-------------------|------------|------------|------------|------------|------------|------------|
| Conversion Factor @ 65 degree base | Res | 1.00644394 | 0.99327849 | 0.92897755 | 0.90134497 | 0.95066552 | 1.04848652 |
| Conversion Factor @ 65 degree base | Com | 1.00203558 | 0.99773022 | 0.97799670 | 0.96398850 | 0.96820048 | 1.00694721 |
| Conversion Factor @ 65 degree base | Ind | 1.00125303 | 0.98863007 | 0.98604431 | 0.98225123 | 0.99529562 | 1.00182668 |
| Conversion Factor @ 65 degree base | SL | 1 | 1 | 1 | 1 | 1 | 1 |
| Conversion Factor @ 65 degree base | OPA | 1.00164886 | 0.99815777 | 0.98333639 | 0.97505721 | 0.99333235 | 1.00520571 |
| Conversion Factor @ 65 degree base | Interdepartmental | 1 | 1 | 1 | 1 | 1 | 1 |

| Weather Normal | | Billed | Billed | Billed | Billed | Billed | Billed |
|----------------|-------------------|---------|---------|-----------|---------|----------|----------|
| | | July | August | September | October | November | December |
| Weather Normal | Res | 149,926 | 149,474 | 135,727 | 94,531 | 90,616 | 135,171 |
| Weather Normal | Com | 150,575 | 136,729 | 136,668 | 115,398 | 106,857 | 123,064 |
| Weather Normal | Ind | 65,733 | 66,492 | 66,844 | 59,640 | 57,913 | 61,226 |
| Weather Normal | SL | 1,071 | 1,073 | 1,076 | 1,072 | 1,084 | 1,067 |
| Weather Normal | OPA | 10,239 | 21,981 | 22,778 | 20,191 | 19,000 | 20,194 |
| Weather Normal | Interdepartmental | 44 | 45 | 47 | 51 | 40 | 101 |
| | | 377,588 | 375,795 | 363,141 | 290,884 | 275,510 | 340,824 |

| Weather | | July | August | September | October | November | December |
|---------|-------------------|---------|--------|-----------|---------|----------|----------|
| Weather | Res | (960) | 1,011 | 10,377 | 10,347 | 4,703 | (6,251) |
| Weather | Com | (309) | 311 | 3,075 | 4,321 | 1,276 | (849) |
| Weather | Ind | (82) | 91 | 946 | 1,078 | 274 | (112) |
| Weather | SL | - | - | - | - | - | - |
| Weather | OPA | (17) | 41 | 386 | 517 | 128 | (105) |
| Weather | Interdepartmental | - | - | - | - | - | - |
| | | (1,368) | 1,454 | 14,784 | 16,262 | 6,380 | (7,316) |

https://collaborate.duke-energy.com/sites/2022KYGRCC/KyPSC Case No 202200xxx K

INCLUDE ZEROES IN CSV FILE- MAKE SURE THERE ARE ZEROES IN NOTEPAD VERSION AND NOT ALL COMMAS

REFERENCES
 Stats from report 357420H KY
 (formula from file)



DEOK Factors+Ratios
 (email from Tiffany Loveless)
 column X
 column Y
 column Z
 N/A
 column AA
 N/A

FORMULA
 Sales x Conversion Factor



FORMULA
 Billed Sales - Weather Normal



**Unbilled Revenue Pricing (In Thousands)
For Month Ended December 2021**

| | A | B | A x B | C |
|---|---|-----------------------------|---------------------------|---|
| | Actual Unbilled Sales (Kwh) or (MCF) | Total Price For Unbilled | Total Unbilled Revenue | "Normal" Weather Unbilled (Kwh) or (MCF) |
| Kentucky Electric Residential | 62,365,492 | 0.14407 | 8,984,807 | 77,988,624 |
| Kentucky Electric Commercial | 48,947,085 | 0.12063 | 5,904,468 | 50,695,069 |
| Kentucky Electric Industrial | 29,128,601 | 0.10957 | 3,191,549 | 29,433,172 |
| Kentucky Electric OPA | 11,227,478 | 0.11762 | 1,320,606 | 11,561,561 |
| Total Kentucky Electric Unbilled | 151,668,656 | | 19,401,430 | 169,678,426 |
| Kentucky Gas Residential | 306,337 | 15.67987 | 4,803,327 | 539,649 |
| Kentucky Gas Commercial | 160,986 | 11.51953 | 1,854,484 | 233,084 |
| Kentucky Gas Industrial | 9,882 | 12.21113 | 120,669 | 12,730 |
| Kentucky Gas OPA | 10,126 | 11.99250 | 121,437 | 16,361 |
| Total Kentucky Gas Unbilled | 487,331 | | 6,899,917 | 801,824 |
| Total Kentucky Unbilled | 152,155,987 | | 26,301,347 | 170,480,250 |

**Duke Energy Kentucky
 Schedule of Weather Normal Revenue
 For Years 2018, 2019, 2020, 2021
 And Months of 2022
 in thousands**

| | FY 2018 | FY 2019 | FY 2020 | FY 2021 | Jan 2022 | Feb 2022 | Mar 2022 | Apr 2022 | May 2022 | Jun 2022 | Jul 2022 | Aug 2022 | Sep 2022 | Oct 2022 | Nov 2022 | Dec 2022 |
|---|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Billed Base Revenue excluding Fuel Weather | 211,592 7,784 | 211,470 4,605 | 215,913 (1,286) | 233,611 1,878 | 20,446 779 | 20,918 117 | 17,043 592 | 12,754 (216) | 17,227 (624) | 13,468 (743) | 29,301 (886) | 24,479 (278) | 22,919 301 | 17,222 27 | 15,692 115 | 19,887 85 |
| WN Billed Base Revenues excluding th t | | 206,865 | 217,198 | 231,733 | 19,667 | 20,802 | 16,451 | 12,970 | 17,851 | 14,211 | 30,187 | 24,756 | 22,619 | 17,195 | 15,577 | 19,802 |

Duke Energy Kentucky
Case No. 2022-00372
Attorney General's Second Set Data Requests
Date Received: February 16, 2023

PUBLIC AG-DR-02-060

REQUEST:

Refer to Duke Kentucky's response to the Attorney General's First Request, Item 126. The response provides only the values resulting from the actuarial analyses and the assumptions, no data and no calculations. Provide the entirety of the analyses and all related correspondence from the Company's actuaries, including, but not limited to, the data and calculations of each component of the pension and Other Post-Employment Benefits ("OPEB") costs and the related expense in Excel live format with all formulas intact, e.g., the fair value of the trust fund assets and the return on those assets, the relevant liabilities, and the interest on those liabilities, etc.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment only)

Please see AG-DR-02-060 Confidential Attachment.

PERSON RESPONSIBLE: Jacob J. Stewart

**CONFIDENTIAL PROPRIETARY TRADE
SECRET**

**AG-DR-02-060
CONFIDENTIAL ATTACHMENT**

FILED UNDER SEAL