

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

**IN THE MATTER OF THE ADJUSTMENT
OF NATURAL GAS RATES OF DUKE ENERGY KENTUCKY, INC.**

CASE NO. 2021-00190

FILING REQUIREMENTS

VOLUME 11

Duke Energy Kentucky, Inc.
Case No. 2021-00190
Forecasted Test Period Filing Requirements
Table of Contents

Vol. #	Tab #	Filing Requirement	Description	Sponsoring Witness
1	1	KRS 278.180	30 days' notice of rates to PSC.	Amy B. Spiller
1	2	807 KAR 5:001 Section 7(1)	The original and 10 copies of application plus copy for anyone named as interested party.	Amy B. Spiller
1	3	807 KAR 5:001 Section 12(2)	<p>(a) Amount and kinds of stock authorized.</p> <p>(b) Amount and kinds of stock issued and outstanding.</p> <p>(c) Terms of preference of preferred stock whether cumulative or participating, or on dividends or assets or otherwise.</p> <p>(d) Brief description of each mortgage on property of applicant, giving date of execution, name of mortgagor, name of mortgagee, or trustee, amount of indebtedness authorized to be secured thereby, and the amount of indebtedness actually secured, together with any sinking fund provisions.</p> <p>(e) Amount of bonds authorized, and amount issued, giving the name of the public utility which issued the same, describing each class separately, and giving date of issue, face value, rate of interest, date of maturity and how secured, together with amount of interest paid thereon during the last fiscal year.</p> <p>(f) Each note outstanding, giving date of issue, amount, date of maturity, rate of interest, in whose favor, together with amount of interest paid thereon during the last fiscal year.</p> <p>(g) Other indebtedness, giving same by classes and describing security, if any, with a brief statement of the devolution or assumption of any portion of such indebtedness upon or by person or corporation if the original liability has been transferred, together with amount of interest paid thereon during the last fiscal year.</p> <p>(h) Rate and amount of dividends paid during the five (5) previous fiscal years, and the amount of capital stock on which dividends were paid each year.</p> <p>(i) Detailed income statement and balance sheet.</p>	Chris R. Bauer Bryan T. Manges
1	4	807 KAR 5:001 Section 14(1)	Full name, mailing address, and electronic mail address of applicant and reference to the particular provision of law requiring PSC approval.	Amy B. Spiller
1	5	807 KAR 5:001 Section 14(2)	If a corporation, the applicant shall identify in the application the state in which it is incorporated and the date of its incorporation, attest that it is currently in good standing in the state in which it is incorporated, and, if it is not a Kentucky corporation, state if it is authorized to transact business in Kentucky.	Amy B. Spiller

1	6	807 KAR 5:001 Section 14(3)	If a limited liability company, the applicant shall identify in the application the state in which it is organized and the date on which it was organized, attest that it is in good standing in the state in which it is organized, and, if it is not a Kentucky limited liability company, state if it is authorized to transact business in Kentucky.	Amy B. Spiller
1	7	807 KAR 5:001 Section 14(4)	If the applicant is a limited partnership, a certified copy of its limited partnership agreement and all amendments, if any, shall be annexed to the application, or a written statement attesting that its partnership agreement and all amendments have been filed with the commission in a prior proceeding and referencing the case number of the prior proceeding.	Amy B. Spiller
1	8	807 KAR 5:001 Section 16 (1)(b)(1)	Reason adjustment is required.	Amy B. Spiller Sarah E. Lawler
1	9	807 KAR 5:001 Section 16 (1)(b)(2)	Certified copy of certificate of assumed name required by KRS 365.015 or statement that certificate not necessary.	Amy B. Spiller
1	10	807 KAR 5:001 Section 16 (1)(b)(3)	New or revised tariff sheets, if applicable in a format that complies with 807 KAR 5:011 with an effective date not less than thirty (30) days from the date the application is filed	Jeff L. Kern
1	11	807 KAR 5:001 Section 16 (1)(b)(4)	Proposed tariff changes shown by present and proposed tariffs in comparative form or by indicating additions in italics or by underscoring and striking over deletions in current tariff.	Jeff L. Kern
1	12	807 KAR 5:001 Section 16 (1)(b)(5)	A statement that notice has been given in compliance with Section 17 of this administrative regulation with a copy of the notice.	Amy B. Spiller
1	13	807 KAR 5:001 Section 16(2)	If gross annual revenues exceed \$5,000,000, written notice of intent filed at least 30 days, but not more than 60 days prior to application. Notice shall state whether application will be supported by historical or fully forecasted test period.	Amy B. Spiller
1	14	807 KAR 5:001 Section 16(3)	Notice given pursuant to Section 17 of this administrative regulation shall satisfy the requirements of 807 KAR 5:051, Section 2.	Amy B. Spiller
1	15	807 KAR 5:001 Section 16(6)(a)	The financial data for the forecasted period shall be presented in the form of pro forma adjustments to the base period.	Abby L. Motsinger
1	16	807 KAR 5:001 Section 16(6)(b)	Forecasted adjustments shall be limited to the twelve (12) months immediately following the suspension period.	Jay P. Brown David G. Raiford Abby L. Motsinger
1	17	807 KAR 5:001 Section 16(6)(c)	Capitalization and net investment rate base shall be based on a thirteen (13) month average for the forecasted period.	Jay P. Brown
1	18	807 KAR 5:001 Section 16(6)(d)	After an application based on a forecasted test period is filed, there shall be no revisions to the forecast, except for the correction of mathematical errors, unless the revisions reflect statutory or regulatory enactments that could not, with reasonable diligence, have been included in the forecast on the date it was filed. There shall be no revisions filed within thirty (30) days of a scheduled hearing on the rate application.	Abby L. Motsinger

1	19	807 KAR 5:001 Section 16(6)(e)	The commission may require the utility to prepare an alternative forecast based on a reasonable number of changes in the variables, assumptions, and other factors used as the basis for the utility's forecast.	Abby L. Motsinger
1	20	807 KAR 5:001 Section 16(6)(f)	The utility shall provide a reconciliation of the rate base and capital used to determine its revenue requirements.	Jay P. Brown
1	21	807 KAR 5:001 Section 16(7)(a)	Prepared testimony of each witness supporting its application including testimony from chief officer in charge of Kentucky operations on the existing programs to achieve improvements in efficiency and productivity, including an explanation of the purpose of the program.	All Witnesses
1	22	807 KAR 5:001 Section 16(7)(b)	Most recent capital construction budget containing at minimum 3 year forecast of construction expenditures.	Abby L. Motsinger Brian R. Weisker
1	23	807 KAR 5:001 Section 16(7)(c)	Complete description, which may be in prefiled testimony form, of all factors used to prepare forecast period. All econometric models, variables, assumptions, escalation factors, contingency provisions, and changes in activity levels shall be quantified, explained, and properly supported.	Abby L. Motsinger
1	24	807 KAR 5:001 Section 16(7)(d)	Annual and monthly budget for the 12 months preceding filing date, base period and forecasted period.	Abby L. Motsinger
1	25	807 KAR 5:001 Section 16(7)(e)	Attestation signed by utility's chief officer in charge of Kentucky operations providing: 1. That forecast is reasonable, reliable, made in good faith and that all basic assumptions used have been identified and justified; and 2. That forecast contains same assumptions and methodologies used in forecast prepared for use by management, or an identification and explanation for any differences; and 3. That productivity and efficiency gains are included in the forecast.	Amy B. Spiller
1	26	807 KAR 5:001 Section 16(7)(f)	For each major construction project constituting 5% or more of annual construction budget within 3 year forecast, following information shall be filed: 1. Date project began or estimated starting date; 2. Estimated completion date; 3. Total estimated cost of construction by year exclusive and inclusive of Allowance for Funds Used During construction ("AFUDC") or Interest During construction Credit; and 4. Most recent available total costs incurred exclusive and inclusive of AFUDC or Interest During Construction Credit.	Abby L. Motsinger Brian R. Weisker
1	27	807 KAR 5:001 Section 16(7)(g)	For all construction projects constituting less than 5% of annual construction budget within 3 year forecast, file aggregate of information requested in paragraph (f) 3 and 4 of this subsection.	Abby L. Motsinger Brian R. Weisker

1	28	807 KAR 5:001 Section 16(7)(h)	Financial forecast for each of 3 forecasted years included in capital construction budget supported by underlying assumptions made in projecting results of operations and including the following information: 1. Operating income statement (exclusive of dividends per share or earnings per share); 2. Balance sheet; 3. Statement of cash flows; 4. Revenue requirements necessary to support the forecasted rate of return; 5. Load forecast including energy and demand (electric); 6. Access line forecast (telephone); 7. Mix of generation (electric); 8. Mix of gas supply (gas); 9. Employee level; 10. Labor cost changes; 11. Capital structure requirements; 12. Rate base; 13. Gallons of water projected to be sold (water); 14. Customer forecast (gas, water); 15. MCF sales forecasts (gas); 16. Toll and access forecast of number of calls and number of minutes (telephone); and 17. A detailed explanation of any other information provided.	Abby L. Motsinger Brian R. Weisker Benjamin W. Passty
1	29	807 KAR 5:001 Section 16(7)(i)	Most recent FERC or FCC audit reports.	Bryan T. Manges
1	30	807 KAR 5:001 Section 16(7)(j)	Prospectuses of most recent stock or bond offerings.	Chris R. Bauer
1	31	807 KAR 5:001 Section 16(7)(k)	Most recent FERC Form 1 (electric), FERC Form 2 (gas), or PSC Form T (telephone).	Bryan T. Manges
2	32	807 KAR 5:001 Section 16(7)(l)	Annual report to shareholders or members and statistical supplements for the most recent 2 years prior to application filing date.	Chris R. Bauer
3	33	807 KAR 5:001 Section 16(7)(m)	Current chart of accounts if more detailed than Uniform System of Accounts charts.	Bryan T. Manges
3	34	807 KAR 5:001 Section 16(7)(n)	Latest 12 months of the monthly managerial reports providing financial results of operations in comparison to forecast.	Bryan T. Manges
3	35	807 KAR 5:001 Section 16(7)(o)	Complete monthly budget variance reports, with narrative explanations, for the 12 months prior to base period, each month of base period, and subsequent months, as available.	Bryan T. Manges Abby L. Motsinger
3-9	36	807 KAR 5:001 Section 16(7)(p)	SEC's annual report for most recent 2 years, Form 10-Ks and any Form 8-Ks issued during prior 2 years and any Form 10-Qs issued during past 6 quarters.	Bryan T. Manges
10	37	807 KAR 5:001 Section 16(7)(q)	Independent auditor's annual opinion report, with any written communication which indicates the existence of a material weakness in internal controls.	Bryan T. Manges
10	38	807 KAR 5:001 Section 16(7)(r)	Quarterly reports to the stockholders for the most recent 5 quarters.	Chris R. Bauer

10	39	807 KAR 5:001 Section 16(7)(s)	Summary of latest depreciation study with schedules itemized by major plant accounts, except that telecommunications utilities adopting PSC's average depreciation rates shall identify current and base period depreciation rates used by major plant accounts. If information has been filed in another PSC case, refer to that case's number and style.	John J. Spanos
10	40	807 KAR 5:001 Section 16(7)(t)	List all commercial or in-house computer software, programs, and models used to develop schedules and work papers associated with application. Include each software, program, or model; its use; identify the supplier of each; briefly describe software, program, or model; specifications for computer hardware and operating system required to run program	Jay P. Brown
10	41	807 KAR 5:001 Section 16(7)(u)	If utility had any amounts charged or allocated to it by affiliate or general or home office or paid any monies to affiliate or general or home office during the base period or during previous 3 calendar years, file: 1. Detailed description of method of calculation and amounts allocated or charged to utility by affiliate or general or home office for each allocation or payment; 2. method and amounts allocated during base period and method and estimated amounts to be allocated during forecasted test period; 3. Explain how allocator for both base and forecasted test period was determined; and 4. All facts relied upon, including other regulatory approval, to demonstrate that each amount charged, allocated or paid during base period is reasonable.	Jeffrey R. Setser
10	42	807 KAR 5:001 Section 16(7)(v)	If gas, electric or water utility with annual gross revenues greater than \$5,000,000, cost of service study based on methodology generally accepted in industry and based on current and reliable data from single time period.	James E. Ziolkowski
10	43	807 KAR 5:001 Section 16(7)(w)	Local exchange carriers with fewer than 50,000 access lines need not file cost of service studies, except as specifically directed by PSC. Local exchange carriers with more than 50,000 access lines shall file: 1. Jurisdictional separations study consistent with Part 36 of the FCC's rules and regulations; and 2. Service specific cost studies supporting pricing of services generating annual revenue greater than \$1,000,000 except local exchange access: a. Based on current and reliable data from single time period; and b. Using generally recognized fully allocated, embedded, or incremental cost principles.	Not Applicable
10	44	807 KAR 5:001 Section 16(8)(a)	Jurisdictional financial summary for both base and forecasted periods detailing how utility derived amount of requested revenue increase.	Jay P. Brown

10	45	807 KAR 5:001 Section 16(8)(b)	Jurisdictional rate base summary for both base and forecasted periods with supporting schedules which include detailed analyses of each component of the rate base.	Jay P. Brown David G. Raiford Abby L. Motsinger John R. Panizza James E. Ziolkowski Bryan T. Manges
10	46	807 KAR 5:001 Section 16(8)(c)	Jurisdictional operating income summary for both base and forecasted periods with supporting schedules which provide breakdowns by major account group and by individual account.	Jay P. Brown
10	47	807 KAR 5:001 Section 16(8)(d)	Summary of jurisdictional adjustments to operating income by major account with supporting schedules for individual adjustments and jurisdictional factors.	Jay P. Brown David G. Raiford Abby L. Motsinger James E. Ziolkowski
10	48	807 KAR 5:001 Section 16(8)(e)	Jurisdictional federal and state income tax summary for both base and forecasted periods with all supporting schedules of the various components of jurisdictional income taxes.	John R. Panizza
10	49	807 KAR 5:001 Section 16(8)(f)	Summary schedules for both base and forecasted periods (utility may also provide summary segregating items it proposes to recover in rates) of organization membership dues; initiation fees; expenditures for country club; charitable contributions; marketing, sales, and advertising; professional services; civic and political activities; employee parties and outings; employee gifts; and rate cases.	Jay P. Brown
10	50	807 KAR 5:001 Section 16(8)(g)	Analyses of payroll costs including schedules for wages and salaries, employee benefits, payroll taxes, straight time and overtime hours, and executive compensation by title.	Jay P. Brown Jake J. Stewart
10	51	807 KAR 5:001 Section 16(8)(h)	Computation of gross revenue conversion factor for forecasted period.	Jay P. Brown
10	52	807 KAR 5:001 Section 16(8)(i)	Comparative income statements (exclusive of dividends per share or earnings per share), revenue statistics and sales statistics for 5 calendar years prior to application filing date, base period, forecasted period, and 2 calendar years beyond forecast period.	Bryan T. Manges Abby L. Motsinger
10	53	807 KAR 5:001 Section 16(8)(j)	Cost of capital summary for both base and forecasted periods with supporting schedules providing details on each component of the capital structure.	Chris R. Bauer
10	54	807 KAR 5:001 Section 16(8)(k)	Comparative financial data and earnings measures for the 10 most recent calendar years, base period, and forecast period.	David G. Raiford Abby L. Motsinger Bryan T. Manges
10	55	807 KAR 5:001 Section 16(8)(l)	Narrative description and explanation of all proposed tariff changes.	Jeff L. Kern
10	56	807 KAR 5:001 Section 16(8)(m)	Revenue summary for both base and forecasted periods with supporting schedules which provide detailed billing analyses for all customer classes.	Jeff L. Kern
10	57	807 KAR 5:001 Section 16(8)(n)	Typical bill comparison under present and proposed rates for all customer classes.	Jeff L. Kern
10	58	807 KAR 5:001 Section 16(9)	The commission shall notify the applicant of any deficiencies in the application within thirty (30) days of the application's submission. An application shall not be accepted for filing until the utility has cured all noted deficiencies.	Sarah E. Lawler

10	59	807 KAR 5:001 Section 16(10)	<p>A request for a waiver from the requirements of this section shall include the specific reasons for the request. The commission shall grant the request upon good cause shown by the utility. In determining if good cause has been shown, the commission shall consider:</p> <ol style="list-style-type: none"> 1. if other information that the utility would provide if the waiver is granted is sufficient to allow the commission to effectively and efficiently review the rate application; 2. if the information that is the subject of the waiver request is normally maintained by the utility or reasonably available to it from the information that it maintains; and 3. the expense to the utility in providing the information that is the subject of the waiver request. 	Not Applicable
10	60	807 KAR 5:001 Section (17)(1)	<p>(1) Public postings.</p> <p>(a) A utility shall post at its place of business a copy of the notice no later than the date the application is submitted to the commission.</p> <p>(b) A utility that maintains a Web site shall, within five (5) business days of the date the application is submitted to the commission, post on its Web sites:</p> <ol style="list-style-type: none"> 1. A copy of the public notice; and 2. A hyperlink to the location on the commission's Web site where the case documents are available. <p>(c) The information required in paragraphs (a) and (b) of this subsection shall not be removed until the commission issues a final decision on the application.</p>	Amy B. Spiller
10	61	807 KAR 5:001 Section 17(2)	<p>(2) Customer Notice.</p> <p>(a) If a utility has twenty (20) or fewer customers, the utility shall mail a written notice to each customer no later than the date on which the application is submitted to the commission.</p> <p>(b) If a utility has more than twenty (20) customers, it shall provide notice by:</p> <ol style="list-style-type: none"> 1. Including notice with customer bills mailed no later than the date the application is submitted to the commission; 2. Mailing a written notice to each customer no later than the date the application is submitted to the commission; 3. Publishing notice once a week for three (3) consecutive weeks in a prominent manner in a newspaper of general circulation in the utility's service area, the first publication to be made no later than the date the application is submitted to the commission; or 4. Publishing notice in a trade publication or newsletter delivered to all customers no later than the date the application is submitted to the commission. <p>(c) A utility that provides service in more than one (1) county may use a combination of the notice methods listed in paragraph (b) of this subsection.</p>	Amy B. Spiller

10	62	807 KAR 5:001 Section 17(3)	<p>(3) Proof of Notice. A utility shall file with the commission no later than forty-five (45) days from the date the application was initially submitted to the commission:</p> <p>(a) If notice is mailed to its customers, an affidavit from an authorized representative of the utility verifying the contents of the notice, that notice was mailed to all customers, and the date of the mailing;</p> <p>(b) If notice is published in a newspaper of general circulation in the utility's service area, an affidavit from the publisher verifying the contents of the notice, that the notice was published, and the dates of the notice's publication; or</p> <p>(c) If notice is published in a trade publication or newsletter delivered to all customers, an affidavit from an authorized representative of the utility verifying the contents of the notice, the mailing of the trade publication or newsletter, that notice was included in the publication or newsletter, and the date of mailing.</p>	Amy B. Spiller
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10	63	807 KAR 5:001 Section 17(4)	<p>(4) Notice Content. Each notice issued in accordance with this section shall contain:</p> <p>(a) The proposed effective date and the date the proposed rates are expected to be filed with the commission;</p> <p>(b) The present rates and proposed rates for each customer classification to which the proposed rates will apply;</p> <p>(c) The amount of the change requested in both dollar amounts and percentage change for each customer classification to which the proposed rates will apply;</p> <p>(d) The amount of the average usage and the effect upon the average bill for each customer classification to which the proposed rates will apply, except for local exchange companies, which shall include the effect upon the average bill for each customer classification for the proposed rate change in basic local service;</p> <p>(e) A statement that a person may examine this application at the offices of (utility name) located at (utility address);</p> <p>(f) A statement that a person may examine this application at the commission's offices located at 211 Sower Boulevard, Frankfort, Kentucky, Monday through Friday, 8:00 a.m. to 4:30 p.m., or through the commission's Web site at http://psc.ky.gov;</p> <p>(g) A statement that comments regarding the application may be submitted to the Public Service Commission through its Web site or by mail to Public Service Commission, Post Office Box 615, Frankfort, Kentucky 40602;</p> <p>(h) A statement that the rates contained in this notice are the rates proposed by (utility name) but that the Public Service Commission may order rates to be charged that differ from the proposed rates contained in this notice;</p> <p>(i) A statement that a person may submit a timely written request for intervention to the Public Service Commission, Post Office Box 615, Frankfort, Kentucky 40602, establishing the grounds for the request including the status and interest of the party; and</p> <p>(j) A statement that if the commission does not receive a written request for intervention within thirty (30) days of initial publication or mailing of the notice, the commission may take final action on the application.</p>	Jeff L. Kern
10	64	807 KAR 5:001 Section 17(5)	(5) Abbreviated form of notice. Upon written request, the commission may grant a utility permission to use an abbreviated form of published notice of the proposed rates, provided the notice includes a coupon that may be used to obtain all the required information.	Not Applicable

11	-	807 KAR 5:001 Section 16(8)(a) through (k)	Schedule Book (Schedules A-K)	Various
12	-	807 KAR 5:001 Section 16(8)(l) through (n)	Schedules L-N	Jeff L. Kern
13	-	-	Workpapers	Various
14	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 1 of 3)	Various
15	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 2 of 3)	Various
16	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 3 of 3)	Various
17-18	-	KRS 278.2205(6)	Cost Allocation Manual	Jeffrey R. Setser

Before

KENTUCKY PUBLIC SERVICE COMMISSION

GAS CASE NO. 2021-00190

IN THE MATTER OF THE APPLICATION
OF DUKE ENERGY KENTUCKY
FOR AUTHORITY TO INCREASE
ITS RATES FOR GAS SERVICE TO ALL
JURISDICTIONAL CONSUMERS

SCHEDULES A – K

Before

KENTUCKY PUBLIC SERVICE COMMISSION

GAS CASE NO. 2021-00190

IN THE MATTER OF THE APPLICATION
OF DUKE ENERGY KENTUCKY
FOR AUTHORITY TO INCREASE
ITS RATES FOR GAS SERVICE TO ALL
JURISDICTIONAL CONSUMERS

SECTION A

SECTION A

REVENUE REQUIREMENTS

DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended August 31, 2021

Forecasted Period: Twelve Months Ended December 31, 2022

Schedule

A Overall Financial Summary

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OVERALL FINANCIAL SUMMARY
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SEE BELOW

SCHEDULE A
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	DESCRIPTION	SUPPORTING SCHEDULE REFERENCE	JURISDICTIONAL REVENUE REQUIREMENTS	
			BASE PERIOD	FORECASTED PERIOD
1	Rate Base	B-1	425,221,454	468,321,206
2	Operating Income	C-2	20,789,872	21,653,814
3	Earned Rate of Return (Line 2 / Line 1)		4.890%	4.620%
4	Required Rate of Return	J-1	6.592%	7.060%
5	Required Operating Income (Line 1 x Line 4)		28,030,598	33,063,477
6	Operating Income Deficiency (Line 5 - Line 2)		7,240,726	11,409,663
7	Gross Revenue Conversion Factor	H	1.3346730	1.3346730
8	Revenue Deficiency (Line 6 x Line 7)		9,664,001	15,228,169
9	Revenue Increase Requested	C-1	N/A	15,228,161
10	Adjusted Operating Revenues	C-1	N/A	111,453,759
11	Revenue Requirements (Line 9 + Line 10)		N/A	126,681,920

Before

KENTUCKY PUBLIC SERVICE COMMISSION

GAS CASE NO. 2021-00190

IN THE MATTER OF THE APPLICATION
OF DUKE ENERGY KENTUCKY
FOR AUTHORITY TO INCREASE
ITS RATES FOR GAS SERVICE TO ALL
JURISDICTIONAL CONSUMERS

SECTION B

SECTION B

RATE BASE

DUKE ENERGY KENTUCKY

Base Period: As of August 31, 2021

Forecasted Period: Thirteen Month Average Ended December 31, 2022

Schedules

- B-1 Jurisdictional Rate Base Summary
- B-2 Plant in Service by Major Property Groups or Major Account (Original Cost)
 - B-2.1 Plant in Service by Accounts and Sub-accounts
 - B-2.2 Adjustments to Plant in Service
 - B-2.3 Gross Additions, Retirements and Transfer (Original Cost)
 - B-2.4 Property Merged or Acquired from Other Utilities (Other than Affiliates)
 - B-2.5 Leased Property
 - B-2.6 Property Held for Future Use Included in Rate Base
 - B-2.7 Property Excluded from Rate Base
- B-3 Accumulated Depreciation and Amortization
 - B-3.1 Adjustments to Accumulated Depreciation and Amortization
 - B-3.2 Depreciation and Amortization Accrual Rates and Jurisdictional Accumulated Balance by Accounts, Functional Class or Major Property Group
- B-4 Construction Work in Progress
- B-5 Allowance for Working Capital
 - B-5.1 Working Capital Components
- B-6 Certain Deferred Credits and Accumulated Deferred Income Taxes
- B-7 Jurisdictional Percentage
 - B-7.1 Jurisdictional Statistics - Rate Base
 - B-7.2 Explanation of Changes in Jurisdictional Procedures - Rate Base
- B-8 Comparative Balance Sheets (Total Company)

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
JURISDICTIONAL RATE BASE SUMMARY
AS OF AUGUST 31, 2021
AS OF DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):: SEE BELOW, WPB-1a

SCHEDULE B-1
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	RATE BASE COMPONENT	SUPPORTING SCHEDULE REFERENCE	BASE PERIOD	13 MONTH AVG. FORECASTED PERIOD
1	Adjusted Jurisdictional Plant in Service	B-2	\$ 720,302,797	\$ 771,808,162
2	Accumulated Depreciation and Amortization	B-3 / B-3.2	<u>(199,279,972)</u>	<u>(206,903,281)</u> (1)
3	Net Plant in Service (Line 1 + Line 2)		521,022,825	564,904,881
4	Construction Work in Progress	(2)	0	0
5	Cash Working Capital Allowance	(3)	0	0
6	Other Working Capital Allowances	B-5	4,001,401	4,001,401
7	Other Items:			
8	Customers' Advances for Construction	B-6	(1,643,017)	(1,643,017)
9	Investment Tax Credits	B-6	0	0
10	Deferred Income Taxes	B-6	(68,241,939)	(69,672,083)
11	Excess Deferred Income Taxes	B-6	(29,917,816)	(29,269,976)
12	Other Rate Base Adjustments	B-6	<u>0</u>	<u>0</u>
13	Jurisdictional Rate Base (Line 3 through Line 12)		<u>\$ 425,221,454</u>	<u>\$ 468,321,206</u>

(1) Includes adjustment related to annualized depreciation expense, Schedule D-2.23, and an adjustment from WPB-1a to avoid double counting in accumulated depreciation, the impact of eliminating facilities devoted to other than KY customers on both Sch. B-3 and Sch. D-2.23.

(2) The Company is not requesting to include recovery of CWIP in base rates.

(3) The Company is not requesting to include cash working capital in base rates.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PLANT IN SERVICE BY MAJOR PROPERTY GROUPING
AS OF AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.1

SCHEDULE B-2
PAGE 1 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	Major Property Groupings	Base Period	Jurisdictional %	Jurisdictional Total	Adjustments	Adjusted Jurisdiction
1	Production	\$ 12,949,633	100.00	\$ 12,949,633	\$ (8,313,665)	\$ 4,635,968
2	Distribution	707,547,682	100.00	707,547,682	(34,841,755)	672,705,927
3	General	31,373,887	100.00	31,373,887	(105,055)	31,268,832
4	Common (Allocated to Gas)	11,752,878	100.00	11,752,878	(60,808)	11,692,070
5	Completed Construction Not Classified (1)					
6	Other (specify)					
7	TOTAL	\$ 763,624,080		\$ 763,624,080	\$ (43,321,283)	\$ 720,302,797

(1) Included in each function on Schedule B-2.1

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PLANT IN SERVICE BY MAJOR PROPERTY GROUPING
AS OF DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.1

SCHEDULE B-2
PAGE 2 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	Major Property Groupings	13 Month Average Forecasted Period	Jurisdictional %	Jurisdictional Total	13 Month Average Adjustments	13 Month Average Adjusted Jurisdiction
1	Production	\$ 12,920,733	100.00	\$ 12,920,733	\$ (8,295,111)	\$ 4,625,622
2	Distribution	764,560,074	100.00	764,560,074	(39,670,976)	724,889,098
3	General	32,106,318	100.00	32,106,318	(105,055)	32,001,263
4	Common (Allocated to Gas)	10,352,987	100.00	10,352,987	(60,808)	10,292,179
5	Completed Construction Not Classified (1)					
6	Other (specify)					
<hr/>						
7	TOTAL	\$ 819,940,112		\$ 819,940,112	\$ (48,131,950)	\$ 771,808,162

(1) Included in each function on Schedule B-2.1

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PLANT IN SERVICE BY ACCOUNTS AND SUBACCOUNTS
AS OF AUGUST 31, 2021

MANUFACTURED GAS PRODUCTION PLANT

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):: SCHEDULE B-2.2, SCHEDULE B-2.3

SCHEDULE B-2.1
PAGE 1 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Base Period	Jurisdictional %	Jurisdictional Total	Adjustments	Adjusted Jurisdiction
				\$		\$	\$	\$
1	304	20400	Land and Land Rights	117,711	100.00%	117,711	(75,571)	42,140
2	304	20401	Rights of Way	24,450	100.00%	24,450	(15,697)	8,753
3	305	20500	Structures & Improvements	4,779,286	100.00%	4,779,286	(3,068,302)	1,710,984
4	311	21100	Liquefied Petroleum Gas Equipment	8,028,186	100.00%	8,028,186	(5,154,095)	2,874,091
5			Total Manufactured Gas Production Plant	12,949,633		12,949,633	(8,313,665)	4,635,968

DUKE ENERGY KENTUCKY, INC
CASE NO. 2021-00190
PLANT IN SERVICE BY ACCOUNTS AND SUBACCOUNTS
AS OF AUGUST 31, 2021

DISTRIBUTION PLANT

SCHEDULE B-2.1
PAGE 2 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.2, SCHEDULE B-2.3

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Base Period \$	Jurisdictional %	Jurisdictional Total \$	Adjustments \$	Adjusted Jurisdiction \$
1	374	27400	Land and Land Rights	6,013,003	100.00%	6,013,003	(94,990)	5,918,013
2	374	27401	Rights of Way	1,126,871	100.00%	1,126,871	(228,817)	898,054
3	375	27500	Structures & Improvements	4,644,982	100.00%	4,644,982	(761,646)	3,883,336
4	376	27601	Mains - Cast Iron & Copper	997,186	100.00%	997,186		997,186
5	376	27602,27607	Mains - Steel	86,503,718	100.00%	86,503,718	(8,287)	86,495,431
6	376	27603,27608	Mains - Plastic	164,535,644	100.00%	164,535,644		164,535,644
7	376	27605	Mains - Feeder	130,894,467	100.00%	130,894,467	(16,870,808)	114,023,659
8	378	27800	System Meas. & Reg. Station Equipment - General	51,657,490	100.00%	51,657,490	(12,077,744)	39,579,746
9	378	27801	System Meas. & Reg. Station Equipment - Electric	2,021,832	100.00%	2,021,832	(598,945)	1,422,887
10	378	27802	District Regulating Equipment	2,511,241	100.00%	2,511,241		2,511,241
11	380	28001	Services- Cast Iron & Copper	(58,728)	100.00%	(58,728)		(58,728)
12	380	28002,28004	Services-Steel	5,369,901	100.00%	5,369,901		5,369,901
13	380	28003,28005-28007	Services-Plastic	203,555,495	100.00%	203,555,495		203,555,495
14	381	28100,28101	Meters	14,427,646	100.00%	14,427,646		14,427,646
15	382	28200,28201	Meter Installations	14,960,543	100.00%	14,960,543		14,960,543
16	383	28300,283001	House Regulators	7,426,599	100.00%	7,426,599		7,426,599
17	384	28400,28401	House Regulator Installations	6,152,647	100.00%	6,152,647		6,152,647
18	385	28500	Large Industrial Meas. & Reg. Equipment	456,593	100.00%	456,593		456,593
19	385	28501	Large Industrial Meas. & Reg. Equipment - Comm	65,744	100.00%	65,744		65,744
20	387	28700	Other Equipment - Other	55,584	100.00%	55,584		55,584
21	387	28701	Street Lighting Equipment	28,706	100.00%	28,706		28,706
22			Asset Retirement Cost Obligation	4,200,518	100.00%	4,200,518	(4,200,518)	0
23			Total Distribution Plant	707,547,682		707,547,682	(34,841,755)	672,705,927

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PLANT IN SERVICE BY ACCOUNTS AND SUBACCOUNTS
AS OF AUGUST 31, 2021

GENERAL PLANT

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):: SCHEDULE B-2.2, SCHEDULE B-2.3

SCHEDULE B-2.1
PAGE 3 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Base Period \$	Jurisdictional %	Jurisdictional Total \$	Adjustments \$	Adjusted Jurisdiction \$
1	303	20300	Miscellaneous Intangible Plant	14,676,809	100.00%	14,676,809		14,676,809
2	303	20310	Misc Intangible Plt - 10 Yr	2,674,076	100.00%	2,674,076		2,674,076
3	391	29100	Office Furniture & Equipment	0	100.00%	0	0	0
4	391	29101	Electronic Data Processing	1,403,076	100.00%	1,403,076		1,403,076
5	392	29200	Transportation Equipment	0	100.00%	0		0
6	392	29201	Trailers	69,948	100.00%	69,948		69,948
7	394	29400	Tools, Shop & Garage Equipment	1,594,933	100.00%	1,594,933	(21,227)	1,573,706
8	396	29600	Power Operated Equipment	168,272	100.00%	168,272		168,272
9	397	29700	Communication Equipment	10,703,182	100.00%	10,703,182	(237)	10,702,945
10	398	29800	Miscellaneous Equipment	83,591	100.00%	83,591	(83,591)	0
11			Total General Plant	31,373,887		31,373,887	(105,055)	31,268,832
12			Total Gas Plant	751,871,202		751,871,202	(43,260,475)	708,610,727

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PLANT IN SERVICE BY ACCOUNTS AND SUBACCOUNTS
AS OF AUGUST 31, 2021

COMMON PLANT

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.2, SCHEDULE B-2.3

SCHEDULE B-2.1
PAGE 4 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Base Period \$	Jurisdictional %	Jurisdictional Total \$	Adjustments \$	Adjusted Jurisdiction \$
1		10300	Miscellaneous Intangible Plant	22,334,460	100.00%	22,334,460		22,334,460
2		18900	Land and Land Rights	1,041,678	100.00%	1,041,678		1,041,678
3		19000	Structures & Improvements	11,222,394	100.00%	11,222,394		11,222,394
4		19100	Office Furniture & Equipment	792,351	100.00%	792,351		792,351
5		19101	Electronic Data Processing	(87,265)	100.00%	(87,265)		(87,265)
6		19300	Stores Equipment	0	100.00%	0		0
7		19400	Tools, Shop & Garage Equipment	116,003	100.00%	116,003		116,003
8		19700	Communication Equipment	8,110,796	100.00%	8,110,796		8,110,796
9		19800	Miscellaneous Equipment	96,709	100.00%	96,709		96,709
10			Asset Retirement Cost Obligation	226,897	100.00%	226,897	(226,897)	0
11 Total Common Plant				43,854,023		43,854,023	(226,897)	43,627,126
12 26.80% Common Plant Allocated to Gas				11,752,878		11,752,878	(60,808)	11,692,070
13 Total Gas Plant Including Allocated Common				763,624,080		763,624,080	(43,321,283)	720,302,797

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PLANT IN SERVICE BY ACCOUNTS AND SUBACCOUNTS
AS OF DECEMBER 31, 2022

MANUFACTURED GAS PRODUCTION PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):: SCHEDULE B-2.2, SCHEDULE B-2.3

SCHEDULE B-2.1
PAGE 5 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	13 Month Average Forecasted Period \$	Jurisdictional %	Jurisdictional Total \$	13 Month Average Adjustments \$	13 Month Average Adjusted Jurisdiction \$
1	304	20400	Land and Land Rights	117,711	100.00%	117,711	(75,571)	42,140
2	304	20401	Rights of Way	24,450	100.00%	24,450	(15,697)	8,753
3	305	20500	Structures & Improvements	4,804,786	100.00%	4,804,786	(3,084,673)	1,720,113
4	311	21100	Liquefied Petroleum Gas Equipment	7,973,786	100.00%	7,973,786	(5,119,170)	2,854,616
5			Total Manufactured Gas Production Plant	12,920,733		12,920,733	(8,295,111)	4,625,622

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PLANT IN SERVICE BY ACCOUNTS AND SUBACCOUNTS
AS OF DECEMBER 31, 2022

DISTRIBUTION PLANT

SCHEDULE B-2.1
PAGE 6 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.2, SCHEDULE B-2.3

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	13 Month Average Forecasted Period \$	Jurisdictional %	Jurisdictional Total \$	13 Month Average Adjustments \$	13 Month Average Adjusted Jurisdiction \$
1	374	27400	Land and Land Rights	6,526,239	100.00%	6,526,239	(107,404)	6,418,835
2	374	27401	Rights of Way	1,223,054	100.00%	1,223,054	(258,484)	964,570
3	375	27500	Structures & Improvements	5,032,438	100.00%	5,032,438	(761,680)	4,270,758
4	376	27601	Mains - Cast Iron & Copper	1,082,301	100.00%	1,082,301		1,082,301
5	376	27602,27607	Mains - Steel	93,598,184	100.00%	93,598,184	(10,082)	93,588,102
6	376	27603,27608	Mains - Plastic	177,835,435	100.00%	177,835,435		177,835,435
7	376	27605	Mains - Feeder	141,741,157	100.00%	141,741,157	(17,251,220)	124,489,937
8	378	27800	System Meas. & Reg. Station Equipment - General	55,824,550	100.00%	55,824,550	(16,022,636)	39,801,914
9	378	27801	System Meas. & Reg. Station Equipment - Electric	2,140,797	100.00%	2,140,797	(700,419)	1,440,378
10	378	27802	District Regulating Equipment	2,724,163	100.00%	2,724,163		2,724,163
11	380	28001	Services- Cast Iron & Copper	(199,512)	100.00%	(199,512)		(199,512)
12	380	28002,28004	Services-Steel	5,801,205	100.00%	5,801,205		5,801,205
13	380	28003,28005-28007	Services-Plastic	220,515,027	100.00%	220,515,027		220,515,027
14	381	28100,28101	Meters	15,152,456	100.00%	15,152,456		15,152,456
15	382	28200,28201	Meter Installations	15,613,757	100.00%	15,613,757		15,613,757
16	383	28300,283001	House Regulators	8,054,798	100.00%	8,054,798		8,054,798
17	384	28400,28401	House Regulator Installations	6,676,569	100.00%	6,676,569		6,676,569
18	385	28500	Large Industrial Meas. & Reg. Equipment	495,565	100.00%	495,565		495,565
19	385	28501	Large Industrial Meas. & Reg. Equipment - Comm	71,355	100.00%	71,355		71,355
20	387	28700	Other Equipment - Other	60,329	100.00%	60,329		60,329
21	387	28701	Street Lighting Equipment	31,156	100.00%	31,156		31,156
22			Asset Retirement Cost Obligation	4,559,051	100.00%	4,559,051	(4,559,051)	0
23			Total Distribution Plant	764,560,074		764,560,074	(39,670,976)	724,889,098

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PLANT IN SERVICE BY ACCOUNTS AND SUBACCOUNTS
AS OF DECEMBER 31, 2022

GENERAL PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.2, SCHEDULE B-2.3

SCHEDULE B-2.1
PAGE 7 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	13 Month Average Forecasted Period \$	Jurisdictional %	Jurisdictional Total \$	13 Month Average Adjustments \$	13 Month Average Adjusted Jurisdiction \$
1	303	20300	Miscellaneous Intangible Plant	15,051,457	100.00%	15,051,457		15,051,457
2	303	20310	Misc Intangible Plt - 10 Yr	2,742,336	100.00%	2,742,336		2,742,336
3	391	29100	Office Furniture & Equipment	0	100.00%	0	0	0
4	391	29101	Electronic Data Processing	1,407,874	100.00%	1,407,874		1,407,874
5	392	29200	Transportation Equipment	0	100.00%	0		0
6	392	29201	Trailers	71,734	100.00%	71,734		71,734
7	394	29400	Tools, Shop & Garage Equipment	1,598,228	100.00%	1,598,228	(21,227)	1,577,001
8	396	29600	Power Operated Equipment	172,567	100.00%	172,567		172,567
9	397	29700	Communication Equipment	10,976,397	100.00%	10,976,397	(237)	10,976,160
10	398	29800	Miscellaneous Equipment	85,725	100.00%	85,725	(83,591)	2,134
11			Total General Plant	32,106,318		32,106,318	(105,055)	32,001,263
12			Total Gas Plant	809,587,125		809,587,125	(48,071,142)	761,515,983

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PLANT IN SERVICE BY ACCOUNTS AND SUBACCOUNTS
AS OF DECEMBER 31, 2022

COMMON PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.2, SCHEDULE B-2.3

SCHEDULE B-2.1
PAGE 8 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	13 Month Average Forecasted Period \$	Jurisdictional %	Jurisdictional Total \$	13 Month Average Adjustments \$	13 Month Average Adjusted Jurisdiction \$
1		10300	Miscellaneous Intangible Plant	22,334,460	100.00%	22,334,460		22,334,460
2		18900	Land and Land Rights	1,041,678	100.00%	1,041,678		1,041,678
3		19000	Structures & Improvements	6,431,019	100.00%	6,431,019		6,431,019
4		19100	Office Furniture & Equipment	792,351	100.00%	792,351		792,351
5		19101	Electronic Data Processing	(516,542)	100.00%	(516,542)		(516,542)
6		19300	Stores Equipment	0	100.00%	0		0
7		19400	Tools, Shop & Garage Equipment	113,181	100.00%	113,181		113,181
8		19700	Communication Equipment	8,110,796	100.00%	8,110,796		8,110,796
9		19800	Miscellaneous Equipment	96,709	100.00%	96,709		96,709
10			Asset Retirement Cost Obligation	226,897	100.00%	226,897	(226,897)	0
11			Total Common Plant	38,630,549		38,630,549	(226,897)	38,403,652
12		26.80%	Common Plant Allocated to Gas	10,352,987		10,352,987	(60,808)	10,292,179
13			Total Gas Plant Including Allocated Common	819,940,112		819,940,112	(48,131,950)	771,808,162

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUSTMENTS TO PLANT IN SERVICE
AS OF AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPB-2.2a through WPB-2.2f

SCHEDULE B-2.2
PAGE 1 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Base Period	Jurisdictional %	Jurisdictional Adjustment	Workpaper Reference No.	Description and Purpose of Adjustment
				\$		\$		
Manufactured Gas Production Plant								
1	304	20400	Land and Land Rights	75,571	100.00	75,571	WPB-2.2f	Exclusion of gas facilities devoted to other than DE-Ky customers.
2	304	20401	Rights of Way	15,697	100.00	15,697	WPB-2.2f	
3	305	20500	Structures & Improvements	3,068,302	100.00	3,068,302	WPB-2.2f	
4	311	21100	Liquefied Petroleum Gas Equipment	<u>5,154,095</u>	100.00	<u>5,154,095</u>	WPB-2.2f	
5	Total Manufactured Gas Production Plant			<u>8,313,665</u>		<u>8,313,665</u>		
Distribution Plant								
6	374	27400	Land	94,990	100.00	94,990	WPB-2.2f	Exclusion of gas facilities devoted to other than DE-Ky customers.
7	374	27401	Rights of Way	228,817	100.00	228,817	WPB-2.2f	
8	375	27500	Structures & Improvements	761,646	100.00	761,646	WPB-2.2f	
9	376	27602	Gas Mains - Dist Lines/Steel	8,287	100.00	8,287	WPB-2.2f	
10	376	27605	Mains-Steel Feeder Lines	16,870,808	100.00	16,870,808	WPB-2.2f	
11	378	27800	System M & R Station Equip. - General	12,077,744	100.00	12,077,744	WPB-2.2f	
12	378	27801	System M & R Station Equip.	<u>598,945</u>	100.00	<u>598,945</u>	WPB-2.2f	
13	Total Distribution Plant			<u>30,641,237</u>		<u>30,641,237</u>		
General Plant								
14	391	29100	Office Furniture & Equipment	0	100.00	0	WPB-2.2f	Exclusion of gas facilities devoted to other than DE-Ky customers.
15	394	29400	Tools, Shop & Garage Equipment	21,227	100.00	21,227	WPB-2.2f	
16	397	29700	Communications Equipment	237	100.00	237	WPB-2.2f	
17	398	29800	Miscellaneous Equipment	<u>83,591</u>	100.00	<u>83,591</u>	WPB-2.2f	
18	Total General Plant			<u>105,055</u>		<u>105,055</u>		
19	Total Gas Plant Devoted to Other than DE-KY Customers			<u>39,059,957</u>		<u>39,059,957</u>		
20	Asset Retirement Cost Obligations							
21	Distribution Plant			4,200,518	100.00	4,200,518	Sch. B-2.1	Remove ARO
22	Common Plant			<u>60,808</u>	100.00	<u>60,808</u>	Sch. B-2.1	
23	Total Adjustment to ARO			<u>4,261,326</u>		<u>4,261,326</u>		
24	Total Adjustments to Plant in Service			<u>43,321,283</u>		<u>43,321,283</u>		

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUSTMENTS TO PLANT IN SERVICE
AS OF DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISIONS
WORK PAPER REFERENCE NO(S): WPB-2.2q

SCHEDULE B-2.2
PAGE 2 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	13 Month Average Forecasted Period	Jurisdictional %	Jurisdictional Adjustment	Workpaper Reference No.	Description and Purpose of Adjustment
				\$		\$		
Manufactured Gas Production Plant								
1	304	20400	Land and Land Rights	75,571	100.00	75,571	WPB-2.2q	Exclusion of gas facilities devoted to other than DE-Ky customers.
2	304	20401	Rights of Way	15,697	100.00	15,697	WPB-2.2q	
3	305	20500	Structures & Improvements	3,084,673	100.00	3,084,673	WPB-2.2q	
4	311	21100	Liquefied Petroleum Gas Equipment	5,119,170	100.00	5,119,170		
5	Total Manufactured Gas Production Plant			8,295,111		8,295,111		
Distribution Plant								
6	374	27400	Land	107,404	100.00	107,404	WPB-2.2q	Exclusion of gas facilities devoted to other than DE-Ky customers.
7	374	27401	Rights of Way	258,484	100.00	258,484	WPB-2.2q	
8	375	27500	Structures & Improvements	761,680	100.00	761,680	WPB-2.2q	
9	376	27602	Mains-Steel	10,082	100.00	10,082	WPB-2.2q	
10	376	27605	Mains-Steel Feeder Lines	17,251,220	100.00	17,251,220	WPB-2.2q	
11	378	27800	System M & R Station Equip. - General	16,022,636	100.00	16,022,636	WPB-2.2q	
12	378	27801	System M & R Station Equip.	700,419	100.00	700,419	WPB-2.2q	
13	Total Distribution Plant			35,111,925		35,111,925		
General Plant								
14	391	29100	Office Furniture & Equipment	0	100.00	0	WPB-2.2q	Exclusion of gas facilities devoted to other than DE-Ky customers.
15	394	29400	Tools, Shop & Garage Equipment	21,227	100.00	21,227	WPB-2.2q	
16	397	29700	Communications Equipment	237	100.00	237	WPB-2.2q	
17	398	29800	Miscellaneous Equipment	83,591	100.00	83,591	WPB-2.2q	
18	Total General Plant			105,055		105,055		
19	Total Gas Plant Devoted to Other than DE-KY Customers			43,512,091		43,512,091		
20	Asset Retirement Cost Obligations							
21	Distribution Plant			4,559,051	100.00	4,559,051	Sch. B-2.1	Remove ARO
22	Common Plant			60,808	100.00	60,808	Sch. B-2.1	
23	Total Adjustment to ARO			4,619,859		4,619,859		
24	Total Adjustments to Plant in Service			48,131,950		48,131,950		

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
GROSS ADDITIONS, RETIREMENTS, AND TRANSFERS
FROM SEPTEMBER 1, 2020 TO AUGUST 31, 2021

MANUFACTURED GAS PRODUCTION PLANT

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.3
PAGE 1 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Beginning Balance	Additions	Retirements	Transfers/Reclassifications		Ending Balance	
							Amount	Explanation of Transfer Other Accts. Involved		
				\$	\$	\$	\$			\$
1	304	20400	Land and Land Rights	117,711	0	0	0			117,711
2	304	20401	Rights of Way	24,450	0	0	0			24,450
3	305	20500	Structures & Improvements	4,763,986	0	(15,300)	0			4,779,286
4	311	21100	Liquefied Petroleum Gas Equipment	8,033,612	0	5,426	0			8,028,186
5			Total Manufactured Gas Production Plant	12,939,759	0	(9,874)	0			12,949,633

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
GROSS ADDITIONS, RETIREMENTS, AND TRANSFERS
FROM SEPTEMBER 1, 2020 TO AUGUST 31, 2021

DISTRIBUTION PLANT

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.3
PAGE 2 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Beginning Balance	Additions	Retirements	Transfers/Reclassifications		Ending Balance
							Amount	Explanation of Transfer	
				\$	\$	\$	\$		\$
1	374	27400	Land and Land Rights	5,904,827	108,176	0	0		6,013,003
2	374	27401	Rights of Way	1,106,348	20,523	0	0		1,126,871
3	375	27500	Structures & Improvements	3,056,581	1,593,892	5,491	0		4,644,982
4	376	27601	Mains - Cast Iron & Copper	982,737	14,449	0	0		997,186
5	376	27602,27607	Mains - Steel	85,144,612	1,539,790	180,684	0		86,503,718
6	376	27603,27608	Mains - Plastic	161,783,746	3,270,417	518,519	0		164,535,644
7	376	27605	Mains - Feeder	128,446,590	2,653,857	205,980	0		130,894,467
8	378	27800	System Meas. & Reg. Station Equipment - General	51,988,288	(517,485)	(186,687)	0		51,657,490
9	378	27801	System Meas. & Reg. Station Equipment - Electric	1,956,524	29,788	(35,520)	0		2,021,832
10	378	27802	District Regulating Equipment	2,475,740	36,401	900	0		2,511,241
11	380	28001	Services- Cast Iron & Copper	26,739	393	85,860	0		(58,728)
12	380	28002,28004	Services-Steel	5,246,360	140,641	17,100	0		5,369,901
13	380	28003,28005-28007	Services-Plastic	200,010,604	3,807,211	262,320	0		203,555,495
14	381	28100,28101	Meters	14,212,485	535,561	320,400	0		14,427,646
15	382	28200,28201	Meter Installations	14,965,178	389,805	394,440	0		14,960,543
16	383	28300,283001	House Regulators	7,290,434	139,765	3,600	0		7,426,599
17	384	28400,28401	House Regulator Installations	6,053,347	100,080	780	0		6,152,647
18	385	28500	Large Industrial Meas. & Reg. Equipment	449,977	6,616	0	0		456,593
19	385	28501	Large Industrial Meas. & Reg. Equipment - Comm	64,791	953	0	0		65,744
20	387	28700	Other Equipment - Other	54,779	805	0	0		55,584
21	387	28701	Street Lighting Equipment	28,290	416	0	0		28,706
22			Asset Retirement Cost Obligation ⁽¹⁾	4,139,652	60,866	0	0		4,200,518
23			Total Distribution Plant	695,388,629	13,932,920	1,773,867	0		707,547,682

⁽¹⁾ Asset Retirement Cost Obligation is related to legally required closure activities of gas mains upon retirement of underlying asset.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
GROSS ADDITIONS, RETIREMENTS, AND TRANSFERS
FROM SEPTEMBER 1, 2020 TO AUGUST 31, 2021

GENERAL PLANT

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.3
PAGE 3 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Beginning Balance	Additions	Retirements	Transfers/Reclassifications		Ending Balance	
							Amount	Explanation of Transfer		Other Accts. Involved
				\$	\$	\$	\$			\$
1	303	20300	Miscellaneous Intangible Plant	14,663,712	13,097	0	0			14,676,809
2	303	20310	Misc Intangible Plt - 10 Yr	2,674,076	0	0	0			2,674,076
3	391	29100	Office Furniture & Equipment	0	0	0	0			0
4	391	29101	Electronic Data Processing	1,410,274	11,702	18,900	0			1,403,076
5	392	29200	Transportation Equipment	0	0	0	0			0
6	392	29201	Trailers	69,948	0	0	0			69,948
7	394	29400	Tools, Shop & Garage Equipment	1,602,643	15,090	22,800	0			1,594,933
8	396	29600	Power Operated Equipment	168,272	0	0	0			168,272
9	397	29700	Communication Equipment	10,680,536	22,646	0	0			10,703,182
10	398	29800	Miscellaneous Equipment	83,591	0	0	0			83,591
11			Total General Plant	31,353,052	62,535	41,700	0			31,373,887
12			Total Gas Plant	739,681,440	13,995,455	1,805,693	0			751,871,202

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
GROSS ADDITIONS, RETIREMENTS, AND TRANSFERS
FROM SEPTEMBER 1, 2020 TO AUGUST 31, 2021

COMMON PLANT

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.3
PAGE 4 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Beginning Balance	Additions	Retirements	Transfers/Reclassifications		Ending Balance	
							Amount	Explanation of Transfer		Other Accts. Involved
				\$	\$	\$	\$			\$
1		10300	Miscellaneous Intangible Plant	22,334,460	0	0	0			22,334,460
2		18900	Land and Land Rights	1,041,678	0	0	0			1,041,678
3		19000	Structures & Improvements	12,613,070	218,082	1,608,758	0			11,222,394
4		19100	Office Furniture & Equipment	792,351	0	0	0			792,351
5		19101	Electronic Data Processing	40,535	0	127,800	0			(87,265)
6		19300	Stores Equipment	0	0	0	0			0
7		19400	Tools, Shop & Garage Equipment	116,843	0	840	0			116,003
8		19700	Communication Equipment	8,110,796	0	0	0			8,110,796
9		19800	Miscellaneous Equipment	96,709	0	0	0			96,709
10			Asset Retirement Cost Obligation ⁽¹⁾	226,897	0	0	0			226,897
11			Total Common Plant	45,373,339	218,082	1,737,398	0			43,854,023
12			26.80% Common Plant Allocated to Gas	12,160,055	58,446	465,623	0			11,752,878
13			Total Gas Plant Including Allocated Common	751,841,495	14,053,901	2,271,316	0			763,624,080

⁽¹⁾ Asset Retirement Cost Obligation is related to legally required closure activities of gas mains upon retirement of underlying asset.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
GROSS ADDITIONS, RETIREMENTS, AND TRANSFERS
FROM JANUARY 1, 2022 TO DECEMBER 31, 2022

MANUFACTURED GAS PRODUCTION PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISIONS
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.3
PAGE 5 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Beginning Balance	Additions	Retirements	Transfers/Reclassifications		Ending Balance	13 Month Average
							Amount	Explanation of Transfer / Other Accts. Involved		
				\$	\$	\$	\$	\$	\$	
1	304	20400	Land and Land Rights	117,711	0	0			117,711	117,711
2	304	20401	Rights of Way	24,450	0	0			24,450	24,450
3	305	20500	Structures & Improvements	4,789,486	0	(30,600)			4,820,086	4,804,786
4	311	21100	Liquefied Petroleum Gas Equipment	8,006,426	0	65,280			7,941,146	7,973,786
Total Manufactured Gas Production Plant				12,938,073	0	34,680	0		12,903,393	12,920,733

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
GROSS ADDITIONS, RETIREMENTS, AND TRANSFERS
FROM JANUARY 1, 2022 TO DECEMBER 31, 2022

DISTRIBUTION PLANT

DATA: BASE PERIOD *X* FORECASTED PERIOD
TYPE OF FILING: *X* ORIGINAL UPDATED REVISD
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.3
PAGE 6 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Beginning Balance	Additions	Retirements	Transfers/Reclassifications		Ending Balance	13 Month Average
							Amount	Other Accts. Involved		
				\$	\$	\$	\$	\$	\$	
1	374	27400	Land and Land Rights	6,427,004	377,986	0			6,804,990	6,526,239
2	374	27401	Rights of Way	1,204,457	70,837	0			1,275,294	1,223,054
3	375	27500	Structures & Improvements	4,961,386	292,348	11,400			5,242,334	5,032,438
4	376	27601	Mains - Cast Iron & Copper	1,065,844	62,685	0			1,128,529	1,082,301
5	376	27602,27607	Mains - Steel	92,350,322	5,449,231	365,520			97,434,033	93,598,184
6	376	27603,27608	Mains - Plastic	175,582,793	10,372,515	941,040			185,014,268	177,835,435
7	376	27605	Mains - Feeder	139,783,535	8,241,155	411,960			147,612,730	141,741,157
8	378	27800	System Meas. & Req. Station Equipment - General	55,122,619	3,256,886	306,240			58,073,265	55,824,550
9	378	27801	System Meas. & Req. Station Equipment - Electric	2,140,771	129,226	67,800			2,202,197	2,140,797
10	378	27802	District Regulating Equipment	2,683,605	157,917	1,800			2,839,722	2,724,163
11	380	28001	Services- Cast Iron & Copper	(114,100)	1,706	171,720			(284,114)	(199,512)
12	380	28002,28004	Services-Steel	5,729,402	338,634	34,200			6,033,836	5,801,205
13	380	28003,28005-28007	Services-Plastic	217,413,661	12,812,269	524,640			229,701,290	220,515,027
14	381	28100,28101	Meters	15,229,463	927,083	640,800			15,515,746	15,152,456
15	382	28200,28201	Meter Installations	15,754,788	965,235	788,880			15,931,143	15,613,757
16	383	28300,283001	House Regulators	7,935,775	467,073	7,200			8,395,648	8,054,798
17	384	28400,28401	House Regulator Installations	6,575,796	386,813	1,560			6,961,049	6,676,569
18	385	28500	Large Industrial Meas. & Req. Equipment	488,030	28,702	0			516,732	495,565
19	385	28501	Large Industrial Meas. & Req. Equipment - Comm	70,270	4,133	0			74,403	71,355
20	387	28700	Other Equipment - Other	59,411	3,494	0			62,905	60,329
21	387	28701	Street Lighting Equipment	30,882	1,804	0			32,406	31,156
22			Asset Retirement Cost Obligation ⁽¹⁾	4,489,728	264,050	0			4,753,778	4,559,051
23			Total Distribution Plant	754,985,242	44,611,782	4,274,760	0		795,322,264	764,560,074

⁽¹⁾ Asset Retirement Cost Obligation is related to legally required closure activities of gas mains upon retirement of underlying asset.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
GROSS ADDITIONS, RETIREMENTS, AND TRANSFERS
FROM JANUARY 1, 2022 TO DECEMBER 31, 2022

GENERAL PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.3
PAGE 7 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Beginning Balance	Additions	Retirements	Transfers/Reclassifications		Ending Balance	13 Month Average
							Amount	Explanation of Transfer Other Accts. Involved		
				\$	\$	\$	\$	\$	\$	
1	303	20300	Miscellaneous Intangible Plant	14,821,266	1,180,269	0			16,001,535	15,051,457
2	303	20310	Misc Intangible Plt - 10 Yr	2,700,396	215,042	0			2,915,438	2,742,336
3	391	29100	Office Furniture & Equipment	0	0	0			0	0
4	391	29101	Electronic Data Processing	1,404,472	114,351	37,800			1,481,023	1,407,874
5	392	29200	Transportation Equipment	0	0	0			0	0
6	392	29201	Trailers	70,636	5,625	0			76,261	71,734
7	394	29400	Tools, Shop & Garage Equipment	1,595,656	130,094	45,600			1,680,150	1,598,228
8	396	29600	Power Operated Equipment	169,928	13,532	0			183,460	172,567
9	397	29700	Communication Equipment	10,808,529	860,721	0			11,669,250	10,976,397
10	398	29800	Miscellaneous Equipment	84,414	6,722	0			91,136	85,725
11			Total General Plant	31,655,297	2,526,356	83,400	0		34,098,253	32,106,318
12			Total Gas Plant	799,578,612	47,138,138	4,392,840	0		842,323,910	809,587,125

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
GROSS ADDITIONS, RETIREMENTS, AND TRANSFERS
FROM JANUARY 1, 2022 TO DECEMBER 31, 2022

COMMON PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.3
PAGE 8 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Beginning Balance	Additions	Retirements	Transfers/Reclassifications		Ending Balance	13 Month Average
							Amount	Explanation of Transfer Other Accts. Involved		
				\$	\$	\$	\$	\$	\$	
1		10300	Miscellaneous Intangible Plant	22,334,460	0	0			22,334,460	22,334,460
2		18900	Land and Land Rights	1,041,678	0	0			1,041,678	1,041,678
3		19000	Structures & Improvements	10,271,434	0	5,468,020			4,803,414	6,431,019
4		19100	Office Furniture & Equipment	792,351	0	0			792,351	792,351
5		19101	Electronic Data Processing	(172,465)	0	489,900			(662,365)	(516,542)
6		19300	Stores Equipment	0	0	0			0	0
7		19400	Tools, Shop & Garage Equipment	115,443	0	3,220			112,223	113,181
8		19700	Communication Equipment	8,110,796	0	0			8,110,796	8,110,796
9		19800	Miscellaneous Equipment	96,709	0	0			96,709	96,709
10			Asset Retirement Cost Obligation ⁽¹⁾	226,897	0	0			226,897	226,897
Total Common Plant				42,817,303	0	5,961,140	0		36,856,163	38,630,549
12		26.80%	Common Plant Allocated to Gas	11,475,037	0	1,597,586	0		9,877,452	10,352,987
13			Total Gas Plant including Allocated Common	811,053,649	47,138,138	5,990,426	0		852,201,362	819,940,112

⁽¹⁾ Asset Retirement Cost Obligation is related to legally required closure activities of gas mains upon retirement of underlying asset.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PROPERTY MERGED OR ACQUIRED
FROM SEPTEMBER 1, 2020 TO AUGUST 31, 2021

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.4
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Description of Property	Acquisition Cost	Cost Basis	Acquisition Adjustment	Commission Approval Date (Docket No.)	Date of Acquisition	Explanation of Treatment
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The company has not merged or acquired property from other than affiliated companies.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
LEASED PROPERTY
ELECTRIC AND COMMON
AS OF AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.5
PAGE 1 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Identification or Reference Number	Description of Type and Use of Property	Name of Lessee	Frequency of Payment	Amount of Lease Payment	Dollar Value of Property Involved	Explain Method of Capitalization
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The company has no leased property.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
LEASED PROPERTY
ELECTRIC AND COMMON
AS OF DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.5
PAGE 2 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Identification or Reference Number	Description of Type and Use of Property	Name of Lessee	Frequency of Payment	Amount of Lease Payment	Dollar Value of Property Involved	Explain Method of Capitalization
--	--	-------------------	-------------------------	----------------------------	--	-------------------------------------

The company has no leased property.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PROPERTY HELD FOR FUTURE USE INCLUDED IN RATE BASE
AS OF AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.6
PAGE 1 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	Description and Location of Property	Acquisition Date	Original Cost	Accumulated Depreciation	Net Original Cost	Revenue Realized			Expenses Incurred		
						Amount	Acct. No.	Description	Amount	Acct. No.	Description

The company has no plant held for future use included in rate base.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PROPERTY HELD FOR FUTURE USE INCLUDED IN RATE BASE
AS OF DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.6
PAGE 2 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	Description and Location of Property	Acquisition Date	Original Cost	Accumulated Depreciation	Net Original Cost	Revenue Realized			Expenses Incurred		
						Amount	Acct. No.	Description	Amount	Acct. No.	Description

The company has no plant held for future use included in rate base.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PROPERTY EXCLUDED FROM RATE BASE
(FOR REASONS OTHER THAN JURISDICTIONAL ALLOCATION)
AS OF AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.7
PAGE 1 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	Company Acct. No.	Description of Excluded Property	In-Service Date	Original Cost	Accum. Depre. and Amort.	Net Original Cost	Base Period Revenue and Expense		Reasons for Exclusion
							Amount	Acct. No. Description	

No property is excluded from rate base for reasons other than jurisdictional allocation.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PROPERTY EXCLUDED FROM RATE BASE
(FOR REASONS OTHER THAN JURISDICTIONAL ALLOCATION)
AS OF DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-2.7
PAGE 2 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	Company Acct. No.	Description of Excluded Property	In-Service Date	Original Cost	Accum. Depre. and Amort.	Net Original Cost	Forecasted Period Revenue and Expense			Reasons for Exclusion
							Amount	Acct. No.	Description	

No property is excluded from rate base for reasons other than jurisdictional allocation.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF AUGUST 31, 2021

MANUFACTURED GAS PRODUCTION PLANT

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.1, SCHEDULE B-3.1

SCHEDULE B-3
PAGE 1 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Base Period Total (1) \$	Base Period Accumulated Balances				
					Total \$	Jurisdictional %	Jurisdictional Total \$	Adjustments \$	Adjusted Jurisdiction \$
1	304	20400	Land and Land Rights	117,711	0	100.00%	0	0	0
2	304	20401	Rights of Way	24,450	24,448	100.00%	24,448	(15,442)	9,006
3	305	20500	Structures & Improvements	4,779,286	1,930,732	100.00%	1,930,732	(1,208,108)	722,624
4	311	21100	Liquefied Petroleum Gas Equipment	8,028,186	4,501,523	100.00%	4,501,523	(2,850,121)	1,651,402
5		108	Retirement Work in Progress	0	0	100.00%	0	0	0
Total Manufactured Gas Production Plant				12,949,633	6,456,703		6,456,703	(4,073,671)	2,383,032

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

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF AUGUST 31, 2021

DISTRIBUTION PLANT

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.1, SCHEDULE B-3.1

SCHEDULE B-3
PAGE 2 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Base Period Total (1)	Base Period Accumulated Balances				Adjusted Jurisdiction
					Total \$	Allocation %	Allocated Total \$	Adjustments \$	
1	374	27400	Land and Land Rights	6,013,003	4	100.00%	4		4
2	374	27401	Rights of Way	1,126,871	688,929	100.00%	688,929	(137,438)	551,491
3	375	27500	Structures & Improvements	4,644,982	140,480	100.00%	140,480	(32,593)	107,887
4	376	27601	Mains - Cast Iron & Copper	997,186	69,256	100.00%	69,256		69,256
5	376	27602,27607	Mains - Steel	86,503,718	43,500,682	100.00%	43,500,682	(778)	43,499,904
6	376	27603,27608	Mains - Plastic	164,535,644	54,297,845	100.00%	54,297,845		54,297,845
7	376	27605	Mains - Feeder	130,894,467	16,480,940	100.00%	16,480,940	(3,967,755)	12,513,185
8	378	27800	System Meas. & Reg. Station Equipment - General	51,657,490	2,185,620	100.00%	2,185,620	(357,427)	1,828,193
9	378	27801	System Meas. & Reg. Station Equipment - Electric	2,021,832	624,315	100.00%	624,315	(130,553)	493,762
10	378	27802	District Regulating Equipment	2,511,241	1,182,523	100.00%	1,182,523		1,182,523
11	380	28001	Services- Cast Iron & Copper	(58,728)	(1,487,501)	100.00%	(1,487,501)		(1,487,501)
12	380	28002,28004	Services-Steel	5,369,901	2,442,387	100.00%	2,442,387		2,442,387
13	380	28003,28005-28007	Services-Plastic	203,555,495	57,379,698	100.00%	57,379,698		57,379,698
14	381	28100,28101	Meters	14,427,646	(2,293,958)	100.00%	(2,293,958)		(2,293,958)
15	382	28200,28201	Meter Installations	14,960,543	881,601	100.00%	881,601		881,601
16	383	28300,283001	House Regulators	7,426,599	2,798,436	100.00%	2,798,436		2,798,436
17	384	28400,28401	House Regulator Installations	6,152,647	2,925,125	100.00%	2,925,125		2,925,125
18	385	28500	Large Industrial Meas. & Reg. Equipment	456,593	450,463	100.00%	450,463		450,463
19	385	28501	Large Industrial Meas. & Reg. Equipment - Comm	65,744	54,771	100.00%	54,771		54,771
20	387	28700	Other Equipment - Other	55,584	25,449	100.00%	25,449		25,449
21	387	28701	Street Lighting Equipment	28,706	22,400	100.00%	22,400		22,400
22			Asset Retirement Cost Obligation	4,200,518	1,881,581	100.00%	1,881,581	(1,881,581)	0
23		108	Retirement Work in Progress		(3,530,184)	100.00%	(3,530,184)		(3,530,184)
24			Completed Construction not Classified	0	122,009	100.00%	122,009		122,009
25			Total Distribution Plant	707,547,682	180,842,871		180,842,871	(6,508,125)	174,334,746

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

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF AUGUST 31, 2021

GENERAL PLANT

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.1, SCHEDULE B-3.1

SCHEDULE B-3
PAGE 3 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Base Period Total (1)	Base Period Accumulated Balances				
					Total	Allocation %	Allocated Total	Adjustments	Adjusted Jurisdiction
					\$		\$	\$	\$
1	303	20300	Miscellaneous Intangible Plant	14,676,809	10,009,757	100.00%	10,009,757		10,009,757
2	303	20310	Misc Intangible Plt - 10 Yr	2,674,076	935,927	100.00%	935,927		935,927
3	391	29100	Office Furniture & Equipment	0	54	100.00%	54	0	54
4	391	29101	Electronic Data Processing	1,403,076	718,543	100.00%	718,543		718,543
5	392	29200	Transportation Equipment	0	0	100.00%	0		0
6	392	29201	Trailers	69,948	53,784	100.00%	53,784		53,784
7	394	29400	Tools, Shop & Garage Equipment	1,594,933	1,058,047	100.00%	1,058,047	(20,867)	1,037,180
8	396	29600	Power Operated Equipment	168,272	43,343	100.00%	43,343		43,343
9	397	29700	Communication Equipment	10,703,182	2,003,627	100.00%	2,003,627	(118)	2,003,509
10	398	29800	Miscellaneous Equipment	83,591	49,552	100.00%	49,552	(48,663)	889
11		108	Retirement Work in Progress		12,219	100.00%	12,219		12,219
12			Completed Construction not Classified	0	28,173	100.00%	28,173		28,173
Total General Plant				31,373,887	14,913,026		14,913,026	(69,648)	14,843,378
Total Gas Plant				751,871,202	202,212,600		202,212,600	(10,651,444)	191,561,156

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

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF AUGUST 31, 2021

COMMON PLANT

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.1, SCHEDULE B-3.1

SCHEDULE B-3
PAGE 4 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Base Period Total (1)	Base Period Accumulated Balances				
					Total	Allocation %	Allocated Total	Adjustments	Adjusted Jurisdiction
					\$		\$	\$	\$
1		10300	Miscellaneous Intangible Plant	22,334,460	22,332,630	100.00%	22,332,630		22,332,630
2		18900	Land and Land Rights	1,041,678	0	100.00%	0		0
3		19000	Structures & Improvements	11,222,394	(1,880,453)	100.00%	(1,880,453)		(1,880,453)
4		19100	Office Furniture & Equipment	792,351	232,538	100.00%	232,538		232,538
5		19100-URR	Office Furniture & Equipment	0 (2)	238	100.00%	238		238
6		19101	Electronic Data Processing	(87,265)	(87,586)	100.00%	(87,586)		(87,586)
7		19101-URR	Electronic Data Processing	0 (2)	(24,960)	100.00%	(24,960)		(24,960)
8		19300	Stores Equipment	0	0	100.00%	0		0
9		19400	Tools, Shop & Garage Equipment	116,003	64,773	100.00%	64,773		64,773
10		19400-URR	Tools, Shop & Garage Equipment	0 (2)	7,800	100.00%	7,800		7,800
11		19700	Communication Equipment	8,110,796	6,559,077	100.00%	6,559,077		6,559,077
12		19700-URR	Communication Equipment	0 (2)	1,631,933	100.00%	1,631,933		1,631,933
13		19800	Miscellaneous Equipment	96,709	31,932	100.00%	31,932		31,932
14		19800-URR	Miscellaneous Equipment	0 (2)	(1,863)	100.00%	(1,863)		(1,863)
15			Asset Retirement Cost Obligation	226,897	248,573	100.00%	248,573	(248,573)	0
16		108	Retirement Work in Progress	0	(64,507)	100.00%	(64,507)		(64,507)
Total Common Plant				43,854,023	29,050,125		29,050,125	(248,573)	28,801,552
Common Plant Allocated to Gas									
18		26.80%	Original Cost	11,752,878					
19		26.80%	Reserve for Depreciation		7,785,434		7,785,434	(66,618)	7,718,816
Total Gas Plant Including Allocated Common				763,624,080	209,998,034		209,998,034	(10,718,062)	199,279,972

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)
(2) 5 year life for Unrecovered Reserve for Amortization

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF DECEMBER 31, 2022

MANUFACTURED GAS PRODUCTION PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.1, SCHEDULE B-3.1

SCHEDULE B-3
PAGE 5 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	13 Month Average Forecasted Period (1) \$	13 Month Average Forecasted Period Accumulated Balances				
					Total \$	Jurisdictional %	Jurisdictional Total \$	Adjustments \$	Adjusted Jurisdiction \$
1	304	20400	Land and Land Rights	117,711	0	100.00%	0	0	0
2	304	20401	Rights of Way	24,450	24,448	100.00%	24,448	(15,445)	9,003
3	305	20500	Structures & Improvements	4,804,786	2,126,949	100.00%	2,126,949	(1,328,604)	798,345
4	311	21100	Liquefied Petroleum Gas Equipment	7,973,786	4,975,919	100.00%	4,975,919	(3,229,376)	1,746,543
5		108	Retirement Work in Progress		0	100.00%	0		0
6			Total Manufactured Gas Production Plant	12,920,733	7,127,316		7,127,316	(4,573,425)	2,553,891

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

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF DECEMBER 31, 2022

DISTRIBUTION PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISIED
WORK PAPER REFERENCE NO(S):: SCHEDULE B-2.1, SCHEDULE B-3.1

SCHEDULE B-3
PAGE 6 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	13 Month Average Forecasted Period (1)	13 Month Average Forecasted Period Accumulated Balances				
					Total \$	Allocation %	Allocated Total \$	Adjustments \$	Adjusted Jurisdiction \$
1	374	27400	Land and Land Rights	6,526,239	9,443	100.00%	9,443		9,443
2	374	27401	Rights of Way	1,223,054	700,286	100.00%	700,286	(139,550)	560,736
3	375	27500	Structures & Improvements	5,032,438	173,033	100.00%	173,033	(41,733)	131,300
4	376	27601	Mains - Cast Iron & Copper	1,082,301	128,967	100.00%	128,967		128,967
5	376	27602,27607	Mains - Steel	93,598,184	44,278,445	100.00%	44,278,445	(904)	44,277,541
6	376	27603,27608	Mains - Plastic	177,835,435	55,447,119	100.00%	55,447,119		55,447,119
7	376	27605	Mains - Feeder	141,741,157	17,655,361	100.00%	17,655,361	(4,179,596)	13,475,765
8	378	27800	System Meas. & Reg. Station Equipment - General	55,824,550	2,691,824	100.00%	2,691,824	(596,280)	2,095,544
9	378	27801	System Meas. & Reg. Station Equipment - Electric	2,140,797	651,024	100.00%	651,024	(165,041)	485,983
10	378	27802	District Regulating Equipment	2,724,163	1,211,353	100.00%	1,211,353		1,211,353
11	380	28001	Services- Cast Iron & Copper	(199,512)	(1,630,558)	100.00%	(1,630,558)		(1,630,558)
12	380	28002,28004	Services-Steel	5,801,205	2,532,186	100.00%	2,532,186		2,532,186
13	380	28003,28005-28007	Services-Plastic	220,515,027	60,408,691	100.00%	60,408,691		60,408,691
14	381	28100,28101	Meters	15,152,456	(1,592,501)	100.00%	(1,592,501)		(1,592,501)
15	382	28200,28201	Meter Installations	15,613,757	697,071	100.00%	697,071		697,071
16	383	28300,283001	House Regulators	8,054,798	2,934,578	100.00%	2,934,578		2,934,578
17	384	28400,28401	House Regulator Installations	6,676,569	3,013,669	100.00%	3,013,669		3,013,669
18	385	28500	Large Industrial Meas. & Reg. Equipment	495,565	453,205	100.00%	453,205		453,205
19	385	28501	Large Industrial Meas. & Reg. Equipment - Comm	71,355	56,662	100.00%	56,662		56,662
20	387	28700	Other Equipment - Other	60,329	30,453	100.00%	30,453		30,453
21	387	28701	Street Lighting Equipment	31,156	22,860	100.00%	22,860		22,860
22			Asset Retirement Obligation	4,559,051	1,888,175	100.00%	1,888,175	(1,888,175)	0
23		108	Retirement Work in Progress		(3,530,184)	100.00%	(3,530,184)		(3,530,184)
24			Total Distribution Plant	764,560,074	188,231,162		188,231,162	(7,011,279)	181,219,883

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

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF DECEMBER 31, 2022

GENERAL PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.1, SCHEDULE B-3.1

SCHEDULE B-3
PAGE 7 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	13 Month Average Forecasted Period (1)	13 Month Average Forecasted Period Accumulated Balances				
					Total \$	Allocation %	Allocated Total \$	Adjustments \$	Adjusted Jurisdiction \$
1	303	20300	Miscellaneous Intangible Plant	15,051,457	10,051,356	100.00%	10,051,356		10,051,356
2	303	20310	Misc Intangible Plt - 10 Yr	2,742,336	943,506	100.00%	943,506		943,506
3	391	29100	Office Furniture & Equipment	0	54	100.00%	54	0	54
4	391	29101	Electronic Data Processing	1,407,874	952,835	100.00%	952,835		952,835
5	392	29200	Transportation Equipment	0	0	100.00%	0		0
6	392	29201	Trailers	71,734	54,141	100.00%	54,141		54,141
7	394	29400	Tools, Shop & Garage Equipment	1,598,228	1,081,124	100.00%	1,081,124	(21,698)	1,059,426
8	396	29600	Power Operated Equipment	172,567	43,820	100.00%	43,820		43,820
9	397	29700	Communication Equipment	10,976,397	2,635,633	100.00%	2,635,633	(131)	2,635,502
10	398	29800	Miscellaneous Equipment	85,725	58,984	100.00%	58,984	(57,858)	1,126
11		108	Retirement Work in Progress	0	12,219	100.00%	12,219		12,219
Total General Plant				32,106,318	15,833,672		15,833,672	(79,687)	15,753,985
12			Total General Plant	32,106,318	15,833,672		15,833,672	(79,687)	15,753,985
13			Total Gas Plant	809,587,125	211,192,150		211,192,150	(11,664,391)	199,527,759

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

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF DECEMBER 31, 2022

COMMON PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE B-2.1, SCHEDULE B-3.1

SCHEDULE B-3
PAGE 8 OF 8
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	13 Month Average Forecasted Period (1)	13 Month Average Forecasted Period Accumulated Balances				
					Total	Allocation %	Allocated Total	Adjustments	Adjusted Jurisdiction
					\$		\$	\$	\$
1		10300	Miscellaneous Intangible Plant	22,334,460	22,374,229	100.00%	22,374,229		22,374,229
2		18900	Land and Land Rights	1,041,678	0	100.00%	0		0
3		19000	Structures & Improvements	6,431,019	(4,117,636)	100.00%	(4,117,636)		(4,117,636)
4		19100	Office Furniture & Equipment	792,351	265,552	100.00%	265,552		265,552
5		19100-URR	Office Furniture & Equipment	0 (2)	238	100.00%	238		238
6		19101	Electronic Data Processing	(516,542)	(300,586)	100.00%	(300,586)		(300,586)
7		19101-URR	Electronic Data Processing	0 (2)	(24,960)	100.00%	(24,960)		(24,960)
8		19300	Stores Equipment	0	0	100.00%	0		0
9		19400	Tools, Shop & Garage Equipment	113,181	67,206	100.00%	67,206		67,206
10		19400-URR	Tools, Shop & Garage Equipment	0 (2)	7,800	100.00%	7,800		7,800
11		19700	Communication Equipment	8,110,796	7,009,716	100.00%	7,009,716		7,009,716
12		19700-URR	Communication Equipment	0 (2)	1,631,933	100.00%	1,631,933		1,631,933
13		19800	Miscellaneous Equipment	96,709	37,308	100.00%	37,308		37,308
14		19800-URR	Miscellaneous Equipment	0 (2)	(1,863)	100.00%	(1,863)		(1,863)
15			Asset Retirement Cost Obligation	226,897	248,573	100.00%	248,573	(248,573)	0
16		108	Retirement Work in Progress	0	(64,507)	100.00%	(64,507)		(64,507)
17			Total Common Plant	38,630,549	27,133,003		27,133,003	(248,573)	26,884,430
18		26.80%	Common Plant Allocated to Gas Original Cost	10,352,987					
19		26.80%	Reserve for Depreciation		7,271,645		7,271,645	(66,618)	7,205,027
20			Total Gas Plant Including Allocated Common	819,940,112	218,463,795		218,463,795	(11,731,009)	206,732,786

(1) Plant Investment Includes Completed Construction Not Classified (Account 106)
(2) 5 year life for Unrecovered Reserve for Amortization

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUSTMENTS TO ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NOS.: WPB-2.2g

SCHEDULE B-3.1
PAGE 1 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	Base Period	Jurisdictional %	Jurisdictional Adjustment	Workpaper Reference No.	Description and Purpose of Adjustment
<u>Manufactured Gas Production Plant</u>								
1	304	20401	Rights of Way	15,442	100.00	15,442	WPB-2.2g	Exclusion of gas facilities devoted to other than DE-Ky customers.
2	305	20500	Structures & Improvements	1,208,108	100.00	1,208,108	WPB-2.2g	
3	311	21100	Liquefied Petroleum Gas Equipment	2,850,121	100.00	2,850,121	WPB-2.2g	
4		108	Retirement Work in Progress	0	100.00	0		
5	Total Manufactured Gas Production Plant			<u>4,073,671</u>		<u>4,073,671</u>		
<u>Distribution Plant</u>								
6	374	27401	Rights of Way	137,438	100.00	137,438	WPB-2.2g	Exclusion of gas facilities devoted to other than DE-Ky customers.
7	375	27500	Structures & Improvements	32,593	100.00	32,593	WPB-2.2g	
8	376	27602	Gas Mains - Dist Lines/Steel	778	100.00	778	WPB-2.2g	
9	376	27605	Mains-Steel Feeder Lines	3,967,755	100.00	3,967,755	WPB-2.2g	
10	378	27800	System M & R Station Equip. - General	357,427	100.00	357,427	WPB-2.2g	
11	378	27801	System M & R Station Equip.	130,553	100.00	130,553	WPB-2.2g	
12	Total Distribution Plant			<u>4,626,544</u>		<u>4,626,544</u>		
<u>General Plant</u>								
13	391	29100	Office Furniture & Equipment	0	100.00	0	WPB-2.2g	Exclusion of gas facilities devoted to other than DE-Ky customers.
14	394	29400	Tools, Shop & Garage Equipment	20,867	100.00	20,867	WPB-2.2g	
15	397	29700	Communication Equipment	118	100.00	118	WPB-2.2g	
16	398	29800	Miscellaneous Equipment	48,663	100.00	48,663	WPB-2.2g	
17	Total General Plant			<u>69,648</u>		<u>69,648</u>		
18	Total Gas Plant Devoted to Other than DE-KY Customers			<u>8,769,863</u>		<u>8,769,863</u>		
20	<u>Asset Retirement Cost Obligations</u>							
21	Distribution Plant			1,881,581	100.00	1,881,581	Sch. B-3	Remove ARO
22	Common Plant			66,618	100.00	66,618	Sch. B-3	
23	Total Adjustment to ARO			<u>1,948,199</u>		<u>1,948,199</u>		
24	Total Adjustments to Plant in Service			<u>10,718,062</u>		<u>10,718,062</u>		

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUSTMENTS TO ACCUMULATED DEPRECIATION AND AMORTIZATION
AS OF DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NOS.: WPB-3.1a

SCHEDULE B-3.1
PAGE 2 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	FERC Acct. No.	Company Acct. No.	Account Title	13 Month Average Forecasted Period	Jurisdictional %	Jurisdictional Adjustment	Workpaper Reference No.	Description and Purpose of Adjustment
<u>Manufactured Gas Production Plant</u>								
1	304	20401	Rights of Way	15,445	100.00	15,445	WPB-2.2g	Exclusion of gas facilities devoted to other than DE-Ky customers.
2	305	20500	Structures & Improvements	1,328,604	100.00	1,328,604	WPB-2.2g	
3	311	21100	Liquefied Petroleum Gas Equipment	3,229,376	100.00	3,229,376	WPB-2.2g	
4		108	Retirement Work in Progress	0	100.00	0		
5	Total Manufactured Gas Production Plant			<u>4,573,425</u>		<u>4,573,425</u>		
<u>Distribution Plant</u>								
6	374	27401	Rights of Way	139,550	100.00	139,550	WPB-2.2g	Exclusion of gas facilities devoted to other than DE-Ky customers.
7	375	27500	Structures & Improvements	41,733	100.00	41,733	WPB-2.2g	
8	376	27602	Gas Mains - Dist Lines/Steel	904	100.00	904	WPB-2.2g	
9	376	27605	Mains-Steel Feeder Lines	4,179,596	100.00	4,179,596	WPB-2.2g	
10	378	27800	System M & R Station Equip. - General	596,280	100.00	596,280	WPB-2.2g	
11	378	27801	System M & R Station Equip.	165,041	100.00	165,041	WPB-2.2g	
12	Total Distribution Plant			<u>5,123,104</u>		<u>5,123,104</u>		
<u>General Plant</u>								
13	391	29100	Office Furniture & Equipment	0	100.00	0	WPB-2.2g	Exclusion of gas facilities devoted to other than DE-Ky customers.
14	394	29400	Tools, Shop & Garage Equipment	21,698	100.00	21,698	WPB-2.2g	
15	397	29700	Communication Equipment	131	100.00	131	WPB-2.2g	
16	398	29800	Miscellaneous Equipment	57,858	100.00	57,858	WPB-2.2g	
17	Total General Plant			<u>79,687</u>		<u>79,687</u>		
18	Total Gas Plant Devoted to Other than DE-KY Customers			<u>9,776,216</u>		<u>9,776,216</u>		
20	<u>Asset Retirement Cost Obligations</u>							
21	Distribution Plant			1,888,175	100.00	1,888,175	Sch. B-3	Remove ARO
22	Common Plant			66,618	100.00	66,618	Sch. B-3	
23	Total Adjustment to ARO			<u>1,954,793</u>		<u>1,954,793</u>		

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
DEPRECIATION AND AMORTIZATION ACCRUAL RATES AND
JURISDICTIONAL ACCUMULATED BALANCES BY ACCOUNTS,
FUNCTIONAL CLASS OR MAJOR PROPERTY GROUP
THIRTEEN MONTH AVERAGE AS OF DECEMBER 31, 2022

MANUFACTURED GAS PRODUCTION PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NOS.: SCHEDULE B-2.1, SCHEDULE B-3

SCHEDULE B-3.2
PAGE 1 OF 4
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No. (A)	FERC Acct. No. (B-1)	Company Acct. No. (B-2)	Account Title or Major Property Grouping (C)	Adjusted Jurisdiction 13-Month Average		Proposed Accrual Rate (F)	Calculated Depr/Amort Expense (G=DxF)	% Net Salvage (H)	Average Service Life (I)	Curve Form (J)
				Plant Investment (1) (D)	Accumulated Balance (E)					
				\$	\$					
1	304	20400	Land and Land Rights	42,140	0	0.00%	0	Perpetual Life		
2	304	20401	Rights of Way	8,753	9,003	0.02%	2	0.00%	50	SQ
3	305	20500	Structures & Improvements	1,720,113	798,345	4.70%	80,845	-10.00%	55	R4
4	311	21100	Liquefied Petroleum Gas Equipment	2,854,616	1,746,543	8.86%	252,919	-10.00%	55	R2.5
<hr/>										
5	Total Manufactured Gas Production Plant			4,625,622	2,553,891		333,766			

(1) Plant Investment includes Completed Construction Not Classified (Account 106).

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
DEPRECIATION AND AMORTIZATION ACCRUAL RATES AND
JURISDICTIONAL ACCUMULATED BALANCES BY ACCOUNTS,
FUNCTIONAL CLASS OR MAJOR PROPERTY GROUP
THIRTEEN MONTH AVERAGE AS OF DECEMBER 31, 2022

DISTRIBUTION PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NOS.: SCHEDULE B-2.1, SCHEDULE B-3

SCHEDULE B-3.2
PAGE 2 OF 4
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No. (A)	FERC Acct. No. (B-1)	Company Acct. No. (B-2)	Account Title or Major Property Grouping (C)	Adjusted Jurisdiction 13-Month Average		Proposed Accrual Rate (F)	Calculated Depr/Amort Expense (G=DxF)	% Net Salvage (H)	Average Service Life (I)	Curve Form (J)
				Plant Investment (1) (D)	Accumulated Balance (E)					
				\$	\$					
1	374	27400	Land and Land Rights	6,418,835	9,443	0	0	Perpetual Life		
2	374	27401	Rights of Way	964,570	560,736	1.04%	10,032	0.00%	70	R4
3	375	27500	Structures & Improvements	4,270,758	131,300	1.44%	61,499	-5.00%	60	R2
4	376	27601	Mains - Cast Iron & Copper	1,082,301	128,967	8.70%	94,160	-20.00%	47	R2.5
5	376	27602,27607	Mains - Steel	93,588,102	44,277,541	1.64%	1,534,845	-20.00%	65	R2.5
6	376	27603,27608	Mains - Plastic	177,835,435	55,447,119	1.53%	2,720,882	-20.00%	70	R3
7	376	27605	Mains - Feeder	124,489,937	13,475,765	1.49%	1,854,900	-20.00%	65	R2.5
8	378	27800	System Meas. & Reg. Station Equipment - General	39,801,914	2,095,544	2.04%	811,959	-25.00%	52	R1.5
9	378	27801	System Meas. & Reg. Station Equipment - Electric	1,440,378	485,983	6.37%	91,752	-25.00%	25	S2
10	378	27802	District Regulating Equipment	2,724,163	1,211,353	1.65%	44,949	-25.00%	55	R2
11	380	28001	Services- Cast Iron & Copper	(199,512)	(1,630,558)	5.27%	(10,514)	-25.00%	40	R2
12	380	28002,28004	Services-Steel	5,801,205	2,532,186	3.34%	193,760	-25.00%	42	R2
13	380	28003,28005-28007	Services-Plastic	220,515,027	60,408,691	2.39%	5,270,309	-25.00%	48	S0.5
14	381	28100,28101	Meters	15,152,456	(1,592,501)	10.77%	1,631,920	0.00%	17	L0
15	382	28200,28201	Meter Installations	15,613,757	697,071	3.82%	596,446	0.00%	30	S0
16	383	28300,283001	House Regulators	8,054,798	2,934,578	2.15%	173,178	0.00%	42	R1.5
17	384	28400,28401	House Regulator Installations	6,676,569	3,013,669	1.59%	106,157	0.00%	50	R3
18	385	28500	Large Industrial Meas. & Reg. Equipment	495,565	453,205	0.60%	2,973	-10.00%	42	R2
19	385	28501	Large Industrial Meas. & Reg. Equipment - Comm	71,355	56,662	3.64%	2,597	-10.00%	25	R2.5
20	387	28700	Other Equipment - Other	60,329	30,453	0.00% (2)	0	0.00%	17	R3
21	387	28701	Street Lighting Equipment	31,156	22,860	1.76%	548	0.00%	35	S2.5
22		108	Retirement Work in Progress		(3,530,184)					
23			Total Distribution Plant	724,889,098	181,219,883		15,192,352			

(1) Plant Investment includes Completed Construction Not Classified (Account 106).
(2) This account is fully depreciated.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
DEPRECIATION AND AMORTIZATION ACCRUAL RATES AND
JURISDICTIONAL ACCUMULATED BALANCES BY ACCOUNTS,
FUNCTIONAL CLASS OR MAJOR PROPERTY GROUP
THIRTEEN MONTH AVERAGE AS OF DECEMBER 31, 2022

GENERAL PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NOS.: SCHEDULE B-2.1, SCHEDULE B-3

SCHEDULE B-3.2
PAGE 3 OF 4
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No. (A)	FERC Acct. No. (B-1)	Company Acct. No. (B-2)	Account Title or Major Property Grouping (C)	Adjusted Jurisdiction 13-Month Average		Proposed Accrual Rate (F)	Calculated Depr/Amort Expense (G=DxF)	% Net Salvage (H)	Average Service Life (I)	Curve Form (J)
				Plant Investment (1) (D)	Accumulated Balance (E)					
				\$	\$					
				\$	\$					
1	303	20300	Miscellaneous Intangible Plant	15,051,457	10,051,356	Various	2,118,172			
2	303	20310	Misc Intangible Plt - 10 Yr	2,742,336	943,506	10.00%	267,408	Amortizes over 120 months		
3	391	29100	Office Furniture & Equipment	0	54	5.00%	0	0	20	SQ
4	391	29101	Electronic Data Processing	1,407,874	952,835	22.95%	323,107	0	5	SQ
5	392	29200	Transportation Equipment	0	0	0.00%	0	Depr. Charged to Transp. Expense		
6	392	29201	Trailers	71,734	54,141	0.00%	0	Depr. Charged to Transp. Expense		
7	394	29400	Tools, Shop & Garage Equipment	1,577,001	1,059,426	4.70%	74,119	0.00%	25	SQ
8	396	29600	Power Operated Equipment	172,567	43,820	0.00%	0	Depr. Charged to Transp. Expense		
9	397	29700	Communication Equipment	10,976,160	2,635,502	6.76%	741,988	0.00%	15	SQ
10	398	29800	Miscellaneous Equipment	2,134	1,126	13.20%	282	0.00%	20	SQ
11		108	Retirement Work in Progress		12,219					
<hr/>										
12			Total General Plant	32,001,263	15,753,985		3,525,076			
<hr/>										
13			Total Gas Plant	761,515,983	199,527,759		19,051,194			
<hr/>										

(1) Plant Investment includes Completed Construction Not Classified (Account 106).

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
DEPRECIATION AND AMORTIZATION ACCRUAL RATES AND
JURISDICTIONAL ACCUMULATED BALANCES BY ACCOUNTS,
FUNCTIONAL CLASS OR MAJOR PROPERTY GROUP
THIRTEEN MONTH AVERAGE AS OF DECEMBER 31, 2022

COMMON PLANT

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NOS.: SCHEDULE B-2.1, SCHEDULE B-3

SCHEDULE B-3.2
PAGE 4 OF 4
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No. (A)	FERC Acct. No. (B-1)	Company Acct. No. (B-2)	Account Title or Major Property Grouping (C)	Adjusted Jurisdiction 13-Month Average		Proposed Accrual Rate (F)	Calculated Depr/Amort Expense (G=DxF)	% Net Salvage (H)	Average Service Life (I)	Curve Form (J)
				Plant Investment (1) (D)	Accumulated Balance (E)					
				\$	\$					
1		10300	Miscellaneous Intangible Plant	22,334,460	22,374,229	0.00% (3)	0	Amortized over 60 months		
2		18900	Land and Land Rights	1,041,678	0	0.00%	0	Perpetual Life		
3		19000	Structures & Improvements	6,431,019	(4,117,636)	1.26%	81,031	0.00%	90	R1
4		19100	Office Furniture & Equipment	792,351	265,552	5.00%	39,618	0.00%	20	SQ
5		19100-URR	Office Furniture & Equipment	0	238	NA (2)	(110)	NA	NA	NA
6		19101	Electronic Data Processing	(516,542)	(300,586)	20.00%	(103,308)	0.00%	5	SQ
7		19101-URR	Electronic Data Processing	0	(24,960)	NA (2)	11,520	NA	NA	NA
8		19300	Stores Equipment	0	0					
9		19400	Tools, Shop & Garage Equipment	113,181	67,206	4.00%	4,527	0.00%	25	SQ
10		19400-URR	Tools, Shop & Garage Equipment	0	7,800	NA (2)	(3,600)	NA	NA	NA
11		19700	Communication Equipment	8,110,796	7,009,716	6.67%	540,990	0.00%	15	SQ
12		19700-URR	Communication Equipment	0	1,631,933	NA (2)	(753,200)	NA	NA	NA
13		19800	Miscellaneous Equipment	96,709	37,308	6.67%	6,450	0.00%	15	SQ
14		19800-URR	Miscellaneous Equipment	0	(1,863)	NA (2)	860	NA	NA	NA
15		108	Retirement Work in Progress		(64,507)					
<hr/>										
16			Total Common Plant	38,403,652	26,884,430		(175,222)			
<hr/>										
				Common Plant Allocated to Gas						
17		26.80%	Original Cost	10,292,179						
18		26.80%	Reserve		7,205,027					
19		26.80%	Annual Provision				(46,959)			
<hr/>										
20			Total Gas Plant Including Allocated Common	771,808,162	206,732,786		19,004,235			

(1) Plant Investment includes Completed Construction Not Classified (Account 106).
(2) 5 year life for Unrecovered Reserve for Amortization.
(3) This account is fully depreciated.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
CONSTRUCTION WORK IN PROGRESS
AS OF AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-4
PAGE 1 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	Major Property Groupings	Jurisdictional %	Total	
			Gross \$	Jurisdictional \$
1	Manufactured Gas Production	100.00%	2,028,421	2,028,421
2	Less: Gas Facilities Devoted to Other Than Kentucky Customers	100.00%	0	0
3	Net Manufactured Gas Production	100.00%	2,028,421	2,028,421
4	Distribution	100.00%	35,780,640	35,780,640
5	Less: Gas Facilities Devoted to Other Than Kentucky Customers	100.00%	0	0
6	Net Distribution	100.00%	35,780,640	35,780,640
7	General & Intangible	100.00%	5,429,770	5,429,770
8	Total Common	100.00%	211,493	211,493
9	26.80% Common Allocated to Gas	100.00%	56,680	56,680
10	Total Gas Including Common Allocated		43,295,511	43,295,511

Note: The Company is not requesting to include recovery of CWIP in base rates.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
CONSTRUCTION WORK IN PROGRESS
THIRTEEN MONTH AVERAGE AS OF DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-4
PAGE 2 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	Major Property Groupings	Jurisdictional %	Total	
			Gross \$	Jurisdictional \$
1	Manufactured Gas Production	100.00%	2,028,421	2,028,421
2	Less: Gas Facilities Devoted to Other Than Kentucky Customers	100.00%	0	0
3	Net Manufactured Gas Production	100.00%	2,028,421	2,028,421
4	Distribution	100.00%	32,003,647	32,003,647
5	Less: Gas Facilities Devoted to Other Than Kentucky Customers	100.00%	0	0
6	Net Distribution	100.00%	32,003,647	32,003,647
7	General & Intangible	100.00%	5,730,433	5,730,433
8	Total Common	100.00%	211,493	211,493
9	26.80% Common Allocated to Gas	100.00%	56,680	56,680
10	Total Gas Including Common Allocated		39,819,181	39,819,181

Note: The Company is not requesting to include recovery of CWIP in base rates.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ALLOWANCE FOR WORKING CAPITAL
AS OF AUGUST 31, 2021
AS OF DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):: SEE BELOW

SCHEDULE B-5
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

LINE NO.	WORKING CAPITAL COMPONENT	DESCRIPTION of METHODOLOGY USED to DETERMINE JURISDICTIONAL REQUIREMENT	WORK PAPER REFERENCE NUMBER	TOTAL COMPANY		JURISDICTIONAL	
				BASE PERIOD	FORECASTED PERIOD	BASE PERIOD	FORECASTED PERIOD
1	Cash Element of	N/A	N/A	\$ 0	\$ 0	\$ 0	\$ 0
2	Working Capital						
3							
4							
5	Other Working Capital:						
6	Fuel Inventory						
7	Coal	(1)	WPB-5.1g	15,977,231	15,977,231	0	0
8	Oil	(1)	WPB-5.1g	8,982,329	8,982,329	0	0
9	Natural Gas	(1)	WPB-5.1g	0	0	0	0
10	Propane - Woodsdale	(1)	WPB-5.1g	0	0	0	0
11	Total Fuel Inventory			24,959,560	24,959,560	0	0
12							
13	Gas Enricher Liquids	(1)	WPB-5.1a	4,986,469	4,986,469	1,785,156	1,785,156
14							
15	Gas Stored Underground	(1)	WPB-5.1e	1,692,954	1,692,954	1,692,954	1,692,954
16							
17	Emission Allowances	(1)	WPB-5.1h	0	0	0	0
18							
19	Materials and Supplies	(1)	WPB-5.1b	17,560,015	17,560,015	422,179	422,179
20							
21	Prepayments	(1)	WPB-5.1d	1,998,259	2,042,478	101,112	101,112
22							
23	Total Other Working Capital			51,197,257	51,241,476	4,001,401	4,001,401
24							
25	Total Working Capital			51,197,257	51,241,476	4,001,401	4,001,401

N.C - Not calculated

(1) The Base Period is the ending period balance. The Forecasted Period is a 13 month average balance.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
WORKING CAPITAL COMPONENTS
AS OF AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPB-5.1a through WPB-5.1h

SCHEDULE B-5.1
PAGE 1 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER

LINE NO.	DESCRIPTION	END OF BASE PERIOD BALANCE		
		TOTAL COMPANY (1)	JURISDICTIONAL % (2)	JURISDICTIONAL AMOUNT (3)
1	Cash Working Capital:			
2	N/A	<u>0</u>	N/A	<u>0</u>
3				
4				
5	Other Working Capital:			
6	Fuel Inventory			
7	Coal	15,977,231	0.000	0
8	Oil	8,982,329	0.000	0
9	Natural Gas	0	0.000	0
10	Propane - Woodsdale	<u>0</u>	0.000	<u>0</u>
11	Total Fuel Inventory	24,959,560		0
12				
13	Gas Enricher Liquids	4,986,469	35.800	1,785,156
14				
15	Gas Stored Underground	1,692,954	100.000	1,692,954
16				
17	Emission Allowances	0	0.000	0
18				
19	Materials and Supplies	17,560,015	Computed	422,179
20				
21	Prepayments	<u>1,998,259</u>	Computed	<u>101,112</u>
22				
23	Total Other Working Capital	<u>51,197,257</u>		<u>4,001,401</u>
24				
25	Total Working Capital	<u>51,197,257</u>		<u>4,001,401</u>

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
WORKING CAPITAL COMPONENTS
AS OF DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):: WPB-5.1a through WPB-5.1h

SCHEDULE B-5.1
PAGE 2 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER

LINE NO.	DESCRIPTION	13 MONTH AVERAGE FOR PERIOD		
		TOTAL COMPANY (1)	JURISDICTIONAL % (2)	JURISDICTIONAL AMOUNT (3)
1	Cash Working Capital:			
2	N/A	<u>0</u>	N/A	<u>0</u>
3				
4				
5	Other Working Capital:			
6	Fuel Inventory			
7	Coal	15,977,231	0.000	0
8	Oil	8,982,329	0.000	0
9	Natural Gas	0	0.000	0
10	Propane - Woodsdale	<u>0</u>	0.000	<u>0</u>
11	Total Fuel Inventory	24,959,560		0
12				
13	Gas Enricher Liquids	4,986,469	35.800	1,785,156
14				
15	Gas Stored Underground	1,692,954	100.000	1,692,954
16				
17	Emission Allowances	0	0.000	0
18				
19	Materials and Supplies	17,560,015	Computed	422,179
20				
21	Prepayments	<u>2,042,478</u>	Computed	<u>101,112</u>
22				
23	Total Other Working Capital	<u>51,241,476</u>		<u>4,001,401</u>
24				
25	Total Working Capital	<u>51,241,476</u>		<u>4,001,401</u>

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
CERTAIN DEFERRED CREDITS AND ACCUMULATED DEFERRED INCOME TAXES
AS OF AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPB-6a, WPB-6c

SCHEDULE B-6
PAGE 1 OF 2
WITNESS RESPONSIBLE:
J. R. PANIZZA

LINE NO.	ACCOUNT NUMBER	DESCRIPTION	TOTAL COMPANY	JURISDICTIONAL CODE	%	JURIS. AMOUNT	ADJUSTMENT	ADJUSTED JURIS. AMOUNT
			(1)	(2)		(3)	(4)	(5)
1	252	Customers' Advances for Construction	<u>(1,643,017)</u>	DALL	100.000	<u>(1,643,017)</u>		<u>(1,643,017)</u> (A)
2								
3	255	Investment Tax Credits: (B)						
4		3% Credit	0	DALL	100.000	0	0	0
5		4% Credit	(983)	DALL	100.000	(983)	983	0
6		10% Credit	(326,470)	DALL	100.000	(326,470)	326,470	0
7		30% Credit	0	DALL	100.000	0	0	0
8		Total Investment Tax Credits	<u>(327,453)</u>			<u>(327,453)</u>	<u>327,453</u>	<u>0</u> (C)
9								
10	190,	Deferred Income Taxes:						
11	282,283	Total Deferred Income Taxes	<u>(70,783,223)</u>	DALL	100.000	<u>(70,783,223)</u>	<u>2,541,284</u> (F)	<u>(68,241,939)</u> (D)
12								
13	254	Total Regulatory Liability - Excess Deferred Taxes	<u>(31,509,957)</u>	DALL	100.000	<u>(31,509,957)</u>	<u>1,592,141</u> (G)	<u>(29,917,816)</u> (E)

Sources:

- (A) Included on Schedule B-1 as Customers' Advances for Construction, Line 8.
- (B) The company elected the ratable flow through option in 1971 as provided under Section 46(f)(2).
- (C) Included on Schedule B-1 as Investment Tax Credits, Line 9.
- (D) Included on Schedule B-1 as Deferred Income Taxes, Line 10.
- (E) Included on Schedule B-1 as Excess Deferred Income Taxes, Line 11.
- (F) Includes adjustments for the elimination of liberalized depreciation related to facilities devoted to non DE-Kentucky customers, and ADIT for items not included in rate base.
- (G) Includes adjustments for the elimination of liberalized depreciation related to facilities devoted to non DE-Kentucky customers.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
CERTAIN DEFERRED CREDITS AND ACCUMULATED DEFERRED INCOME TAXES
AS OF DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):: WPB-6b, WPB-6d

SCHEDULE B-6
PAGE 2 OF 2
WITNESS RESPONSIBLE:
J. R. PANIZZA

LINE NO.	ACCOUNT NUMBER	DESCRIPTION	PRORATED	JURISDICTIONAL	%	JURIS.	ADJUSTMENT	ADJUSTED
			ACCUMULATED DEFERRED TAXES					CODE
			(1)	(2)		(3)	(4)	(5)
1	252	Customers' Advances for Construction	(1,643,017)	DALL	100.000	(1,643,017)		(1,643,017) (A)
2								
3	255	Investment Tax Credits: (B)						
4		3% Credit	0	DALL	100.000	0	0	0
5		4% Credit	(30)	DALL	100.000	(30)	30	0
6		10% Credit	(273,180)	DALL	100.000	(273,180)	273,180	0
7		30% Credit	0	DALL	100.000	0	0	0
8		Total Investment Tax Credits	<u>(273,210)</u>			<u>(273,210)</u>	<u>273,210</u>	<u>0</u> (C)
9								
10	190,	Deferred Income Taxes:						
11	282,283	Total Deferred Income Taxes	<u>(72,948,025)</u>	DALL	100.000	<u>(72,948,025)</u>	<u>3,275,942</u> (F)	<u>(69,672,083)</u> (D)
12								
13	254	Total Regulatory Liability - Excess Deferred Taxes	<u>(30,956,086)</u>	DALL	100.000	<u>(30,956,086)</u>	<u>1,686,110</u> (G)	<u>(29,269,976)</u> (E)

Sources:

- (A) Included on Schedule B-1 as Customers' Advances for Construction, Line 8.
- (B) The company elected the ratable flow through option in 1971 as provided under Section 46(f)(2)
- (C) Included on Schedule B-1 as Investment Tax Credits, Line 9.
- (D) Included on Schedule B-1 as Deferred Income Taxes, Line 10.
- (E) Included on Schedule B-1 as Excess Deferred Income Taxes, Line 11.
- (F) Includes adjustments for the elimination of liberalized depreciation related to facilities devoted to non DE-Kentucky customers, and ADIT for items not included in rate base.
- (G) Includes adjustments for the elimination of liberalized depreciation related to facilities devoted to non DE-Kentucky customers.

Note:

- Amounts are gas only
- Non-cash transactions not included in these amounts

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
JURISDICTIONAL PERCENTAGE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-7
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. E. ZIOLKOWSKI

LINE NO.	ACCOUNT NUMBER	ACCOUNT TITLE	JURISDICTIONAL CODE	%	DESCRIPTION OF FACTORS AND/OR METHOD OF ALLOCATION
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Not Applicable - 100% Jurisdictional

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
JURISDICTIONAL STATISTICS - RATE BASE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-7.1
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. E. ZIOLKOWSKI

LINE NO. (A)	DESCRIPTION BY MAJOR GROUPINGS OR ACCOUNT (B)	STATISTIC TOTAL COMPANY (C)	ADJUSTMENT TO TOTAL COMPANY STATISTIC (D)	ADJUSTED STATISTIC FOR TOTAL COMPANY (E = C+D)	STATISTIC FOR RATE AREA (F)	ALLOCATION FACTOR % (G = F / E)
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Not Applicable - 100% Jurisdictional

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
EXPLANATION OF CHANGES IN JURISDICTIONAL PROCEDURES
RATE BASE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-7.2
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. E. ZIOLKOWSKI

LINE NO.	ACCOUNT NUMBER	DESCRIPTION	PROCEDURES APPROVED IN PRIOR CASE	RATIONALE FOR CHANGE
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Not Applicable - 100% Jurisdictional

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
COMPARATIVE BALANCE SHEETS
AS OF DECEMBER 31, 2016-2020 AND BASE AND FORECASTED PERIODS

DATA: 'X' BASE PERIOD 'Y' FORECASTED PERIOD
TYPE OF FILING: 'X' ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-8
PAGE 1 OF 2
WITNESS RESPONSIBLE
A. MOTSINGER / B. MANGES

LINE NO.	DESCRIPTION	13 MONTH AVG FORECASTED PERIOD		BASE PERIOD		MOST RECENT FIVE CALENDAR YEARS									
		Change	%	Change	%	2020	Change	2019	Change	2018	Change	2017	Change	2016	Change
1	ASSETS														
2	UTILITY PLANT														
3	UTILITY PLANT IN SERVICE	3,010,716,392	2.95%	2,924,423,049	1.49%	2,881,491,826	8.43%	2,633,071,936	9.74%	2,399,457,684	9.53%	2,190,743,460	6.74%	2,052,384,114	0.79%
4	CONSTRUCTION WORK IN PROGRESS	144,527,964	38.33%	104,481,353	48.31%	70,446,121	(38.55)%	114,642,467	(3.47)%	118,766,445	8.57%	109,390,337	71.37%	63,832,272	47.21%
5	TOTAL UTILITY PLANT	3,155,244,356	4.17%	3,028,904,402	2.61%	2,951,937,947	7.43%	2,747,714,303	9.11%	2,518,224,130	9.48%	2,300,133,797	8.69%	2,116,217,086	1.75%
6	LESS: ACCUMULATED PROVISION FOR DEPRECIATION	1,083,444,784	2.11%	1,061,055,758	1.56%	1,044,742,638	3.93%	1,005,243,913	1.28%	992,560,885	(3.82)%	1,032,028,167	3.10%	1,001,008,038	2.33%
7	NET UTILITY PLANT	2,071,799,572	5.28%	1,967,848,644	3.18%	1,907,195,309	9.45%	1,742,470,390	14.21%	1,525,663,245	20.31%	1,268,105,630	13.71%	1,115,209,048	1.24%
8	OTHER PROPERTY AND INVESTMENTS														
9	NON-UTILITY PROPERTY - NET	2,206	-	2,206	(99.82)%	1,220,439	(0.86)%	1,231,001	24.87%	985,844	273.40%	254,016	11868.09%	2,206	-
10	LESS: ACCUM. PROVISION FOR DEPR. & AMORT.	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	NONCURRENT PORTION OF ALLOWANCES	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	OTHER INVESTMENTS	1,500	-	1,500	-	1,500	-	1,500	-	1,500	-	1,500	-	1,500	
13	SPECIAL FUNDS	12,851,866	(3.71)%	13,347,730	3.86%	12,851,866	31.48%	9,774,894	33.34%	7,330,598	519.00%	1,184,266	(30.97)%	1,715,645	53.02%
14	LONG TERM PORTION OF DERIVATIVE INSTRUMENT ASSETS	317,782	-	317,782	(57.59)%	317,782	(57.59)%	749,242	101.80%	371,272	16.63%	318,333	(66.64)%	954,187	-
15	TOTAL OTHER PROPERTY AND INVESTMENTS	13,173,354	(3.63)%	13,669,218	(5.02)%	14,391,587	22.41%	11,796,637	35.30%	8,689,214	391.44%	1,768,115	(33.87)%	2,673,538	137.67%
16	CURRENT AND ACCRUED ASSETS														
17	CASH	11,696,101	111.50%	5,530,115	28.70%	4,296,974	(39.87)%	7,145,654	(8.07)%	7,772,710	360.70%	1,687,146	(74.18)%	6,533,836	(28.52)%
18	SPECIAL DEPOSITS	-	-	-	-	-	-	-	-	-	-	-	-	-	
19	WORKING FUNDS	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	TEMPORARY CASH INVESTMENTS	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	CUSTOMER ACCOUNTS RECEIVABLE	(953,474)	67.07%	(2,895,449)	(100.00)%	5,233,908	27.17%	4,902,218	(0.48)%	4,925,759	68.79%	2,918,345	214.10%	929,120	(81.47)%
22	OTHER ACCOUNTS RECEIVABLE	(324,092)	4.19%	(338,266)	(246.14)%	1,981,275	(3.23)%	(313,942)	(42.16)%	(220,841)	5.44%	(233,542)	(65.87)%	(140,798)	27.61%
23	(LESS) ACCUM. PROVISION FOR UNCOLLECTIBLE ACCOUNTS - CREDIT	23,018,442	(14.45)%	26,907,480	27.94%	21,030,760	31.20%	16,029,153	(30.52)%	23,069,663	(32.95)%	34,407,460	87.10%	18,389,762	81.41%
24	NOTES RECEIVABLE FROM ASSOCIATED COMPANIES	-	-	-	(100.00)%	2,001,212	(80.18)%	10,087,278	108.32%	4,842,266	27.04%	3,811,739	(13.01)%	4,382,007	221.68%
25	RECEIVABLES FROM ASSOCIATED COMPANIES	42,682,012	3.45%	41,258,733	(13.47)%	47,682,012	(0.65)%	47,992,128	25.12%	38,355,620	(8.07)%	40,833,674	(10.50)%	45,624,298	3.36%
26	MATERIALS, SUPPLIES AND FUEL	-	-	-	(100.00)%	19,921	(4.47)%	20,854	(13.14)%	24,008	(23.07)%	31,206	(38.39)%	50,652	(30.83)%
27	EMISSION ALLOWANCES	-	-	-	(100.00)%	426,870	1.46%	422,679	(33.42)%	634,866	29.03%	491,801	0.13%	491,138	(42.66)%
28	GAS STORED - CURRENT	-	-	-	-	-	-	-	-	-	-	-	-	-	
29	PREPAYMENTS	-	-	-	-	-	-	-	-	-	-	-	-	-	
30	INTEREST AND DIVIDENDS RECEIVABLE	-	-	-	-	-	-	-	-	-	-	-	-	-	
31	MISCELLANEOUS CURRENT AND ACCRUED ASSETS	2,720,081	403.78%	539,630	(33.13)%	7,063,991	22.77%	6,405,394	36.14%	4,705,042	87.65%	2,507,391	(82.11)%	14,017,712	(30.90)%
32	DERIVATIVE INSTRUMENT ASSETS	-	-	-	(100.00)%	1,379,378	(60.67)%	3,507,191	(38.31)%	5,684,959	405.15%	1,125,387	(71.60)%	3,962,367	36.03%
33	(LESS) LONG-TERM PORTION OF DERIVATIVE INSTRUMENT ASSETS	-	-	-	100.00%	(317,782)	57.59%	(749,242)	-	-	-	-	-	-	
34	DERIVATIVE INSTRUMENT ASSETS - HEDGES	-	-	-	-	-	-	-	-	-	-	-	-	-	
35	(LESS) LONG-TERM PORTION OF DERIVATIVE INSTRUMENT ASSETS - HEDGES	-	-	-	-	-	-	-	-	-	-	-	-	-	
36	RENTS RECEIVABLE	-	-	-	(100.00)%	21,480	245.84%	6,211	148.44%	2,500	-	2,500	-	2,500	
37	TOTAL CURRENT AND ACCRUED ASSETS	78,839,070	11.04%	71,002,552	(23.07)%	92,297,906	(8.29)%	100,643,615	2.57%	98,126,381	7.40%	91,362,333	(7.27)%	98,529,744	0.09%
38	DEFERRED DEBITS														
39	UNAMORTIZED DEBT EXPENSE	2,665,903	0.54%	2,651,635	(14.87)%	3,114,783	0.05%	3,085,008	33.25%	2,315,607	11.41%	2,078,548	19.66%	1,736,620	32.96%
40	OTHER REGULATORY ASSETS	112,578,305	(8.94)%	120,974,427	(11.15)%	136,150,402	3.06%	132,105,622	(0.04)%	132,158,744	3.57%	127,608,194	79.68%	71,018,702	47.47%
41	PRELIM. SURVEY AND INVESTIGATION CHARGES (ELECTRIC)	-	-	-	(100.00)%	447,199	25.86%	355,305	270.43%	95,916	(66.94)%	290,170	102.34%	143,374	(89.43)%
42	CLEARING ACCOUNTS	-	-	-	(100.00)%	4	(99.91)%	4,588	32671.43%	14	116.28%	(86)	(437.50)%	(16)	(166.67)%
43	TEMPORARY FACILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-	
44	MISCELLANEOUS DEFERRED DEBITS	170,989,385	1.84%	167,901,023	7687.11%	2,156,140	(14.97)%	2,535,761	(31.53)%	3,703,575	54.25%	2,400,973	(91.96)%	29,840,493	1.02%
45	UNAMORTIZED LOSS ON REACQUIRED DEBT	334,913	(23.08)%	435,389	(15.82)%	517,204	(24.93)%	688,982	(25.27)%	921,959	(22.42)%	1,188,432	(10.32)%	1,454,968	(15.49)%
46	ACCUMULATED DEFERRED INCOME TAXES	16,516,759	(20.91)%	20,884,316	(71.48)%	73,220,723	5.16%	69,630,737	(3.26)%	71,989,018	23.35%	58,361,447	82.36%	32,002,628	(20.58)%
47	UNRECOVERED PURCHASED GAS COSTS	-	-	-	100.00%	(3,514,021)	18.26%	(4,298,839)	(2615.66)%	170,883	177.76%	(219,763)	(113.50)%	1,627,916	181.22%
48	TOTAL DEFERRED DEBITS	303,078,265	(3.12)%	312,846,790	47.50%	212,092,434	3.91%	204,107,764	(3.43)%	211,355,715	10.25%	191,707,852	39.10%	137,824,632	12.09%
49															
50															
51	TOTAL ASSETS	2,466,890,261	4.29%	2,365,367,204	6.26%	2,226,977,236	8.11%	2,058,976,406	11.67%	1,843,834,555	18.73%	1,552,943,930	14.67%	1,354,296,962	2.26%

Note: The Company does not forecast the balance sheet to the same level of detail as actuals are recorded.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
COMPARATIVE BALANCE SHEETS
AS OF DECEMBER 31, 2016-2020 AND BASE AND FORECASTED PERIODS

DATA: 'X' BASE PERIOD 'X' FORECASTED PERIOD
TYPE OF FILING: 'X' ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE B-8
PAGE 2 OF 2
WITNESS RESPONSIBLE:
A. MOTSINGER / B. MANGES

LINE NO.	DESCRIPTION	13 MONTH AVG. FORECASTED PERIOD		MOST RECENT FIVE CALENDAR YEARS									
		% Change	BASE PERIOD	% Change	2020	% Change	2019	% Change	2018	% Change	2017	% Change	2016
1	LIABILITIES AND NET WORTH												
2	PROPRIETARY CAPITAL												
3	COMMON STOCK ISSUED		8,779,995		8,779,995		8,779,995		8,779,995		8,779,995		8,779,995
4	PREMIUM ON CAPITAL STOCK		18,838,946		18,838,946		18,838,946		18,838,946		18,838,946		18,838,946
5	OTHER PAID-IN CAPITAL		589,132,472		589,132,472	163.41%	223,655,189	12.58%	198,655,189	21.39%	163,655,189	10.09%	148,655,189
6	RETAINED EARNINGS	81.11%	135,340,333	(7.02)%	466,962,760	11.49%	418,819,464	13.21%	369,949,518	15.56%	320,140,297	22.76%	260,741,367
7	ACCUMULATED OTHER COMPREHENSIVE INCOME												
8	TOTAL PROPRIETARY CAPITAL	14.60%	752,091,746	4.71%	718,236,890	11.34%	645,093,594	8.20%	596,223,648	16.56%	511,414,427	17.02%	437,015,497
9	LONG TERM DEBT												
10	ADVANCES FROM ASSOCIATED COMPANIES		25,000,000		25,000,000		25,000,000		25,000,000		25,000,000		25,000,000
11	OTHER LONG TERM DEBT	17.63%	772,489,231	(7.07)%	706,720,000	10.99%	636,720,000	20.88%	526,720,000	23.43%	426,720,000	26.73%	336,720,000
12	UNAMORTIZED PREMIUM ON LONG TERM DEBT												
13	UNAMORTIZED DISCOUNT ON LONG TERM DEBT - DEBIT	5.74%	(167,905)	(195.61)%	186,301	(6.18)%	198,565	(18.85)%	238,808	(17.19)%	288,378	(14.67)%	337,948
14	LESS: CURRENT PORTION OF LONG TERM DEBT												
15	TOTAL LONG TERM DEBT	16.98%	681,866,125	(6.79)%	731,533,699	10.58%	661,521,435	19.95%	551,481,192	22.16%	451,431,622	24.92%	361,382,052
16	OTHER NONCURRENT LIABILITIES												
17	OBLIGATIONS UNDER CAPITAL LEASES - NONCURRENT			(100.00)%	8,696,322	(3.26)%	8,989,259	4785.20%	184,010	(68.29)%	580,230	(60.41)%	1,465,571
18	ACCUMULATED PROVISION FOR INJURIES AND DAMAGES			100.00%	(83,933)	(8.84)%	(77,114)	(87.28)%	(41,175)	(40.08)%	(68,721)	(19.16)%	(57,669)
19	ACCUMULATED PROVISION FOR PENSIONS & BENEFITS	3.76%	32,107,879	2.15%	31,431,080	10.83%	28,359,904	30.48%	21,734,353	24.78%	17,417,765	16.31%	14,974,925
20	ACCUMULATED PROVISION FOR OPERATING PROVISIONS							100.00%	(555)				
21	ACCUMULATED PROVISION FOR RATE REFUNDS							(100.00)%	250,709				
22	LONG-TERM PORTION OF DERIVATIVE INSTRUMENT LIABILITIES			(100.00)%	5,290,232	15.57%	4,577,529	17.29%	3,902,779	(16.03)%	4,647,739	(9.06)%	5,110,664
23	ASSET RETIREMENT OBLIGATIONS	(0.20)%	73,048,300	(4.03)%	76,111,813	52.90%	49,739,851	(20.77)%	62,826,300	15.11%	54,581,508	3.23%	52,822,086
24	TOTAL OTHER NONCURRENT LIABILITIES	1.01%	105,156,179	(13.41)%	121,445,514	32.54%	91,629,429	3.12%	88,856,421	15.16%	77,158,621	3.83%	74,315,577
25	CURRENT AND ACCRUED LIABILITIES												
26	NOTES PAYABLE												
27	CURRENT PORTION OF LONG TERM DEBT	(88.64)%	50,000,000	21.75%	41,066,542	(25.06)%	54,795,775	80.15%	45,799,387	(5.85)%	48,645,825	53.60%	31,671,028
28	ACCOUNTS PAYABLE	65.32%	26,358,317	(65.08)%	75,472,000	(8.53)%	82,509,000	(67.77)%	10,434,274	11.19%	15,766,299	25.39%	19,656,000
29	NOTES PAYABLE TO ASSOCIATED COMPANIES	(98.57)%	109,952,989	562.56%	16,595,166	32.45%	12,509,574	(40.49)%	17,532,978	0.60%	9,927,601	(100.00)%	19,656,000
30	ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES	57.65%	10,368,316	13.48%	9,136,958	(12.43)%	10,434,274	(40.49)%	17,532,978	11.19%	15,766,299	25.39%	12,575,290
31	CUSTOMER DEPOSITS			(100.00)%	18,784,698	42.26%	13,204,913	33.01%	9,927,601	0.60%	9,020,908	(3.99)%	10,269,585
32	TAXES ACCRUED	79.13%	10,919,208	43.45%	7,611,627	6.59%	7,140,744	(48.24)%	13,796,235	(14.06)%	16,053,519	44.59%	11,102,968
33	INTEREST ACCRUED	(24.62)%	9,022,532			(100.00)%		6,111,877	13.53%	5,383,681	27.35%	4,227,363	
34	TAX COLLECTIONS PAYABLE			(100.00)%	2,099,960	(4.16)%	2,191,217	4.00%	2,106,943	24.53%	1,691,919	(4.40)%	1,769,826
35	MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES	(13.78)%	17,841,064	(115.99)%	8,260,083	(20.19)%	10,349,553	(28.23)%	14,419,733	72.81%	8,344,201	(50.72)%	16,932,837
36	OBLIGATIONS UNDER CAPITAL LEASES - CURRENT			(100.00)%	292,937	8.68%	269,544	(32.02)%	396,478	(55.22)%	885,342	29.00%	686,310
37	DERIVATIVE INSTRUMENT LIABILITIES			(100.00)%	6,298,964	19.02%	5,292,525	17.95%	4,487,277	(16.40)%	5,367,483	(9.69)%	5,943,438
38	(LESS) LONG-TERM PORTION OF DERIVATIVE INSTRUMENT LIABILITIES			100.00%	(5,290,232)	(15.57)%	(4,577,529)	(17.29)%	(3,902,779)	16.03%	(4,647,739)	9.06%	(5,110,664)
39	TOTAL CURRENT AND ACCRUED LIABILITIES	(53.54)%	234,462,426	30.02%	180,328,733	(7.11)%	194,139,770	29.82%	149,550,732	39.31%	107,352,438	(2.16)%	109,723,641
40	DEFERRED CREDITS												
41	CUSTOMER ADVANCES FOR CONSTRUCTION		1,643,017	3.01%	1,595,027	(0.63)%	1,605,199	1.92%	1,574,916	0.77%	1,562,943	8.96%	1,434,379
42	ACCUMULATED DEFERRED INVESTMENT TAX CREDITS	(1.53)%	3,563,137	(1.52)%	3,618,035	(1.66)%	3,679,210	4.46%	3,522,114	(8.21)%	3,836,961	459.86%	685,347
43	OTHER DEFERRED CREDITS	(4.53)%	20,208,746	38.20%	14,622,647	1.99%	14,336,913	(3.65)%	14,880,299	(6.94)%	15,990,512	(20.23)%	20,046,049
44	OTHER REGULATORY LIABILITIES	1.08%	185,656,893	1978.50%	8,932,230	(10.21)%	9,947,564	(8.99)%	10,929,696	78.88%	6,110,148	2.07%	5,986,078
45	EXCESS DEFERRED INCOME TAXES	(5.08)%	92,370,478	(28.98)%	130,062,805	14.15%	135,690,203	(3.15)%	140,988,537	5.12%	133,277,803	(28.76)%	343,648,042
46	ACCUMULATED DEFERRED INCOME TAXES	1.43%	958,316,857	(6.85)%	313,001,039	4.73%	301,335,089	5.10%	396,717,000	17.12%	244,808,495	9.09%	371,799,895
47	TOTAL DEFERRED CREDITS	0.08%	591,758,728	24.73%	474,432,400	1.68%	466,594,178	1.94%	457,722,562	12.85%	405,586,862	14.67%	1,354,236,962
48													
49													
50	TOTAL LIABILITIES	0.04%	2,365,367,204	6.26%	2,225,977,236	8.11%	2,058,978,406	11.67%	1,843,834,555	18.73%	1,552,943,930	14.67%	1,354,236,962

Before

KENTUCKY PUBLIC SERVICE COMMISSION

GAS CASE NO. 2021-00190

IN THE MATTER OF THE APPLICATION
OF DUKE ENERGY KENTUCKY
FOR AUTHORITY TO INCREASE
ITS RATES FOR GAS SERVICE TO ALL
JURISDICTIONAL CONSUMERS

SECTION C

SECTION C

OPERATING INCOME

DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended August 31, 2021

Forecasted Period: Twelve Months Ended December 31, 2022

Schedules

- C-1 Jurisdictional Operating Income Summary
- C-2 Jurisdictional Adjusted Operating Income Statement
- C-2.1 Jurisdictional Operating Revenue and Expenses by Accounts

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
JURISDICTIONAL OPERATING INCOME SUMMARY
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):: SCHEDULE C-2, SCHEDULE M, WPC-1a

SCHEDULE C-1
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	DESCRIPTION	FORECASTED RETURN AT CURRENT RATES	PROPOSED INCREASE	FORECASTED RETURN AT PROPOSED RATES
		(\$)	(\$)	(\$)
1	Operating Revenues	<u>111,453,759</u>	<u>15,228,161</u>	<u>126,681,920</u>
2				
3	Operating Expenses			
4	Operation & Maintenance	62,796,024	0	62,796,024
5	Depreciation	19,004,235	0	19,004,235
6	Taxes - Other	4,686,340	30,456	4,716,796
7	Operating Expenses before Income Taxes	86,486,599	30,456	86,517,055
8				
9	State Income Taxes	749,754	755,098	1,504,852
10	Federal Income Taxes	2,563,592	3,032,947	5,596,539
11				
12	Total Operating Expenses	<u>89,799,945</u>	<u>3,818,501</u>	<u>93,618,446</u>
13				
14	Income Available for Fixed Charges	<u>21,653,814</u>	<u>11,409,660</u>	<u>33,063,474</u>
15				
16	Jurisdictional Rate Base	468,321,206		468,321,206
17	Rate of Return on Rate Base	4.62%		7.060%

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
JURISDICTIONAL ADJUSTED OPERATING INCOME STATEMENT
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE C-2.1, SCHEDULE D-1, WPC-2a through WPC-2e

SCHEDULE C-2
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	MAJOR ACCOUNT OR GROUP CLASSIFICATION	BASE PERIOD	ADJUSTMENTS TO BASE PERIOD		FORECASTED PERIOD	PRO FORMA ADJUSTMENTS TO FORECASTED PERIOD		PRO FORMA FORECASTED PERIOD
			AMOUNT	SCHEDULE REFERENCE		AMOUNT	SCHEDULE REFERENCE	
1	OPERATING REVENUE							
2	Base	70,145,537	709,972	D-2.1	70,855,509	(182,576)	WPC-2e	70,672,933
3	Gas Cost	35,509,112	4,244,373	D-2.1	39,753,485	717,117	WPC-2e	40,470,602
4	Other Revenue	1,270,995	490,425	D-2.1	1,761,420	(1,451,196)	WPC-2e	310,224
5	Total Revenue	106,925,644	5,444,770		112,370,414	(916,655)		111,453,759
6								
7	OPERATING EXPENSES							
8	Operation and Maintenance Expenses							
9	Production Expenses							
10	Liquefied Petroleum Gas	43,757	292,613	D-2.2	336,370	0		336,370
11	Other	505,965	(87,408)	D-2.3	418,557	(45,985)	WPC-2e	372,572
12	Total Production Expense	549,722	205,205		754,927	(45,985)		708,942
13								
14	Other Gas Supply Expenses							
15	Purchased Gas	34,975,244	4,778,233	D-2.2	39,753,477	717,125	WPC-2e	40,470,602
16	Other	592,434	(26,660)	D-2.4	565,774	0		565,774
17	Total Other Gas Supply Expenses	35,567,678	4,751,573		40,319,251	717,125		41,036,376
18	Transmission Expense	420,725	115,162	D-2.5	535,887	(35)		535,852
19	Distribution Expense	8,031,083	337,547	D-2.6	8,368,630	(54,749)	WPC-2e	8,313,881
20	Customer Accounts Expense	3,620,724	1,990,460	D-2.7	5,611,184	(1,256,392)	WPC-2e	4,354,792
21	Customer Service & Information Expense	345,347	43,843	D-2.8	389,190	(180)	WPC-2e	389,010
22	Sales Expense	366,876	47,036	D-2.9	413,912	(14,352)	WPC-2e	399,560
23	Administrative & General Expense	8,567,754	(1,203,155)	D-2.10	7,364,599	(714,748)	WPC-2e	6,649,851
24	Other	1,897,323	(1,489,563)	D-2.11	407,760	0		407,760
25	Total Operation and Maintenance Expense	59,367,232	4,798,108		64,165,340	(1,369,316)		62,796,024
26								
27	Depreciation Expense	19,376,330	665,032	D-2.12	20,041,362	(1,037,127)	WPC-2e	19,004,235
28								
29	Taxes Other Than Income Taxes							
30	Other Federal Taxes	157,416	(157,416)	D-2.13	0	0	WPC-2e	0
31	State and Other Taxes	4,106,373	821,629	D-2.13	4,928,002	(241,662)	WPC-2e	4,686,340
32	Total Taxes Other Than Income Taxes	4,263,789	664,213		4,928,002	(241,662)		4,686,340
33								
34	State Income Taxes							
35	State Income Tax - Current	(303,448)	281,594	D-1, E-1	(21,854)	138,924	D-1, E-1	117,070
36	Provision for Deferred Income Taxes - Net	1,011,516	(310,562)	D-1, E-1	700,954	(68,270)	D-1, E-1	632,684
37	Total State Income Tax Expense	708,068	(28,968)		679,100	70,654		749,754
38								
39	Federal Income Taxes							
40	Federal Income Tax - Current	1,959,102	(623,711)	D-1, E-1	1,335,391	558,006	D-1, E-1	1,893,397
41	Provision for Deferred Income Taxes - Net	537,185	467,863	D-1, E-1	1,005,048	(274,106)	D-1, E-1	730,942
42	Amortization of Investment Tax Credit	(75,934)	15,187	D-1, E-1	(60,747)	0	D-1, E-1	(60,747)
43	Total Federal Income Tax Expense	2,420,353	(140,661)		2,279,692	283,900		2,563,592
44								
45	Total Operating Expenses and Taxes	86,135,772	5,957,724		92,093,496	(2,293,551)		89,799,945
46								
47	Net Operating Income	20,789,872	(512,954)		20,276,918	1,376,896		21,653,814

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S)::

SCHEDULE C-2.1
PAGE 1 OF 16
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		REVENUE				
2						
3		Retail Revenue				
4	480000	Residential Sales Gas	72,344,611	100.000	72,344,611	DALL
5	480990	Residential Unbilled Gas	(1,042,142)	100.000	(1,042,142)	DALL
6	481200	Commercial Sales Gas	25,224,060	100.000	25,224,060	DALL
7	481290	Commercial Unbilled Gas	(147,755)	100.000	(147,755)	DALL
8	481000	Industrial Sales Gas	1,859,021	100.000	1,859,021	DALL
9	481090	Industrial Unbilled Gas	(10,266)	100.000	(10,266)	DALL
10	482200	Public Str/Hqwy Lighting Gas	513	100.000	513	DALL
11	482000	Other Sales To Pub Authority Gas	1,168,722	100.000	1,168,722	DALL
12	482090	Other Sales To Pub Auth Unbill	(65,534)	100.000	(65,534)	DALL
13	484000	Interdepartmental Sales	21,999	100.000	21,999	DALL
14		Total Retail Revenue	<u>99,353,229</u>		<u>99,353,229</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS - JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE C-2.1
PAGE 2 OF 16
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		Other Revenues				
2	487001	Late Payment Charges	1,166	100.000	1,166	DALL
3	488000	Miscellaneous Service Revenue	35,078	100.000	35,078	DALL
4	488100	Miscellaneous Service Rev - I/C	604,439	100.000	604,439	DALL
5	489000	Rev Transp Gas of Others	1,538,632	100.000	1,538,632	DALL
6	489010	Rev Transp Gas of Others - Inter Co.	601,752	100.000	601,752	DALL
7	489020	Com Gas Transp Only	1,497,576	100.000	1,497,576	DALL
8	489025	Com Gas Transp Unbilled	17,092	100.000	17,092	DALL
9	489030	Ind Gas Transp Only	2,992,652	100.000	2,992,652	DALL
10	489035	Ind Gas Transp Unbilled	(5,079)	100.000	(5,079)	DALL
11	489040	OPA Gas Transp Only	257,707	100.000	257,707	DALL
12	489045	OPA Gas Transp Unbilled	2,840	100.000	2,840	DALL
13	495031	Gas Losses Damaged Lines	3,492	100.000	3,492	DALL
14	496020	Provision for Rate Refunds	25,068	100.000	25,068	DALL
15		Total Other Revenues	<u>7,572,415</u>		<u>7,572,415</u>	
16						
17		Total Revenue	<u>106,925,644</u>		<u>106,925,644</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS - JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
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SCHEDULE C-2.1
PAGE 3 OF 16
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		OPERATING EXPENSES				
2		Production Expense				
3		Manufactured Gas Expense				
4		Operation				
5	711000	Steam Expenses	2,294	100.000	2,294	DALL
6	712000	Other Power Expenses	1,883	100.000	1,883	DALL
7	717000	Liquefied Petroleum Expense	215,498	100.000	215,498	DALL
8	728000	Liquefied Petroleum Gas	43,757	100.000	43,757	DALL
9	735000	Miscellaneous Production Expense	186,529	100.000	186,529	DALL
10		Total Operation	<u>449,961</u>		<u>449,961</u>	
11						
12		Maintenance				
13	742000	Maintenance of Production Expense	99,761	100.000	99,761	DALL
14		Total Maintenance	<u>99,761</u>		<u>99,761</u>	
15		Total Production Expense	<u>549,722</u>		<u>549,722</u>	
16						
17		Other Gas Supply Expense				
18		Purchased Gas Expense				
19	801	Purchases Gas & NGL	39,806,604	100.000	39,806,604	DALL
20	805000	Unrecovered Purchase Gas Cost Adj.	(4,343,696)	100.000	(4,343,696)	DALL
21	805200	Purchased Gas Costs - Unbilled	(487,664)	100.000	(487,664)	DALL
22	807	Gas Purchased Expense	592,434	100.000	592,434	DALL
23		Total Other Gas Supply Expense	<u>35,567,678</u>		<u>35,567,678</u>	
24						
25		Transmission Expense				
26		Operation				
27	850001	Supervision and Engineering	1,831	100.000	1,831	DALL
28	859000	Other Expenses-Trans	14,197	100.000	14,197	DALL
29		Total Operation	<u>16,028</u>		<u>16,028</u>	
30						
31		Maintenance				
32	863000	Supervision and Engineering	404,697	100.000	404,697	DALL
33		Total Maintenance	<u>404,697</u>		<u>404,697</u>	
34		Total Transmission Expense	<u>420,725</u>		<u>420,725</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS - JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
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SCHEDULE C-2.1
PAGE 4 OF 16
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		Distribution Expenses				
2						
3		Operation				
4	871000	Load Dispatching	252,336	100.000	252,336	DALL
5	874000	Mains and Services	1,653,213	100.000	1,653,213	DALL
6	875000	Measuring and Reg. Stations - General	167,795	100.000	167,795	DALL
7	876000	Measuring and Reg. Stations - Industrial	3,142	100.000	3,142	DALL
8	878000	Meters and House Regulators	913,113	100.000	913,113	DALL
9	879000	Customer Installations	1,260,584	100.000	1,260,584	DALL
10	880000	Other Expenses	1,880,048	100.000	1,880,048	DALL
11		Total Operation	<u>6,130,231</u>		<u>6,130,231</u>	
12						
13						
14		Maintenance				
15	887000	Mains	1,091,465	100.000	1,091,465	DALL
16	889000	Measuring and Regulating Stations - General	61,752	100.000	61,752	DALL
17	892000	Services	505,702	100.000	505,702	DALL
18	893000	Meters	138,367	100.000	138,367	DALL
19	894000	Other	103,566	100.000	103,566	DALL
20		Total Maintenance	<u>1,900,852</u>		<u>1,900,852</u>	
21		Total Distribution Expenses	<u>8,031,083</u>		<u>8,031,083</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS - JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S)::

SCHEDULE C-2.1
PAGE 5 OF 16
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		Customer Accounts Expense				
2						
3		Operation				
4	901	Supervision & Engineering	184,509	100.000	184,509	DALL
5	902	Meter Reading Expense	10,243	100.000	10,243	DALL
6	903	Customer Records & Collections	2,738,477	100.000	2,738,477	DALL
7	904	Uncollectible Accounts	(228,241)	100.000	(228,241)	DALL
8	426	Sale of A/R	915,665	100.000	915,665	DALL
9	905000	Cust Relations Billg & Coll-Gas	71	100.000	71	DALL
10		Total Customer Accounts Expense	<u>3,620,724</u>		<u>3,620,724</u>	
11						
12		Customer Services & Information Expense				
13						
14		Operation				
15	908	Customer Assistance	137,119	Alloc Sch F-3	137,119	DALL
16	909650	Information and Instructional Advertising	2,005	Alloc Sch F-3	2,005	DALL
17	910	Misc Cust Serv and Info - Gas	<u>206,223</u>	Alloc Sch F-3	<u>206,223</u>	DALL
18		Total Customer Services & Information Expense	<u>345,347</u>		<u>345,347</u>	
19						
20						
21		Sales Expense				
22						
23		Operation				
24	912000	Demonstrating & Selling	364,521	Alloc Sch F-3	364,521	DALL
25	913001	Advertising Expense	<u>2,355</u>	Alloc Sch F-3	<u>2,355</u>	DALL
26		Total Sales Expense	<u>366,876</u>		<u>366,876</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS - JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE C-2.1
PAGE 6 OF 16
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		Administrative & General Expense				
2						
3		Operation				
4	920000	Administrative & General Salaries	2,647,642	100.000	2,647,642	DALL
5	921	Office Supplies & Expenses	1,540,942	100.000	1,540,942	DALL
6	923	Outside Services Employed	1,770,106	100.000	1,770,106	DALL
7	924	Property Insurance	63,691	100.000	63,691	DALL
8	925	Injuries & Damages	129,776	100.000	129,776	DALL
9	926	Employee Pension & Benefits	1,723,373	100.000	1,723,373	DALL
10	928	State Req. Commission Expense	240,793	100.000	240,793	DALL
11	929	Duplicate Charges-Credit	(205,860)	100.000	(205,860)	DALL
12	930150	Miscellaneous Advertising Exp	32,161	100.000	32,161	DALL
13	930200	Misc General Expenses	205,133	100.000	205,133	DALL
14	930220	Exp Of Servicing Securities	86	100.000	86	DALL
15	930230	Dues To Various Organizations	23,875	100.000	23,875	DALL
16	930240	Director's Expenses	19,175	100.000	19,175	DALL
17	930250	Buy/Sell Transf Employee Homes	495	100.000	495	DALL
18	930700	Research & Development	60	100.000	60	DALL
19	930940	General Expenses	1,267	100.000	1,267	DALL
20	931	Rents	372,585	100.000	372,585	DALL
21		Total Operation	<u>8,565,300</u>		<u>8,565,300</u>	
22						
23		Maintenance				
24	935000	Maintenance of General Plant	2,454	100.000	2,454	DALL
25		Total Administrative & General	<u>8,567,754</u>		<u>8,567,754</u>	
26		Total Operating Expense	<u>57,469,909</u>		<u>57,469,909</u>	
27						
28		Other Expense				
29		Operation				
30	407	Amortization Expense	<u>1,897,323</u>	100.000	<u>1,897,323</u>	DALL
31						
32		Depreciation Expense				
33	403	Depreciation Expense	16,108,462	100.000	16,108,462	DALL
34	404	Amortization Expense	<u>3,267,868</u>	100.000	<u>3,267,868</u>	DALL
35		Total Depreciation Expense	<u>19,376,330</u>		<u>19,376,330</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS - JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S)::

SCHEDULE C-2.1
PAGE 7 OF 16
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		TAXES OTHER THAN INCOME TAXES				
2						
3		Other Federal Taxes				
4	408152	Insurance Contribution	156,107	100.000	156,107	DALL
5	408151	Unemployment Compensation	1,309	100.000	1,309	DALL
6		Total Other Federal	<u>157,416</u>		<u>157,416</u>	
7						
8		State and Other Taxes				
9	408150	Unemployment Compensation	4,855	100.000	4,855	DALL
10	408121	Property Tax	3,609,113	100.000	3,609,113	DALL
11	408470	Franchise Tax	3,625	100.000	3,625	DALL
12	408851	Sales and Use Tax	(14,874)	100.000	(14,874)	DALL
13	48960	Allocated Payroll Taxes	503,654	100.000	503,654	DALL
14		Total State & Other	<u>4,106,373</u>		<u>4,106,373</u>	
15						
16		Total Taxes Other Than				
17		Income Taxes	<u>4,263,789</u>		<u>4,263,789</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
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SCHEDULE C-2.1
PAGE 8 OF 16
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		State Income Tax Expense				
2	409160	Normal and Surtax	(303,448)	COMPUTED	(303,448)	
3		State Income Tax - Current	(303,448)		(303,448)	
4						
5	410101	Deferred State Income Taxes	1,132,283	100.000	1,132,283	DALL
6	411101	Deferred State Income Taxes - ARAM	(46,178)	100.000	(46,178)	DALL
7	411113	Deferred State Income Taxes - Excess DIT	(74,589)	100.000	(74,589)	DALL
8		Total State Income Taxes	708,068		708,068	
9						
10						
11		Federal Income Tax Expense				
12	409060	Normal and Surtax	1,959,102	COMPUTED	1,959,102	
13		Federal Income Tax - Current	1,959,102		1,959,102	
14						
15	410060	Deferred Federal Income Taxes	1,370,020	100.000	1,370,020	DALL
16	411060	Deferred Federal Income Taxes - ARAM	(59,471)	100.000	(59,471)	DALL
17	411102	Deferred Federal Income Taxes - Other	91,381	100.000	91,381	DALL
18	411115	Deferred Federal Income Taxes - Excess DIT	(864,745)	100.000	(864,745)	DALL
19						
20	411065	Amortization of Investment Tax Credit	(75,934)	100.000	(75,934)	DALL
21						
22		Total Federal Income Taxes	2,420,353		2,420,353	
23		Total Operating Expenses & Taxes	86,135,772		86,135,772	
24		Net Operating Income	20,789,872		20,789,872	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

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SCHEDULE C-2.1
PAGE 9 OF 16
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		REVENUE				
2						
3		Retail Revenue				
4	480000	Residential Sales Gas	75,044,998	100.000	75,044,998	DALL
5	480990	Residential Unbilled Gas	(774,382)	100.000	(774,382)	DALL
6	481200	Commercial Sales Gas	25,234,664	100.000	25,234,664	DALL
7	481290	Commercial Unbilled Gas	(184,938)	100.000	(184,938)	DALL
8	481000	Industrial Sales Gas	2,105,702	100.000	2,105,702	DALL
9	481090	Industrial Unbilled Gas	(82,139)	100.000	(82,139)	DALL
10	482200	Public Str/Hqwy Lighting Gas	1,040	100.000	1,040	DALL
11	482000	Other Sales To Pub Authority Gas	2,458,046	100.000	2,458,046	DALL
12	482090	Other Sales To Pub Auth Unbill	(71,458)	100.000	(71,458)	DALL
13	484000	Interdepartmental Sales	28,527	100.000	28,527	DALL
14		Total Retail Revenue	<u>103,760,060</u>		<u>103,760,060</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS - JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
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SCHEDULE C-2.1
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WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		Other Revenues				
2	487001	Late Payment Charges	0	100.000	0	DALL
3	488000	Miscellaneous Service Revenue	51,996	100.000	51,996	DALL
4	488100	Miscellaneous Service Rev - I/C	847,692	100.000	847,692	DALL
5	489000	Rev Transp Gas of Others	1,782,711	100.000	1,782,711	DALL
6	489010	Rev Transp Gas of Others - Inter Co.	603,504	100.000	603,504	DALL
7	489020	Com Gas Transp Only	1,379,384	100.000	1,379,384	DALL
8	489025	Com Gas Transp Unbilled	37,476	100.000	37,476	DALL
9	489030	Ind Gas Transp Only	3,485,484	100.000	3,485,484	DALL
10	489035	Ind Gas Transp Unbilled	10,497	100.000	10,497	DALL
11	489040	OPA Gas Transp Only	396,332	100.000	396,332	DALL
12	489045	OPA Gas Transp Unbilled	15,278	100.000	15,278	DALL
13	495031	Gas Losses Damaged Lines	0	100.000	0	DALL
14	496020	Provision for Rate Refunds	0	100.000	0	DALL
15		Total Other Revenues	<u>8,610,354</u>		<u>8,610,354</u>	
16						
17		Total Revenue	<u>112,370,414</u>		<u>112,370,414</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS - JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
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SCHEDULE C-2.1
PAGE 11 OF 16
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		OPERATING EXPENSES				
2		Production Expense				
3		Manufactured Gas Expense				
4		Operation				
5	711000	Steam Expenses	0	100.000	0	DALL
6	712000	Other Power Expenses	0	100.000	0	DALL
7	717000	Liquefied Petroleum Expense	336,370	100.000	336,370	DALL
8	728000	Liquefied Petroleum Gas	0	100.000	0	DALL
9	735000	Miscellaneous Production Expense	295,297	100.000	295,297	DALL
10		Total Operation	<u>631,667</u>		<u>631,667</u>	
11						
12		Maintenance				
13	742000	Maintenance of Production Expense	123,260	100.000	123,260	DALL
14		Total Maintenance	<u>123,260</u>		<u>123,260</u>	
15		Total Production Expense	<u>754,927</u>		<u>754,927</u>	
16						
17		Other Gas Supply Expense				
18		Purchased Gas Expense				
19	801	Purchases Gas & NGL	40,470,323	100.000	40,470,323	DALL
20	805002	Unrecovered Purchase Gas Cost Adj.	0	100.000	0	DALL
21	805003	Purchased Gas Costs - Unbilled	(716,846)	100.000	(716,846)	DALL
22	807	Gas Purchased Expense	565,774	100.000	565,774	DALL
23		Total Other Gas Supply Expense	<u>40,319,251</u>		<u>40,319,251</u>	
24						
25		Transmission Expense				
26		Operation				
27	850001	Supervision and Engineering	0	100.000	0	DALL
28	859000	Other Expenses-Trans	16,066	100.000	16,066	DALL
29		Total Operation	<u>16,066</u>		<u>16,066</u>	
30						
31		Maintenance				
32	863000	Supervision and Engineering	519,821	100.000	519,821	DALL
33		Total Maintenance	<u>519,821</u>		<u>519,821</u>	
34		Total Transmission Expense	<u>535,887</u>		<u>535,887</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS - JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
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SCHEDULE C-2.1
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WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		Distribution Expenses				
2						
3		Operation				
4	871000	Load Dispatching	258,339	100.000	258,339	DALL
5	874000	Mains and Services	1,332,086	100.000	1,332,086	DALL
6	875000	Measuring and Reg. Stations - General	175,613	100.000	175,613	DALL
7	876000	Measuring and Reg. Stations - Industrial	(10,975)	100.000	(10,975)	DALL
8	878000	Meters and House Regulators	620,320	100.000	620,320	DALL
9	879000	Customer Installations	1,294,237	100.000	1,294,237	DALL
10	880000	Other Expenses	2,896,126	100.000	2,896,126	DALL
11		Total Operation	<u>6,565,746</u>		<u>6,565,746</u>	
12						
13						
14		Maintenance				
15	887000	Mains	1,128,603	100.000	1,128,603	DALL
16	889000	Measuring and Regulating Stations - General	34,344	100.000	34,344	DALL
17	892000	Services	647,372	100.000	647,372	DALL
18	893000	Meters	17,493	100.000	17,493	DALL
19	894000	Other	(24,928)	100.000	(24,928)	DALL
20		Total Maintenance	<u>1,802,884</u>		<u>1,802,884</u>	
21		Total Distribution Expenses	<u>8,368,630</u>		<u>8,368,630</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS - JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

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SCHEDULE C-2.1
PAGE 13 OF 16
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		Customer Accounts Expense				
2						
3		Operation				
4	901000	Supervision & Engineering	187,499	100.000	187,499	DALL
5	902000	Meter Reading Expense	950	100.000	950	DALL
6	903	Customer Records & Collections	4,250,853	100.000	4,250,853	DALL
7	904	Uncollectible Accounts	0	100.000	0	DALL
8	426	Sale of A/R	1,171,882	100.000	1,171,882	DALL
9	905000	Cust Relations Billg & Coll-Gas	0	100.000	0	DALL
10		Total Customer Accounts Expense	<u>5,611,184</u>		<u>5,611,184</u>	
11						
12		Customer Services & Information Expense				
13						
14		Operation				
15	908	Customer Assistance	157,218	Alloc Sch F-3	157,218	DALL
16	909	Information and Instructional Advertising	0	Alloc Sch F-3	0	DALL
17	910	Misc Cust Serv and Info - Gas	<u>231,972</u>	Alloc Sch F-3	<u>231,972</u>	DALL
18		Total Customer Services & Information Expense	<u>389,190</u>		<u>389,190</u>	
19						
20		Sales Expense				
21						
22		Operation				
23						
24	912000	Demonstrating & Selling	413,912	Alloc Sch F-3	413,912	DALL
25	913001	Advertising Expense	0	Alloc Sch F-3	0	DALL
26		Total Sales Expense	<u>413,912</u>		<u>413,912</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS - JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

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PAGE 14 OF 16
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		Administrative & General Expense				
2						
3		Operation				
4	920000	Administrative & General Salaries	2,275,027	100.000	2,275,027	DALL
5	921	Office Supplies & Expenses	1,645,347	100.000	1,645,347	DALL
6	923	Outside Services Employed	512,384	100.000	512,384	DALL
7	924	Property Insurance	67,200	100.000	67,200	DALL
8	925	Injuries & Damages	140,600	100.000	140,600	DALL
9	926	Employee Pension & Benefits	2,063,396	100.000	2,063,396	DALL
10	928	State Req. Commission Expense	237,636	100.000	237,636	DALL
11	929	Duplicate Charges-Credit	(151,080)	100.000	(151,080)	DALL
12	930150	Miscellaneous Advertising Exp	34,032	100.000	34,032	DALL
13	930200	Misc General Expenses	120,441	100.000	120,441	DALL
14	930220	Exp Of Servicing Securities	0	100.000	0	DALL
15	930230	Dues To Various Organizations	13,176	100.000	13,176	DALL
16	930240	Director's Expenses	19,836	100.000	19,836	DALL
17	930250	Buy/Sell Transf Employee Homes	468	100.000	468	DALL
18	930700	Research & Development	0	100.000	0	DALL
19	930940	General Expenses	624	100.000	624	DALL
20	931	Rents	384,252	100.000	384,252	DALL
21		Total Operation	<u>7,363,339</u>		<u>7,363,339</u>	
22						
23		Maintenance				
24	935000	Maintenance of General Plant	1,260	100.000	1,260	DALL
25		Total Administrative & General	<u>7,364,599</u>		<u>7,364,599</u>	
26		Total Operating Expense	<u>63,757,580</u>		<u>63,757,580</u>	
27						
28		Other Expense				
29		Operation				
30	407	Amortization Expense	407,760	100.000	407,760	DALL
31						
32		Depreciation Expense				
33	403	Depreciation Expense	18,225,075	100.000	18,225,075	DALL
34	404	Amortization Expense	1,816,287	100.000	1,816,287	DALL
35		Total Depreciation Expense	<u>20,041,362</u>		<u>20,041,362</u>	

DUKE ENERGY KENTUCKY, INC.
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PAGE 15 OF 16
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J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		TAXES OTHER THAN INCOME TAXES				
2						
3		Other Federal Taxes				
4	408152	Insurance Contribution	0	100.000	0	DALL
5	408151	Unemployment Compensation	0	100.000	0	DALL
6		Total Other Federal	<u>0</u>		<u>0</u>	
7						
8		State and Other Taxes				
9	408150	Unemployment Compensation	0	100.000	0	DALL
10	408121	Property Tax	4,307,700	100.000	4,307,700	DALL
11	408470	Franchise Tax	0	100.000	0	DALL
12	408851	Sales and Use Tax	0	100.000	0	DALL
13	408960	Allocated Payroll Taxes	620,302	100.000	620,302	DALL
14		Total State & Other	<u>4,928,002</u>		<u>4,928,002</u>	
15						
16		Total Taxes Other Than				
17		Income Taxes	<u>4,928,002</u>		<u>4,928,002</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
OPERATING REVENUES AND EXPENSES BY ACCOUNTS - JURISDICTIONAL
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PAGE 16 OF 16
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J. P. BROWN

LINE NO.	ACCOUNT NO.	ACCOUNT TITLE	UNADJUSTED TOTAL GAS (1)	JURISDICTIONAL % (2)	UNADJUSTED JURISDICTION (3)	JURISDICTIONAL METHOD / DESCRIPTION (4)
1		State Income Taxes				
2	409160	Normal and Surtax	(21,854)	COMPUTED	(21,854)	
3		State Income Tax - Current	(21,854)		(21,854)	
4						
5	410101	Deferred State Income Taxes	775,543	100.000	775,543	DALL
6	411101	Deferred State Income Taxes - ARAM	0	100.000	0	DALL
7	411113	Deferred State Income Taxes - Excess DIT	(74,589)	100.000	(74,589)	DALL
8		Total State Income Taxes	679,100	300	679,100	
9						
10						
11		Federal Income Tax Expense				
12	409060	Normal and Surtax	1,335,391	COMPUTED	1,335,391	
13		Federal Income Tax - Current	1,335,391		1,335,391	
14						
15	410060	Deferred Federal Income Taxes	1,691,899	100.000	1,691,899	DALL
16	411060	Deferred Federal Income Taxes - ARAM	(72,079)	100.000	(72,079)	DALL
17	411102	Deferred Federal Income Taxes - Other	15,664	100.000	15,664	DALL
18	411115	Deferred Federal Income Taxes - Excess DIT	(630,436)	100.000	(630,436)	DALL
19						
20	411065	Amortization of Investment Tax Credit	(60,747)	100.000	(60,747)	DALL
21						
22		Total Federal Income Taxes	2,279,692		2,279,692	
23		Total Operating Expenses & Taxes	92,093,496		92,093,496	
24		Net Operating Income	20,276,918		20,276,918	

Before

KENTUCKY PUBLIC SERVICE COMMISSION

GAS CASE NO. 2021-00190

IN THE MATTER OF THE APPLICATION
OF DUKE ENERGY KENTUCKY
FOR AUTHORITY TO INCREASE
ITS RATES FOR GAS SERVICE TO ALL
JURISDICTIONAL CONSUMERS

SECTION D

SECTION D
OPERATING INCOME ADJUSTMENTS
DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended August 31, 2021

Forecasted Period: Twelve Months Ended December 31, 2022

Schedules

D-1	Summary of Utility Jurisdictional Adjustments
D-2.1	Adjust Revenue
D-2.2	Adjust Purchased Gas Cost
D-2.3	Adjust Other Production Expense
D-2.4	Adjust Other Gas Supply Expense
D-2.5	Adjust Transmission Expense
D-2.6	Adjust Distribution Expense
D-2.7	Adjust Customer Account Expense
D-2.8	Adjust Customer Service and Information Expense
D-2.9	Adjust Sales Expense
D-2.10	Adjust A&G Expense
D-2.11	Adjust Other Operating Expense
D-2.12	Adjust Depreciation Expense
D-2.13	Adjust Other Tax Expense
D-2.14	Adjust Income Tax Expense
D-2.15	Adjust Uncollectible Expense
D-2.16	Rate Case Expense
D-2.17	Reserved for Future Use
D-2.18	Interest Expense
D-2.19	Eliminate Non-Kentucky Customer
D-2.20	Reserved for Future Use
D-2.21	Reserved for Future Use
D-2.22	Eliminate Miscellaneous Expenses
D-2.23	Annualize Depreciation Expense
D-2.24	Eliminate Unbilled Revenue & Gas Costs
D-2.25	Adjust Revenue
D-2.26	Incentive Compensation
D-3	Summary of Jurisdictional Factors
D-4	Jurisdictional Statistics
D-5	Explanation of Changes in Jurisdictional Procedures

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
SUMMARY OF UTILITY JURISDICTIONAL ADJUSTMENTS TO
OPERATING INCOME BY MAJOR ACCOUNTS
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SEE BELOW

SCHEDULE D-1
PAGE 1 OF 7
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ELEMENT of OPERATING INCOME SCHEDULE REFERENCE	TOTAL SCHEDULE D-1	TOTAL ADJ. TO BASE PERIOD SCH D-1, PG. 2	TOTAL PRO FORMA ADJ. TO FORECASTED PERIOD SCH D-1, PG. 5
1	Operating Revenue			
2	Base	527,396	709,972	(182,576)
3	Gas Cost	4,961,490	4,244,373	717,117
4	Other Revenue	(960,771)	490,425	(1,451,196)
5	Total Revenue	<u>4,528,115</u>	<u>5,444,770</u>	<u>(916,655)</u>
6				
7	Operating Expenses			
8	Operation and Maint. Expenses			
9	Production Expenses			
10	Liquefied Petroleum Gas	292,613	292,613	0
11	Other	(133,393)	(87,408)	(45,985)
12	Total Production Expense	<u>159,220</u>	<u>205,205</u>	<u>(45,985)</u>
13				
14	Other Gas Supply Expenses			
15	Purchased Gas	5,495,358	4,778,233	717,125
16	Other	(26,660)	(26,660)	0
17	Total Other Gas Supply Expenses	<u>5,468,698</u>	<u>4,751,573</u>	<u>717,125</u>
18	Transmission Expense	115,127	115,162	(35)
19	Distribution Expense	282,798	337,547	(54,749)
20	Customer Accounts Expense	734,068	1,990,460	(1,256,392)
21	Customer Serv & Info Expense	43,663	43,843	(180)
22	Sales Expense	32,684	47,036	(14,352)
23	Admin & General Expense	(1,917,903)	(1,203,155)	(714,748)
24	Other	(1,489,563)	(1,489,563)	0
25	Total Oper and Maint Expenses	<u>3,428,792</u>	<u>4,798,108</u>	<u>(1,369,316)</u>
26				
27	Depreciation Expense	(372,095)	665,032	(1,037,127)
28				
29	Taxes Other Than Income Taxes			
30	Other Federal Taxes	(157,416)	(157,416)	0
31	State and Other Taxes	579,967	821,629	(241,662)
32	Total Taxes Other Than Income Tax	<u>422,551</u>	<u>664,213</u>	<u>(241,662)</u>
33				
34	State Income Taxes			
35	Normal and Surtax	420,518	281,594	138,924
36	Deferred Inc Tax - Net	(378,832)	(310,562)	(68,270)
37	Total State Income Tax Expense	<u>41,686</u>	<u>(28,968)</u>	<u>70,654</u>
38				
39	Federal Income Taxes			
40	Normal and Surtax	(65,705)	(623,711)	558,006
41	Deferred Inc Tax - Net	193,757	467,863	(274,106)
42	Amortization of Investment Tax Credit	15,187	15,187	0
43	Total Federal Income Tax Expense	<u>143,239</u>	<u>(140,661)</u>	<u>283,900</u>
44				
45	Total Oper. Expenses and Tax	<u>3,664,173</u>	<u>5,957,724</u>	<u>(2,293,551)</u>
46				
47	Net Operating Income	<u>863,942</u>	<u>(512,954)</u>	<u>1,376,896</u>

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
SUMMARY OF UTILITY JURISDICTIONAL ADJUSTMENTS TO
OPERATING INCOME BY MAJOR ACCOUNTS
ADJUSTMENTS TO THE BASE PERIOD
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
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SCHEDULE D-1
PAGE 2 OF 7
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ELEMENT of OPERATING INCOME	TOTAL ADJ. TO BASE PERIOD SCHEDULE REFERENCE	ADJUST REVENUE D-2.1	ADJUST PURCHASED GAS COST D-2.2	ADJUST OTHER PROD. EXP. D-2.3	ADJUST OTHER GAS SUPPLY EXP. D-2.4	ADJUST TRANSMISSION EXPENSE D-2.5
1	Operating Revenue						
2	Base	709,972	709,972				
3	Gas Cost	4,244,373	4,244,373				
4	Other Revenue	490,425	490,425				
5	Total Revenue	5,444,770	5,444,770	0	0	0	0
6							
7	Operating Expenses						
8	Operation and Maint. Expenses						
9	Production Expenses						
10	Liquefied Petroleum Gas	292,613		292,613			
11	Other	(87,408)			(87,408)		
12	Total Production Expense	205,205	0	292,613	(87,408)	0	0
13							
14	Other Gas Supply Expenses						
15	Purchased Gas	4,778,233		4,778,233			
16	Other	(26,660)				(26,660)	
17	Total Other Gas Supply Expenses	4,751,573	0	4,778,233	0	(26,660)	0
18	Transmission Expense	115,162					115,162
19	Distribution Expense	337,547					
20	Customer Accounts Expense	1,990,460					
21	Customer Serv & Info Expense	43,843					
22	Sales Expense	47,036					
23	Admin. & General Expense	(1,203,155)					
24	Other	(1,489,563)					
25	Total Oper and Maint Expenses	4,798,108	0	5,070,846	(87,408)	(26,660)	115,162
26							
27	Depreciation Expense	665,032	0	0	0	0	0
28							
29	Taxes Other Than Income Taxes						
30	Other Federal Taxes	(157,416)					
31	State and Other Taxes	821,629					
32	Total Taxes Other Than Income Tax	664,213	0	0	0	0	0
33							
34	State Income Taxes						
35	Normal and Surtax	281,594	270,523	(251,945)	4,343	1,325	(5,722)
36	Deferred Inc Tax - Net	(310,562)					
37	Total State Income Tax Expense	(28,968)	270,523	(251,945)	4,343	1,325	(5,722)
38							
39	Federal Income Taxes						
40	Normal and Surtax	(623,711)	1,086,592	(1,011,969)	17,444	5,320	(22,982)
41	Deferred Inc Tax - Net	467,863					
42	Amortization of Investment Tax Credit	15,187					
43	Total Federal Income Tax Expense	(140,661)	1,086,592	(1,011,969)	17,444	5,320	(22,982)
44							
45	Total Oper. Expenses and Tax	5,957,724	1,357,115	3,806,932	(65,621)	(20,015)	86,458
46							
47	Net Operating Income	(512,954)	4,087,655	(3,806,932)	65,621	20,015	(86,458)

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
SUMMARY OF UTILITY JURISDICTIONAL ADJUSTMENTS TO
OPERATING INCOME BY MAJOR ACCOUNTS
ADJUSTMENTS TO THE BASE PERIOD
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
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SCHEDULE D-1
PAGE 3 OF 7
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ELEMENT of OPERATING INCOME	ADJUST DISTRIBUTION EXPENSE	ADJUST CUSTOMER ACCOUNTS EXP.	ADJUST CUST. SERV. & INFO. EXP.	ADJUST SALES EXPENSE	ADJUST A&G EXPENSE	ADJUST OTHER OPER. EXPENSE
	SCHEDULE REFERENCE	D-2.6	D-2.7	D-2.8	D-2.9	D-2.10	D-2.11
1	Operating Revenue						
2	Base						
3	Gas Cost						
4	Other Revenue						
5	Total Revenue	0	0	0	0	0	0
6							
7	Operating Expenses						
8	Operation and Maint. Expenses						
9	Production Expenses						
10	Liquefied Petroleum Gas						
11	Other						
12	Total Production Expense	0	0	0	0	0	0
13							
14	Other Gas Supply Expenses						
15	Purchased Gas						
16	Other						
17	Total Other Gas Supply Expenses	0	0	0	0	0	0
18	Transmission Expense						
19	Distribution Expense	337,547					
20	Customer Accounts Expense		1,990,460				
21	Customer Serv & Info Expense			43,843			
22	Sales Expense				47,036		
23	Admin & General Expense					(1,203,155)	
24	Other						(1,489,563)
25	Total Oper and Maint Expenses	337,547	1,990,460	43,843	47,036	(1,203,155)	(1,489,563)
26							
27	Depreciation Expense						
28							
29	Taxes Other Than Income Taxes						
30	Other Federal Taxes						
31	State and Other Taxes						
32	Total Taxes Other Than Income Tax	0	0	0	0	0	0
33							
34	State Income Taxes						
35	Normal and Surtax	(16,771)	(98,896)	(2,178)	(2,337)	59,779	74,009
36	Deferred Inc Tax - Net						
37	Total State Income Tax Expense	(16,771)	(98,896)	(2,178)	(2,337)	59,779	74,009
38							
39	Federal Income Taxes						
40	Normal and Surtax	(67,363)	(397,228)	(8,750)	(9,387)	240,109	297,266
41	Deferred Inc Tax - Net						
42	Amortization of Investment Tax Credit						
43	Total Federal Income Tax Expense	(67,363)	(397,228)	(8,750)	(9,387)	240,109	297,266
44							
45	Total Oper. Expenses and Tax	253,413	1,494,336	32,915	35,312	(903,267)	(1,118,288)
46							
47	Net Operating Income	(253,413)	(1,494,336)	(32,915)	(35,312)	903,267	1,118,288

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
SUMMARY OF UTILITY JURISDICTIONAL ADJUSTMENTS TO
OPERATING INCOME BY MAJOR ACCOUNTS
ADJUSTMENTS TO THE BASE PERIOD
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
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SCHEDULE D-1
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WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ELEMENT of OPERATING INCOME SCHEDULE REFERENCE	ADJUST	ADJUST	ADJUST
		DEPRECIATION EXPENSE D-2.12	OTHER TAX EXP. D-2.13	INCOME TAXES D-2.14
1	Operating Revenue			
2	Base			
3	Gas Cost			
4	Other Revenue			
5	Total Revenue	0	0	0
6				
7	Operating Expenses			
8	Operation and Maint. Expenses			
9	Production Expenses			
10	Liquefied Petroleum Gas			
11	Other			
12	Total Production Expense	0	0	0
13				
14	Other Gas Supply Expenses			
15	Purchased Gas			
16	Other			
17	Total Other Gas Supply Expenses	0	0	0
18	Transmission Expense			
19	Distribution Expense			
20	Customer Accounts Expense			
21	Customer Serv & Info Expense			
22	Sales Expense			
23	Admin & General Expense			
24	Other			
25	Total Oper and Maint Expenses	0	0	0
26				
27	Depreciation Expense	665,032	0	0
28				
29	Taxes Other Than Income Taxes			
30	Other Federal Taxes		(157,416)	
31	State and Other Taxes		821,629	
32	Total Taxes Other Than Income Tax	0	664,213	0
33				
34	State Income Taxes			
35	Normal and Surtax	(33,042)	(33,001)	315,507
36	Deferred Inc Tax - Net			(310,562)
37	Total State Income Tax Expense	(33,042)	(33,001)	4,945
38				
39	Federal Income Taxes			
40	Normal and Surtax	(132,718)	(132,555)	(487,490)
41	Deferred Inc Tax - Net			467,863
42	Amortization of Investment Tax Credit			15,187
43	Total Federal Income Tax Expense	(132,718)	(132,555)	(4,440)
44				
45	Total Oper. Expenses and Tax	499,272	498,657	505
46				
47	Net Operating Income	(499,272)	(498,657)	(505)

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
SUMMARY OF UTILITY JURISDICTIONAL ADJUSTMENTS TO
OPERATING INCOME BY MAJOR ACCOUNTS
PRO FORMA ADJUSTMENTS TO THE FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
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SCHEDULE D-1
PAGE 5 OF 7
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ELEMENT of OPERATING INCOME	TOTAL PRO FORMA ADJUSTMENTS	ADJUST UNCOLLECTIBLE EXPENSE	RATE CASE EXPENSE	RESERVED	INTEREST EXPENSE	ELIM NON-KY CUST PORTION
	SCHEDULE REFERENCE	D-2.15 thru D-2.27	D-2.15	D-2.16	D-2.17	D-2.18	D-2.19
1	Operating Revenue						
2	Base	(182,576)					
3	Gas Cost	717,117					
4	Other Revenue	(1,451,196)					(1,451,196)
5	Total Revenue	(916,655)	0	0	0	0	(1,451,196)
6							
7	Operating Expenses						
8	Operation and Maint. Expenses						
9	Production Expenses						
10	Liquefied Petroleum Gas	0					
11	Other	(45,985)					(45,985)
12	Total Production Expense	(45,985)	0	0	0	0	(45,985)
13							
14	Other Gas Supply Expenses						
15	Purchased Gas	717,125					
16	Other	0					
17	Total Other Gas Supply Expenses	717,125	0	0	0	0	0
18	Transmission Expense	(35)					
19	Distribution Expense	(54,749)					(53,783)
20	Customer Accounts Expense	(1,256,392)	(1,227,152)				
21	Customer Serv & Info Expense	(180)					
22	Sales Expense	(14,352)					
23	Admin. & General Expense	(714,748)		70,692			
24	Other	0					
25	Total Oper and Maint Expenses	(1,369,316)	(1,227,152)	70,692	0	0	(99,768)
26							
27	Depreciation Expense	(1,037,127)	0	0	0	0	0
28							
29	Taxes Other Than Income Taxes						
30	Other Federal Taxes	0					
31	State and Other Taxes	(241,662)					(241,662)
32	Total Taxes Other Than Income Tax	(241,662)	0	0	0	0	(241,662)
33							
34	State Income Taxes						
35	Normal and Surtax	138,924	60,971	(3,512)	0	(15,374)	29,045
36	Deferred Inc Tax - Net	(68,270)					(84,184)
37	Total State Income Tax Expense	70,654	60,971	(3,512)	0	(15,374)	(55,139)
38							
39	Federal Income Taxes						
40	Normal and Surtax	558,006	244,898	(14,108)	0	(61,751)	116,664
41	Deferred Inc Tax - Net	(274,106)					(338,023)
42	Amortization of Investment Tax Credit	0					
43	Total Federal Income Tax Expense	283,900	244,898	(14,108)	0	(61,751)	(221,359)
44							
45	Total Oper. Expenses and Tax	(2,293,551)	(921,283)	53,072	0	(77,125)	(617,928)
46							
47	Net Operating Income	1,376,896	921,283	(53,072)	0	77,125	(833,268)

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
SUMMARY OF UTILITY JURISDICTIONAL ADJUSTMENTS TO
OPERATING INCOME BY MAJOR ACCOUNTS
PRO FORMA ADJUSTMENTS TO THE FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
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SCHEDULE D-1
PAGE 6 OF 7
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ELEMENT of OPERATING INCOME	RESERVED	RESERVED	ELIMINATE	ANNUALIZE	ELIMINATE	ADJUST
	SCHEDULE REFERENCE	D-2.20	D-2.21	MISCELLANEOUS	DEPRECIATION	UNBILLED REVENUE & GAS COSTS	REVENUE
				EXPENSES		D-2.24	D-2.25
1	Operating Revenue						
2	Base					332,823	(515,399)
3	Gas Cost					716,842	275
4	Other Revenue						0
5	Total Revenue	0	0	0	0	1,049,665	(515,124)
6							
7	Operating Expenses						
8	Operation and Maint. Expenses						
9	Production Expenses						
10	Liquefied Petroleum Gas						
11	Other						
12	Total Production Expense	0	0	0	0	0	0
13							
14	Other Gas Supply Expenses						
15	Purchased Gas					716,846	279
16	Other						
17	Total Other Gas Supply Expenses	0	0	0	0	716,846	279
18	Transmission Expense			(35)			
19	Distribution Expense			(966)			
20	Customer Accounts Expense			(29,240)			
21	Customer Serv & Info Expense			(180)			
22	Sales Expense			(14,352)			
23	Admin & General Expense			(202,083)			
24	Other						
25	Total Oper and Maint Expenses	0	0	(246,856)	0	716,846	279
26							
27	Depreciation Expense				(1,037,127)		
28							
29	Taxes Other Than Income Taxes						
30	Other Federal Taxes						
31	State and Other Taxes						
32	Total Taxes Other Than Income Tax	0	0	0	0	0	0
33							
34	State Income Taxes						
35	Normal and Surtax	0	0	12,265	0	52,153	(25,608)
36	Deferred Inc Tax - Net				51,530	(35,616)	
37	Total State Income Tax Expense	0	0	12,265	51,530	16,537	(25,608)
38							
39	Federal Income Taxes						
40	Normal and Surtax	0	0	49,264	0	209,478	(102,857)
41	Deferred Inc Tax - Net				206,975	(143,058)	
42	Amortization of Investment Tax Credit						
43	Total Federal Income Tax Expense	0	0	49,264	206,975	66,420	(102,857)
44							
45	Total Oper. Expenses and Tax	0	0	(185,327)	(778,622)	799,803	(128,186)
46							
47	Net Operating Income	0	0	185,327	778,622	249,862	(386,938)

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
SUMMARY OF UTILITY JURISDICTIONAL ADJUSTMENTS TO
OPERATING INCOME BY MAJOR ACCOUNTS
PRO FORMA ADJUSTMENTS TO THE FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SEE BELOW

SCHEDULE D-1
PAGE 7 OF 7
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ELEMENT of OPERATING INCOME	INCENTIVE COMPENSATION	RESERVED	RESERVED	RESERVED	RESERVED	RESERVED
	SCHEDULE REFERENCE	D-2.26	D-2.27	D-2.28	D-2.29	D-2.30	D-2.31
1	Operating Revenue						
2	Base						
3	Gas Cost						
4	Other Revenue						
5	Total Revenue	0	0	0	0	0	0
6							
7	Operating Expenses						
8	Operation and Maint. Expenses						
9	Production Expenses						
10	Liquefied Petroleum Gas						
11	Other						
12	Total Production Expense	0	0	0	0	0	0
13							
14	Other Gas Supply Expenses						
15	Purchased Gas						
16	Other						
17	Total Other Gas Supply Expenses	0	0	0	0	0	0
18	Transmission Expense						
19	Distribution Expense						
20	Customer Accounts Expense						
21	Customer Serv & Info Expense						
22	Sales Expense						
23	Admin & General Expense	(583,357)					0
24	Other						
25	Total Oper and Maint Expenses	(583,357)	0	0	0	0	0
26							
27	Depreciation Expense	0	0	0	0	0	0
28							
29	Taxes Other Than Income Taxes						
30	Other Federal Taxes						
31	State and Other Taxes	0					
32	Total Taxes Other Than Income Tax	0	0	0	0	0	0
33							
34	State Income Taxes						
35	Normal and Surtax	28,984	0	0	0	0	0
36	Deferred Inc Tax - Net						
37	Total State Income Tax Expense	28,984	0	0	0	0	0
38							
39	Federal Income Taxes						
40	Normal and Surtax	116,418	0	0	0	0	0
41	Deferred Inc Tax - Net						
42	Amortization of Investment Tax Credit						
43	Total Federal Income Tax Expense	116,418	0	0	0	0	0
44							
45	Total Oper. Expenses and Tax	(437,955)	0	0	0	0	0
46							
47	Net Operating Income	437,955	0	0	0	0	0

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD REVENUE TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.1a

SCHEDULE D-2.1
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To adjust base period revenue to the level of revenue in the forecasted period.	
Base Revenue	To Sch D-1 Summary <-- \$ 709,972
Gas Cost Revenue	To Sch D-1 Summary <-- 4,244,373
Other Revenue	To Sch D-1 Summary <-- <u>490,425</u>
Total Revenue Adjustment	\$ 5,444,770
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	<u>\$ 5,444,770</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD PURCHASED GAS COST TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.2a

SCHEDULE D-2.2
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
-------------------------	--------

PURPOSE AND DESCRIPTION: To adjust base period purchase gas costs to the level of costs in the forecasted period.

Liquefied Petroleum Gas	\$	292,613
Purchased Gas		<u>4,778,233</u>
Total Purchased Gas Cost Expenses	\$	5,070,846
Jurisdictional allocation percentage (A)		<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <---	<u>\$ 5,070,846</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD OTHER PRODUCTION EXPENSES TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE C-2

SCHEDULE D-2.3
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
-------------------------	--------

PURPOSE AND DESCRIPTION: To adjust base period other production expenses to the level of expenses in the forecasted period.

Forecasted Period	\$	418,557
Base Period		<u>505,965</u>
Adjustment to Other Production Expenses	\$	(87,408)
Jurisdictional allocation percentage (A)		<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <---	\$ <u>(87,408)</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD OTHER GAS SUPPLY EXPENSES TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE C-2

SCHEDULE D-2.4
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION

AMOUNT

PURPOSE AND DESCRIPTION: To adjust base period other gas supply expenses to the level of expenses in the forecasted period.

Forecasted Period		\$ 565,774
Base Period		<u>592,434</u>
Adjustment to Other Gas Supply Expenses		\$ (26,660)
Jurisdictional allocation percentage (A)		<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <---	\$ <u>(26,660)</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD TRANSMISSION EXPENSES TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE C-2

SCHEDULE D-2.5
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
-------------------------	--------

PURPOSE AND DESCRIPTION: To adjust base period transmission expenses to the level of expenses in the forecasted period.

Forecasted Period	\$	535,887
Base Period		<u>420,725</u>
Adjustment to Transmission Expenses	\$	115,162
Jurisdictional allocation percentage (A)		<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <---	\$ <u>115,162</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD DISTRIBUTION EXPENSES TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE C-2

SCHEDULE D-2.6
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
-------------------------	--------

PURPOSE AND DESCRIPTION: To adjust base period distribution expenses to the level of expenses in the forecasted period.

Forecasted Period	\$	8,368,630
Base Period		<u>8,031,083</u>
Adjustment to Distribution Expenses	\$	337,547
Jurisdictional allocation percentage (A)		<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <---	\$ <u>337,547</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD CUSTOMER ACCOUNTS EXPENSES TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE C-2

SCHEDULE D-2.7
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
-------------------------	--------

PURPOSE AND DESCRIPTION: To adjust base period customer accounts expenses to the level of expenses in the forecasted period.

Forecasted Period		\$ 5,611,184
Base Period		<u>3,620,724</u>
Adjustment to Customer Accounts Expenses		\$ 1,990,460
Jurisdictional allocation percentage (A)		<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <---	\$ <u>1,990,460</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD CUSTOMER SERVICE & INFORMATION EXPENSES TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):: SCHEDULE C-2

SCHEDULE D-2.8
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To adjust base period customer service & information expense to the level of expenses in the forecasted period.	
Forecasted Period	\$ 389,190
Base Period	<u>345,347</u>
Adjustment to Customer Service & Information Expenses	\$ 43,843
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <--- \$ <u>43,843</u>
(A) Allocation Code -	DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD SALES EXPENSES TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE C-2

SCHEDULE D-2.9
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To adjust base period sales expense to the level of expenses in the forecasted period.	
Forecasted Period	\$ 413,912
Base Period	<u>366,876</u>
Adjustment to Sales Expenses	\$ 47,036
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <--- <u>\$ 47,036</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD A&G EXPENSES TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE C-2

SCHEDULE D-2.10
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To adjust base period A&G expense to the level of expenses in the forecasted period.	
Forecasted Period	\$ 7,364,599
Base Period	<u>8,567,754</u>
Adjustment to A&G Expenses	\$ (1,203,155)
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <--- <u>\$ (1,203,155)</u>
(A) Allocation Code -	DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST OTHER OPERATING EXPENSE TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE C-2

SCHEDULE D-2.11
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To adjust base period other operating expense to the level in the forecasted period.	
Forecasted Period	\$ 407,760
Base Period	<u>1,897,323</u>
Adjustment to Other Operating Expense	\$ (1,489,563)
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <--- \$ <u>(1,489,563)</u>
(A) Allocation Code -	DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD DEPRECIATION EXPENSE TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE C-2

SCHEDULE D-2.12
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To adjust base period depreciation expense to the level of expenses in the forecasted period.	
Forecasted Period	\$ 20,041,362
Base Period	<u>19,376,330</u>
Adjustment to Depreciation Expense	\$ 665,032
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <--- <u>\$ 665,032</u>

(A) Allocation Code -

DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD OTHER TAX EXPENSE TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.13a

SCHEDULE D-2.13
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
-------------------------	--------

PURPOSE AND DESCRIPTION: To adjust base period other tax expense to the level of the forecasted period.

Other Federal Taxes		\$ (157,416)
State and Other Taxes		<u>821,629</u>
Total Taxes Other than Income Taxes		\$ 664,213
Jurisdictional allocation percentage (A)		<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <---	<u>\$ 664,213</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST BASE PERIOD INCOME TAX EXPENSE TO FORECASTED PERIOD
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.14a

SCHEDULE D-2.14
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To adjust base period income tax expense to the level of the forecasted period.	
State Income Taxes	
Current	\$ 315,507
Deferrals	(310,562)
Federal Income Taxes	
Current	\$ (487,490)
Deferrals	467,863
Amortization of ITC	15,187
Total Income Taxes	\$ 505
Jurisdictional allocation percentage (A)	100.000%
Jurisdictional amount	\$ 505
	To Sch D-1 Summary <---

(A) Allocation Code -

DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST UNCOLLECTIBLE EXPENSE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.15a, WPD-2.15b

SCHEDULE D-2.15
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION

AMOUNT

PURPOSE AND DESCRIPTION: To reflect the reclassification of the "time value of money" portion of the total discount expense from uncollectible expense to interest expense.

Time Value of Money Reclassification	\$	(1,395,476)
Uncollectible Expense Annualization		<u>168,324</u>
Total Uncollectible Expense Adjustment	\$	(1,227,152)
Jurisdictional allocation percentage (A)		<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <---	<u>\$ (1,227,152)</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
RATE CASE EXPENSE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE F-6, WPD-2.16a

SCHEDULE D-2.16
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION

AMOUNT

PURPOSE AND DESCRIPTION: To amortize the estimated cost of presenting this current case as reflected on Schedule F-6, over a five year period.

Total		\$ 70,692
Jurisdictional allocation percentage (A)		<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <---	\$ <u>70,692</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
RESERVED FOR FUTURE USE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE D-2.17
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: Reserved for future use.	
Total	\$ 0
Jurisdictional allocation percentage (A)	100.000%
Jurisdictional amount	To Sch D-1 Summary <--- <u>\$ 0</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
INTEREST EXPENSE DEDUCTIBLE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.18a

SCHEDULE D-2.18
PAGE 1 OF 2
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION

AMOUNT

PURPOSE AND DESCRIPTION: To reflect federal income taxes at 21% due to interest deductible for tax purposes being based on allocated interest costs based on Proforma interest charges as contained on Schedule J-1.

Total		\$ (61,751)
Jurisdictional allocation percentage (A)		<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <---	\$ <u>(61,751)</u>
(A) Allocation Code -	DALL	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
INTEREST EXPENSE DEDUCTIBLE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.18a

SCHEDULE D-2.18
PAGE 2 OF 2
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION

AMOUNT

PURPOSE AND DESCRIPTION: To reflect state income taxes at 5.00% due to interest deductible for tax purposes being based on allocated interest costs based on Proforma interest charges as contained on Schedule J-1.

Total \$ (15,374)

Jurisdictional allocation percentage (A) 100.000%

Jurisdictional amount To Sch D-1 Summary <--- \$ (15,374)

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ELIMINATE REVENUES RELATED TO FACILITIES DEVOTED
TO OTHER THAN DUKE ENERGY KENTUCKY CUSTOMERS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.19a through WPD-2.19f

SCHEDULE D-2.19
PAGE 1 OF 4
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION

AMOUNT

PURPOSE AND DESCRIPTION: To reflect the elimination of revenues related to facilities devoted to other than Duke Energy Kentucky customers.

Other Revenue		\$ (1,451,196)
Jurisdictional allocation percentage (A)		<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <----	<u>\$ (1,451,196)</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ELIMINATE O&M RELATED TO FACILITIES DEVOTED
TO OTHER THAN DUKE ENERGY KENTUCKY CUSTOMERS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.19a through WPD-2.19f

SCHEDULE D-2.19
PAGE 2 OF 4
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To reflect the elimination of O&M expenses and associated payroll overheads related to facilities devoted to other than Duke Energy Kentucky customers.	
Production Expenses	To Sch D-1 Summary <---- \$ (45,985)
Distribution Expenses	To Sch D-1 Summary <---- (53,783)
Total	<u>\$ (99,768)</u>
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	<u><u>\$ (99,768)</u></u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ELIMINATE PROPERTY TAX RELATED TO FACILITIES DEVOTED
TO OTHER THAN DUKE ENERGY KENTUCKY CUSTOMERS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.19a through WPD-2.19f

SCHEDULE D-2.19
PAGE 3 OF 4
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To reflect the elimination of Property Tax related to facilities devoted to other than Duke Energy Kentucky customers.	
State and Other Taxes	\$ (241,662)
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <---- <u>\$ (241,662)</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ELIMINATE DEFERRED TAXES RELATED TO FACILITIES DEVOTED
TO OTHER THAN DUKE ENERGY KENTUCKY CUSTOMERS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.19a through WPD-2.19f

SCHEDULE D-2.19
PAGE 4 OF 4
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To reflect the elimination of state and federal deferred taxes which are related to facilities devoted to other than Duke Energy Kentucky customers.	
State	
Deferrals:	
Liberalized Depreciation	\$ 84,184
To Sch D-1 Summary <----	<u>\$ 84,184</u>
Federal	
Deferrals:	
Liberalized Depreciation	\$ 338,023
To Sch D-1 Summary <----	<u>\$ 338,023</u>
Total Deferred Taxes	\$ 422,207
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	<u><u>\$ 422,207</u></u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
RESERVED FOR FUTURE USE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE D-2.20
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION	AMOUNT
<hr/>	
PURPOSE AND DESCRIPTION: Reserved for future use.	
Total	\$ 0
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <--- \$ <u>0</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
RESERVED FOR FUTURE USE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE D-2.21
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION

AMOUNT

PURPOSE AND DESCRIPTION: Reserved for future use.

Total \$ 0

Jurisdictional allocation percentage (A) 100.000%

Jurisdictional amount To Sch D-1 Summary <--- \$ 0

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ELIMINATE MISCELLANEOUS EXPENSES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISIED
WORK PAPER REFERENCE NO(S): WPD-2.22a

SCHEDULE D-2.22
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To eliminate miscellaneous expenses from the forecasted test period based on past Commission precedent.	
Transmission Expense	\$ (35)
Distribution Expense	(966)
Customer Accounts Expense	(29,240)
Customer Service & Information Expense	(180)
Sales Expense	(14,352)
A&G Expense	(202,083)
Total Miscellaneous Expense Adjustment	To Sch D-1 Summary <-- \$ (246,856)
Jurisdictional allocation percentage (A)	100.000%
Jurisdictional amount	\$ (246,856)

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ANNUALIZE DEPRECIATION EXPENSE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.23a

SCHEDULE D-2.23
PAGE 1 OF 1
WITNESS RESPONSIBLE:
D. G. RAIFORD

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To reflect the adjustment to annualized depreciation expense as calculated on Schedule B-3.2 based on 13 month average plant at December 31, 2022.	
Total	\$ (1,037,127)
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary ← <u>\$ (1,037,127)</u>
(A) Allocation Code -	DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ELIMINATE UNBILLED REVENUE AND GAS COSTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPC-2b, WPD-2.24a

SCHEDULE D-2.24
PAGE 1 OF 3
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To eliminate unbilled revenue and gas costs.	
Unbilled Base Revenue	\$ 332,823
Unbilled GCA Revenue	<u>716,842</u>
Total Unbilled Revenue	\$ 1,049,665
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <--- <u>\$ 1,049,665</u>
Unbilled Gas Costs	\$ 716,846
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <--- <u>\$ 716,846</u>

(A) Allocation Code -

DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ELIMINATE UNBILLED REVENUE AND GAS COSTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.24b

SCHEDULE D-2.24
PAGE 2 OF 3
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION

AMOUNT

PURPOSE AND DESCRIPTION: To reflect the adjustment to state deferred taxes as a result of the elimination of unbilled gas costs.

Deferred State Income Tax	\$ (35,616)
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <--- <u>\$ (35,616)</u>

(A) Allocation Code -

DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ELIMINATE UNBILLED REVENUE AND GAS COSTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.24b

SCHEDULE D-2.24
PAGE 3 OF 3
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION

AMOUNT

PURPOSE AND DESCRIPTION: To reflect the adjustment to federal deferred taxes as a result of the elimination of unbilled gas costs.

Deferred Federal Income Tax	\$ (143,058)
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <--- <u>\$ (143,058)</u>

(A) Allocation Code -

DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUST REVENUE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISD
WORK PAPER REFERENCE NO(S): Schedule M, WPD-2.25a

SCHEDULE D-2.25
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE and DESCRIPTION: To reconcile retail revenue calculated on Schedule M with revenue included in the forecast, and to synch gas cost expense and gas revenue.	
Base	\$ (515,399)
Gas Cost	275
Other Revenue	<u>-</u>
Total Revenue	\$ (515,124)
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary <--- \$ <u>(515,124)</u>
Purchased Gas Cost Expense	To Sch D-1 Summary <--- \$ <u>279</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
INCENTIVE COMPENSATION
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPD-2.26a - WPD-2.26c

SCHEDULE D-2.26
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

PURPOSE AND DESCRIPTION	AMOUNT
PURPOSE AND DESCRIPTION: To eliminate incentive compensation associated with earnings metrics and stock based compensation.	
Short Term Incentive	\$ (332,484)
Long Term Incentive	(103,927)
Restricted Stock Units	<u>(146,946)</u>
Total	\$ (583,357)
Jurisdictional allocation percentage (A)	<u>100.000%</u>
Jurisdictional amount	To Sch D-1 Summary ← <u>\$ (583,357)</u>

(A) Allocation Code - DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
SUMMARY OF JURISDICTIONAL FACTORS
OPERATING INCOME
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE D-3
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. E. ZIOLKOWSKI

LINE NO.	ACCOUNT NUMBER	ACCOUNT TITLE	ALLOCATION CODE	JURISDICTIONAL FACTOR %	DESCRIPTION OF FACTORS AND/OR METHOD OF ALLOCATION
-------------	-------------------	------------------	--------------------	----------------------------	--

Not Applicable - 100% Jurisdictional

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
JURISDICTIONAL STATISTICS
OPERATING INCOME
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S)::

SCHEDULE D-4
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. E. ZIOLKOWSKI

LINE NO.	ALLOCATION FACTOR	STATISTIC TOTAL COMPANY	STATISTIC FOR RATE AREA	ALLOCATION FACTOR %	WORK PAPER REFERENCE
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Not Applicable - 100% Jurisdictional

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
EXPLANATION OF CHANGES IN JURISDICTIONAL PROCEDURES
OPERATING INCOME
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE D-5
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. E. ZIOLKOWSKI

LINE NO.	ACCOUNT NUMBER	DESCRIPTION	PROCEDURE APPROVED IN PRIOR CASE	RATIONALE FOR CHANGE
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The procedures used are the same as those used in the Company's prior proceeding, Case No. 2018-00261.

Before

KENTUCKY PUBLIC SERVICE COMMISSION

GAS CASE NO. 2021-00190

IN THE MATTER OF THE APPLICATION
OF DUKE ENERGY KENTUCKY
FOR AUTHORITY TO INCREASE
ITS RATES FOR GAS SERVICE TO ALL
JURISDICTIONAL CONSUMERS

SECTION E

SECTION E

INCOME TAXES

DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended August 31, 2021

Forecasted Period: Twelve Months Ended December 31, 2022

Schedules

- E-1 Adjusted Jurisdictional Federal and State Income Taxes
- E-2 Development of Jurisdictional Federal and State Income Taxes

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUSTED JURISDICTIONAL FEDERAL AND STATE INCOME TAXES
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPE-1a, WPE-1b

SCHEDULE E-1
PAGE 1 OF 3
WITNESS RESPONSIBLE:
J. R. PANIZZA

LINE NO.	DESCRIPTION	AT CURRENT RATES				AT PROPOSED RATES		
		BASE PERIOD	ADJUSTMENTS	FORECASTED PERIOD	PRO FORMA ADJ. TO FORECAST	PRO FORMA FORECASTED PERIOD	ADJUSTMENTS	ADJUSTED
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	Operating Income before Federal							
2	and State Income Taxes	23,918,293	(682,583)	23,235,710	1,731,450	24,967,160	15,197,705	40,164,865
3								
4	Reconciling Items:							
5	Interest Charges	(7,471,100)	(829,857)	(8,300,957)	(309,425)	(8,610,382)	0	(8,610,382)
6	Net Interest Charges	(7,471,100)	(829,857)	(8,300,957)	(309,425)	(8,610,382)	0	(8,610,382)
7								
8	Permanent Differences	234,602	0	234,602		234,602		234,602
9								
10	Tax Depreciation	(29,152,934)	(1,049,442)	(30,202,376)	1,694,353	(28,508,023)	0	(28,508,023)
11	Book Depreciation	19,093,788	947,574	20,041,362	(1,037,127)	19,004,235	0	19,004,235
12	Excess of Tax over Book Depreciation	(10,059,146)	(101,868)	(10,161,014)	657,226	(9,503,788)	0	(9,503,788)
13								
14	Other Reconciling Items:							
15	Unbilled Revenue - Fuel	(757,708)	757,708	0	716,846	716,846	0	716,846
16	Other	3,160,667	(1,831,859)	1,328,808	0	1,328,808	0	1,328,808
17	Total Other Reconciling Items	2,402,959	(1,074,151)	1,328,808	716,846	2,045,654	0	2,045,654
18	Total Reconciling Items	(14,892,685)	(2,005,876)	(16,898,561)	1,064,647	(15,833,914)	0	(15,833,914)

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUSTED JURISDICTIONAL FEDERAL AND STATE INCOME TAXES
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPE-1a, WPE-1b

SCHEDULE E-1
PAGE 2 OF 3
WITNESS RESPONSIBLE:
J. R. PANIZZA

LINE NO.	DESCRIPTION	AT CURRENT RATES				AT PROPOSED RATES		
		BASE PERIOD	ADJUSTMENTS	FORECASTED PERIOD	PRO FORMA ADJ. TO FORECAST	PRO FORMA FORECASTED PERIOD	ADJUSTMENTS	ADJUSTED
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
		(\$)	(\$)	(\$)		(\$)	(\$)	
1	Operating Income before Federal							
2	and State Income Tax from Page 1	23,918,293	(682,583)	23,235,710	1,731,450	24,967,160	15,197,705	40,164,865
3								
4	Total Reconciling Items from Page 1	(14,892,685)	(2,005,876)	(16,898,561)	1,064,647	(15,833,914)	0	(15,833,914)
5								
6	Federal Taxable Income							
7	before State Income Tax to Page 3	9,025,608	(2,688,459)	6,337,149	2,796,097	9,133,246	15,197,705	24,330,951
8								
9	Kentucky Income Tax Adjustments:							
10	Kentucky Tax Inc. Adjustment - Misc	(15,133,049)	8,356,049	(6,777,000)	0	(6,777,000)	0	(6,777,000)
11	Total Kentucky Income Tax Adjustments	(15,133,049)	8,356,049	(6,777,000)	0	(6,777,000)	0	(6,777,000)
12								
13	Kentucky Taxable Income - Gas	(6,107,441)	5,667,590	(439,851)	2,796,097	2,356,246	15,197,705	17,553,951
14								
15	Percent of Business Taxable in State	99.3700%	99.3700%	99.3700%	99.3700%	99.3700%	99.3700%	99.3700%
16								
17	Kentucky Taxable Income - Other	0	0	0	0	0	0	0
18	Total Kentucky Taxable Income	(6,068,964)	5,631,884	(437,080)	2,778,482	2,341,402	15,101,959	17,443,361
19								
20	Kentucky Income Tax @ 5.000% (A)	(303,448)	281,594	(21,854)	138,924	117,070	755,098	872,168
21	Prior Year Adjustments	0	0	0	0	0	0	0
22	State Income Tax - Current to Page 3	(303,448)	281,594	(21,854)	138,924	117,070	755,098	872,168

(A) Calculation may be different due to rounding.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADJUSTED JURISDICTIONAL FEDERAL AND STATE INCOME TAXES
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPE-1a, WPE-1b

SCHEDULE E-1
PAGE 3 OF 3
WITNESS RESPONSIBLE:
J. R. PANIZZA

LINE NO.	DESCRIPTION	AT CURRENT RATES					AT PROPOSED RATES	
		BASE PERIOD	ADJUSTMENTS	FORECASTED PERIOD	PRO FORMA ADJ. TO FORECAST	PRO FORMA FORECASTED PERIOD	ADJUSTMENTS	ADJUSTED
		(1) (\$)	(2) (\$)	(3) (\$)	(4)	(5)	(6) (\$)	(7) (\$)
1	State Income Tax - Current from Page 2	(303,448)	281,594	(21,854)	138,924	117,070	755,098	872,168
2								
3	Deferred State Income Taxes	1,132,283	(356,740)	775,543	(68,270)	707,273	0	707,273
4	Deferred State Income Tax Adjustment - ARAM	(46,178)	46,178	0		0		0
5	Deferred State Income Taxes - Amort. of Excess Def. Taxes	(74,589)	0	(74,589)		(74,589)		(74,589)
6	Deferred State Income Taxes - Prior Year	0	0	0		0		0
7	Deferred State Income Taxes - Net	1,011,516	(310,562)	700,954	(68,270)	632,684	0	632,684
8								
9	Total State Income Tax Expense	708,068	(28,968)	679,100	70,654	749,754	755,098	1,504,852
10								
11								
12	Federal Taxable Income							
13	before State Income Tax from Page 2	9,025,608	(2,688,459)	6,337,149	2,796,097	9,133,246	15,197,705	24,330,951
14								
15	State Income Tax Deductible from Page 2	(303,448)	281,594	(21,854)	138,924	117,070	755,098	872,168
16	Federal Taxable Income	9,329,056	(2,970,053)	6,359,003	2,657,173	9,016,176	14,442,607	23,458,783
17								
18	Federal Income Tax @ 21% (A)	1,959,102	(623,711)	1,335,391	558,006	1,893,397	3,032,947	4,926,344
19	Prior Year Adjustments	0	0	0		0		0
20	Federal Income Tax - Current	1,959,102	(623,711)	1,335,391	558,006	1,893,397	3,032,947	4,926,344
21								
22	Deferred Federal Income Taxes	1,370,020	321,879	1,691,899	(274,106)	1,417,793	0	1,417,793
23	Deferred Federal Income Tax - ARAM	(59,471)	(12,608)	(72,079)		(72,079)		(72,079)
24	Deferred Federal Income Tax - Amort. Of Excess Def. Taxes	(864,745)	234,309	(630,436)		(630,436)		(630,436)
25	Deferred Federal Income Tax - Other	91,381	(75,717)	15,664		15,664		15,664
26	Deferred Federal Income Tax - Prior Year	0	0	0		0		0
27	Deferred Federal Income Tax - Net	537,185	467,863	1,005,048	(274,106)	730,942	0	730,942
28								
29	Amortization of Investment Tax Credit	(75,934)	15,187	(60,747)	0	(60,747)	0	(60,747)
30								
31	Total Federal Income Tax Expense	2,420,353	(140,661)	2,279,692	283,900	2,563,592	3,032,947	5,596,539

(A) Calculation may be different due to rounding.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
DEVELOPMENT OF JURISDICTIONAL FEDERAL AND STATE INCOME TAXES
BEFORE ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE E-2
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. R. PANIZZA

LINE NO.	ACCOUNT TITLE	TOTAL UTILITY (1)	JURISDIC- TIONAL % (2)	JURISDICTION (3)	JURISDICTIONAL CODE/EXPLANATION (4)
		(\$)		(\$)	

Not Applicable - 100% Jurisdictional

Before

KENTUCKY PUBLIC SERVICE COMMISSION

GAS CASE NO. 2021-00190

IN THE MATTER OF THE APPLICATION
OF DUKE ENERGY KENTUCKY
FOR AUTHORITY TO INCREASE
ITS RATES FOR GAS SERVICE TO ALL
JURISDICTIONAL CONSUMERS

SECTION F

SECTION F

OTHER EXPENSES

DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended August 31, 2021

Forecasted Period: Twelve Months Ended December 31, 2022

Schedules

- F-1 Social and Service Club Dues
- F-2.1 Charitable Contributions
- F-2.2 Initiation Fees/Country Club Expense
- F-2.3 Employee Party, Outing, and Gift Expense
- F-3 Customer Service and Informational Sales and General Advertising Expense
- F-4 Advertising
- F-5 Professional Services Expenses
- F-6 Rate Case Expense
- F-7 Civic, Political and Related Expenses

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
SOCIAL AND SERVICE CLUB DUES
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE F-1
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	SOCIAL ORGANIZATION/ SERVICE CLUB	BASE PERIOD			FORECASTED PERIOD		
			TOTAL UTILITY	JURISDICTIONAL		TOTAL UTILITY	JURISDICTIONAL	
			(\$)	PERCENT	AMOUNT	(\$)	PERCENT	AMOUNT
1	863000	Various Budgeted Items	0	100.00	0	35	100.00	35
2	874000	Various Budgeted Items	0	100.00	0	300	100.00	300
3	880000	Various Budgeted Items	0	100.00	0	666	100.00	666
4	903000	Various Budgeted Items	0	100.00	0	8	100.00	8
5	908160	Various Budgeted Items	0	100.00	0	180	100.00	180
6	921100	Various Budgeted Items	0	100.00	0	2,904	100.00	2,904
7	921200	Various Budgeted Items	0	100.00	0	1,561	100.00	1,561
8	930200	American Gas Association	33,733	100.00	33,733	0	100.00	0
9	930200	Interstate Natural Gas Assoc. of America	5,295	100.00	5,295	0	100.00	0
10	930200	Various Budgeted Items	0	100.00	0	122	100.00	122
11	930230	Cincinnati USA Regional Chamber	1,139	100.00	1,139	0	100.00	0
12	930230	Kentucky Chamber of Commerce	985	100.00	985	0	100.00	0
13	930230	Northern Kentucky Chamber of Commerce	123	100.00	123	0	100.00	0
14	930230	Northern Kentucky Regional Alliance	11,800	100.00	11,800	0	100.00	0
15	930230	Utility Economic Development Assoc.	15	100.00	15	0	100.00	0
16	930230	Miscellaneous	2,793	100.00	2,793	0	100.00	0
17	930230	Various Budgeted Items	7,021	100.00	7,021	13,176	100.00	13,176
18			<u>62,904</u>		<u>62,904</u>	<u>18,952</u>		<u>18,952</u>

(A) Allocation Code DALL

(B) No Initiation Fees/Country Club Expenses are included in the forecasted period operating expenses.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
CHARITABLE CONTRIBUTIONS
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE F-2.1
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	CHARITABLE ORGANIZATION	BASE PERIOD			FORECASTED PERIOD		
			TOTAL UTILITY	JURISDICTIONAL		TOTAL UTILITY	JURISDICTIONAL	
				PERCENT	AMOUNT		PERCENT	AMOUNT
			(\$)	(A) %	(\$)	(\$)	(A) %	(\$)
1	426100	Bowles Center For Diversity Outreach	1,230	100.00	1,230	0	100.00	0
2	426100	Catalytic Development Funding Corp	10,250	100.00	10,250	0	100.00	0
3	426100	Cincinnati Business Committee	2,522	100.00	2,522	0	100.00	0
4	426100	Cincinnati Regional Business Committee	1,658	100.00	1,658	0	100.00	0
5	426100	FC Cincinnati Holdings LLC	8,400	100.00	8,400	0	100.00	0
6	426100	Kentucky Association Of Manufacturers	982	100.00	982	0	100.00	0
7	426100	Kentucky Coal Association	732	100.00	732	0	100.00	0
8	426100	Learning Grove	615	100.00	615	0	100.00	0
9	426100	Metropolitan Club	820	100.00	820	0	100.00	0
10	426100	National Association For The Advancement	820	100.00	820	0	100.00	0
11	426512	Northern Kentucky Community Action	18,470	100.00	18,470	0	100.00	0
12	426100	Northern Kentucky Education Council	1,230	100.00	1,230	0	100.00	0
13	426512	Various Budgeted Items	0	100.00	0	34,992	100.00	34,992
14	426100	Redi Cincinnati LLC	6,250	100.00	6,250	0	100.00	0
15	426100	Young Women Lead Inc	4,100	100.00	4,100	0	100.00	0
16	426100	Miscellaneous	14,448	100.00	14,448	0	100.00	0
17	426100	Various Budgeted Items	68,321	100.00	68,321	120,876	100.00	120,876
18								
19		Total Charitable Contributions	140,848		140,848	155,868		155,868

(A) Allocation Code DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
INITIATION FEES/COUNTRY CLUB EXP.
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISIONS
WORK PAPER REFERENCE NO(S)::

SCHEDULE F-2.2
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	PAYEE ORGANIZATION	BASE PERIOD			FORECASTED PERIOD		
			TOTAL UTILITY	JURISDICTIONAL		TOTAL UTILITY	JURISDICTIONAL	
				PERCENT (A)	AMOUNT (\$)		PERCENT (A)	AMOUNT (\$)
			(\$)	%	(\$)	(\$)	%	(\$)

Initiation Fees/Country Club Expenses are included on Schedule F-1.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
EMPLOYEE PARTY, OUTING, & GIFT EXPENSE
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):.

SCHEDULE F-2.3
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	EMPLOYEE EXPENDITURES	BASE PERIOD			FORECASTED PERIOD		
			TOTAL UTILITY	JURISDICTIONAL		TOTAL UTILITY	JURISDICTIONAL	
				PERCENT (A)	AMOUNT (\$)		PERCENT (A)	AMOUNT (\$)
			(\$)	%	(\$)	(\$)	%	(\$)
1	926000	Budgeted Service/Safety Awards	6,753	100.00	6,753	4,800	100.00	4,800
2								
3		Total Employee Party & Gift Expense	<u>6,753</u>		<u>6,753</u>	<u>4,800</u>		<u>4,800</u>

(A) Alloc Code DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
CUSTOMER SERVICE AND INFORMATIONAL EXPENSE, SALES EXPENSE AND GENERAL ADVERTISING EXPENSE
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): SCHEDULE C-2.1

SCHEDULE F-3
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	DESCRIPTION OF EXPENSES	BASE PERIOD			FORECASTED PERIOD		
			TOTAL GAS	JURISDICTIONAL		TOTAL GAS	JURISDICTIONAL	
				PERCENT (A)	AMOUNT		PERCENT (A)	AMOUNT
			(\$)	%	(\$)	(\$)	%	(\$)
1		Customer Service And Informational Expenses						
2	908	Customer Assistance	137,119	100.000	137,119	157,218	100.000	157,218
3	909	Information and Instructional Advertising	2,005	100.000	2,005	0	100.000	0
4	910	Misc Cust Serv and Info - Gas	206,223	100.000	206,223	231,972	100.000	231,972
5		Total Customer Service and Informational Expenses	<u>345,347</u>		<u>345,347</u>	<u>389,190</u>		<u>389,190</u>
6								
7		Sales Expense						
8	912	Demonstrating & Selling	364,521	100.000	364,521	413,912	100.000	413,912
9	913	Advertising Expense	2,355	100.000	2,355	0	100.000	0
10		Total Sales Expense	<u>366,876</u>		<u>366,876</u>	<u>413,912</u>		<u>413,912</u>
11								
12		General Advertising Expense						
13	930150	Miscellaneous Advertising Exp	32,161	100.000	32,161	34,032	100.000	34,032
14		Total General Advertising Expense	<u>32,161</u>		<u>32,161</u>	<u>34,032</u>		<u>34,032</u>

(A) Alloc Code DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADVERTISING
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPF-4a, WPF-4b

SCHEDULE F-4
PAGE 1 OF 2
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ITEM (A)	SALES OR PROMOTIONAL ADVERTISING (B)	INSTITUTIONAL ADVERTISING (C)	CONSERVATION ADVERTISING (D)	SAFETY (E)	RATE CASE (F)	OTHER (G)	TOTAL (H)
1	<u>Newspaper</u>						0	0
2								
3	<u>Magazines and Other</u>						0	0
4								
5	<u>Television</u>						0	0
6								
7	<u>Radio</u>						0	0
8								
9	<u>Direct Mail</u>			0	2,005			2,005
10								
11	<u>Sales Aids</u>						2,351	2,351
12								
13	<u>Undetermined</u>						32,165	32,165
14								
15	Total	0	0	0	2,005	0	34,516	36,521
16								
17	Amount Assigned to							
18	KY Retail	0	0	0	2,005	0	34,516	36,521

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
ADVERTISING
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPF-4a, WPF-4b

SCHEDULE F-4
PAGE 2 OF 2
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ITEM (A)	SALES OR PROMOTIONAL ADVERTISING (B)	INSTITUTIONAL ADVERTISING (C)	CONSERVATION ADVERTISING (D)	SAFETY (E)	RATE CASE (F)	OTHER (G)	TOTAL ⁽¹⁾ (H)
1	Newspaper						0	0
2								
3	Magazines and Other						0	0
4								
5	Television						0	0
6								
7	Radio - Safety Advertising						0	0
8								
9	Direct Mail						0	0
10								
11	Sales Aids						0	0
12								
13	Undetermined						34,032	34,032
14								
15	Total	0	0	0	0	0	34,032	34,032
16								
17	Amount Assigned to							
18	KY Retail	0	0	0	0	0	34,032	34,032

Notes:

⁽¹⁾ Eliminated on Schedule D-2.22

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PROFESSIONAL SERVICES EXPENSES
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPF-5a, WPF-5b

SCHEDULE F-5
PAGE 1 OF 2
WITNESS RESPONSIBLE:
J. P. BROWN

Line No.	Description	Expense Breakdown			Total Gas Unadjusted	Juris. Allocation %	Jurisdictional Unadjusted	Adjustments	Jurisdictional Adjusted	Allocation Code
		Rate Case	Annual Audit	Other						
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
1										
2	Legal	0	0	0	0	100.000	0	0	0	DALL
3										
4	Engineering	0	0	0	0	100.000	0	0	0	DALL
5										
6	Accounting	0	0	0	0	100.000	0	0	0	DALL
7										
8	Other	<u>0</u>	<u>0</u>	<u>1,770,106</u>	<u>1,770,106</u>	100.000	<u>1,770,106</u>	<u>0</u>	<u>1,770,106</u>	DALL
9										
10	Total	<u>0</u>	<u>0</u>	<u>1,770,106</u>	<u>1,770,106</u>		<u>1,770,106</u>	<u>0</u>	<u>1,770,106</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PROFESSIONAL SERVICES EXPENSES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): WPF-5a, WPF-5b

SCHEDULE F-5
PAGE 2 OF 2
WITNESS RESPONSIBLE:
J. P. BROWN

Line No.	Description	Expense Breakdown			Total Gas Unadjusted	Juris. Allocation %	Jurisdictional Unadjusted	Adjustments	Jurisdictional Adjusted	Allocation Code
		Rate Case	Annual Audit	Other						
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
1										
2	Legal	0	0	0	0	100.000	0	0	0	DALL
3										
4	Engineering	0	0	0	0	100.000	0	0	0	DALL
5										
6	Accounting	0	0	0	0	100.000	0	0	0	DALL
7										
8	Other	<u>0</u>	<u>0</u>	<u>512,384</u>	<u>512,384</u>	100.000	<u>512,384</u>	<u>0</u>	<u>512,384</u>	DALL
9										
10	Total	<u>0</u>	<u>0</u>	<u>512,384</u>	<u>512,384</u>		<u>512,384</u>	<u>0</u>	<u>512,384</u>	

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
RATE CASE EXPENSE
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE F-6
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

COMPARISON OF PROJECTED EXPENSES ASSOCIATED WITH THE CURRENT CASE TO PRIOR RATE CASES								
LINE NO.	ITEM OF EXPENSE	CASE NO. 2021-00190		CASE NO. 2019-00271 (ELEC)		CASE NO. 2018-00261 (GAS)		JUSTIFICATION OF SIGNIFICANT CHANGE
		ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	
1	Legal	163,460	114,758	276,675	75,204	266,000		
2	Depreciation Study	0	57,844	60,000	44,167	75,000		
3	Demolition Study	0	0	0	9,500	9,500		
4	Depreciation Consultant	15,000	0	0	0	0		
5	Rate of Return Studies	50,000	66,000	70,000	56,246	80,000		
6	Cost of Service Studies	0	0	0	0	0		
7	Publish Legal Notice	85,000	76,983	210,000	58,057	100,000		
8	Transportation, Lodging, Meals	30,000	23,583	50,000	11,147	35,000		
9	Miscellaneous	10,000	0	10,000	155	10,000		
10	Total	<u>353,460</u>	<u>339,168</u>	<u>676,675</u>	<u>254,476</u>	<u>575,500</u>		

11
12

SCHEDULE OF RATE CASE EXPENSE AMORTIZATION

RATE CASE	TOTAL TO BE AMORTIZED	OPINION / ORDER DATE	AMORTIZATION PERIOD	AMOUNT AMORTIZED TO DATE	AMORT. DURING FORECASTED PERIOD
21 CURRENT CASE	353,460	-	5 YEAR	0	70,692
23 CASE NO. 2018-00261	254,476	3/27/2019	5 YEAR	140,161	0
25 State Fuel Hearings and Other					0
26 Total Rate Case Expense Amortization			To WPD-2.16a <-----		<u>70,692</u> (A)

(A) Represents rate case expense included on Schedule C-2, as adjusted.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
CIVIC, POLITICAL AND RELATED ACTIVITIES
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE F-7
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	ACCOUNT NO.	ORGANIZATION	BASE PERIOD			FORECASTED PERIOD		
			TOTAL UTILITY	JURISDICTIONAL		TOTAL UTILITY	JURISDICTIONAL	
				PERCENT (A)	AMOUNT (\$)		PERCENT (A)	AMOUNT (\$)
			(\$)	%	(\$)	(\$)	%	(\$)
1	426400	American Gas Association	1,332	100.00	1,332	0	100.00	0
2	426400	McBrayer McGinnis Leslie & Kirkland	13,426	100.00	13,426	0	100.00	0
3	426400	Other Items	67,086	100.00	67,086	0	100.00	0
4	426400	Various Budgeted Items	113,855	100.00	113,855	230,222	100.00	230,222
5								
6		Total Civic, Political & Related Activities	195,699		195,699	230,222		230,222

(A) Allocation Code DALL

Before

KENTUCKY PUBLIC SERVICE COMMISSION

GAS CASE NO. 2021-00190

IN THE MATTER OF THE APPLICATION
OF DUKE ENERGY KENTUCKY
FOR AUTHORITY TO INCREASE
ITS RATES FOR GAS SERVICE TO ALL
JURISDICTIONAL CONSUMERS

SECTION G

SECTION G

PAYROLL COSTS AND ANALYSIS

DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended August 31, 2021

Forecasted Period: Twelve Months Ended December 31, 2022

Schedules

- G-1 Payroll Costs
- G-2 Payroll Analysis
- G-3 Executive Compensation

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PAYROLL COSTS
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE G-1
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	PAYROLL COSTS	OPERATION AND MAINTENANCE EXPENSES				
		TOTAL GAS UNADJUSTED	JURISDICTIONAL % (A)	JURISDICTIONAL UNADJUSTED	ADJUSTMENTS	JURISDICTIONAL ADJUSTED
1	Base Period:					
2	Labor	\$ 7,528,802	100.000	\$ 7,528,802	\$ -	\$ 7,528,802
3	Incentives	1,127,763	100.000	1,127,763	(661,233)	466,530
4	Employee Benefits	1,723,373	100.000	1,723,373	-	1,723,373
5	Payroll Taxes	503,654	100.000	503,654	-	503,654
6	Total Payroll Costs	<u>\$ 10,883,592</u>		<u>\$ 10,883,592</u>	<u>\$ (661,233)</u>	<u>\$ 10,222,359</u>
7						
8	Forecasted Period:					
9	Labor	\$ 7,873,364	100.000	\$ 7,873,364	\$ -	\$ 7,873,364
10	Incentives	968,296	100.000	968,296	(583,357)	384,939
11	Employee Benefits	2,063,396	100.000	2,063,396	-	2,063,396
12	Payroll Taxes	620,302	100.000	620,302	-	620,302
13	Total Payroll Costs	<u>\$ 11,525,358</u>		<u>\$ 11,525,358</u>	<u>\$ (583,357)</u>	<u>\$ 10,942,001</u>

(A) Allocation Code: DALL

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
PAYROLL ANALYSIS
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE G-2
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. STEWART

LINE NO.	DESCRIPTION	BASE PERIOD	% CHANGE	FORECASTED PERIOD
1	MANHOURS			
2	STRAIGHT TIME HOURS	225,012	-	225,012
3	OVERTIME HOURS	15,572	-	15,572
4	TOTAL MANHOURS	<u>240,584</u>	-	<u>240,584</u>
5				
6	RATIO OF OVERTIME HOURS TO			
7	STRAIGHT TIME HOURS	6.92		6.92

Note: The regular and straight time hours shown are 2020 labor hours. The Company does not budget or forecast labor hours but does not expect to deviate materially from 2020.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
EXECUTIVE COMPENSATION
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISIED
WORK PAPER REFERENCE NO(S).

SCHEDULE G-3
PAGE 1 OF 1
WITNESS RESPONSIBLE:
J. STEWART

LINE NO.	DESCRIPTION	BASE PERIOD	DIFFERENCE	FORECASTED PERIOD
1	<u>Includes 11 Officers</u>			
2				
3	<u>Gross Payroll</u>			
4	Salary	\$ 7,243,088	\$ 231,255	\$ 7,474,343
5	Other Compensation	30,986,051	(2,731,818)	28,254,233
6	Total Salary and Compensation	\$ 38,229,139	\$ (2,500,563)	\$ 35,728,576

NOTE: This schedule contains confidential information, detail of these numbers are available upon request.

- (1) *The Company's forecast assumes an annual salary adjustment of 3.0%.*
- (2) *Other compensation includes cash based short-term incentives and stock based long term incentives at target.*

Positions included on this schedule are:

Chair, President & CEO
EVP, Energy Solutions and President, Midwest/Florida Regions and Natural Gas Business
EVP & Chief Operating Officer
EVP, External Affairs and President, Carolinas Region
EVP, Chief Legal Officer and Corporate Secretary
EVP and CFO
SVP, Chief Accounting Officer, Tax and Controller
SVP Corporate Development & Treasurer
SVP, Chief Transformation and Administrative Officer *
SVP, Customer Experience & Services
State President - OH/KY

* The CHRO now reports to the SVP, Chief Transformation and Administrative Officer

These costs are total costs for Duke Energy Corporation, a portion of which are allocated to Kentucky.

Before

KENTUCKY PUBLIC SERVICE COMMISSION

GAS CASE NO. 2021-00190

IN THE MATTER OF THE APPLICATION
OF DUKE ENERGY KENTUCKY
FOR AUTHORITY TO INCREASE
ITS RATES FOR GAS SERVICE TO ALL
JURISDICTIONAL CONSUMERS

SECTION H

SECTION H

GROSS REVENUE CONVERSION FACTOR

DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended August 31, 2021

Forecasted Period: Twelve Months Ended December 31, 2022

Schedules

H Computation of Gross Revenue Conversion Factor

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
COMPUTATION OF GROSS REVENUE CONVERSION FACTOR
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE H
PAGE 1 OF 2
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	DESCRIPTION	PERCENT OF INCREMENTAL GROSS REVENUE
1	Operating Revenues	100.0000%
2		
3		
4	Less: KPSC Maintenance Tax	0.2000%
5	Subtotal	<u>0.2000%</u>
6		
7	Income before Income Tax (Line 1 - Line 5)	99.8000%
8		
9	Income Taxes - State of Kentucky	
10	(5.000% * 99.8% * 99.37%)	<u>4.9586%</u>
11		
12	Income before Federal Income Tax (Line 7 - Line 10)	94.8414%
13		
14	Federal Income Tax (21% x 94.8414%)	<u>19.9167%</u>
15		
16	Operating Income Percentage (Line 12 - Line 14)	<u>74.9247%</u>
17		
18	Gross Revenue Conversion Factor (100% / 74.9247%)	<u>1.3346730</u>

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
COMPUTATION OF GROSS REVENUE CONVERSION FACTOR
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE H
PAGE 2 OF 2
WITNESS RESPONSIBLE:
J. P. BROWN

LINE NO.	DESCRIPTION	PERCENT OF INCREMENTAL GROSS REVENUE
1	Operating Revenues	100.0000%
2		
3		
4	Less: KPSC Maintenance Tax	0.2000%
5	Subtotal	<u>0.2000%</u>
6		
7	Income before Income Tax (Line 1 - Line 5)	99.8000%
8		
9	Income Taxes - State of Kentucky	
10	(5.00% * 99.8% * 99.37%)	<u>4.9586%</u>
11		
12	Income before Federal Income Tax (Line 7 - Line 10)	94.8414%
13		
14	Federal Income Tax (21% x 94.8414%)	<u>19.9167%</u>
15		
16	Operating Income Percentage (Line 12 - Line 14)	<u>74.9247%</u>
17		
18	Gross Revenue Conversion Factor (100% / 74.9247%)	<u>1.3346730</u>

Before

KENTUCKY PUBLIC SERVICE COMMISSION

GAS CASE NO. 2021-00190

IN THE MATTER OF THE APPLICATION
OF DUKE ENERGY KENTUCKY
FOR AUTHORITY TO INCREASE
ITS RATES FOR GAS SERVICE TO ALL
JURISDICTIONAL CONSUMERS

SECTION I

SECTION I
STATISTICAL DATA
DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended August 31, 2021

Forecasted Period: Twelve Months Ended December 31, 2022

Schedules

I-1	Total Company Comparative Income Statements
I-1	Electric Income Statements
I-2.1	Revenue Statistics - Total Company
I-3	Revenue Statistics - Jurisdictional
I-4	Sales Statistics - Total Company
I-5	Sales Statistics - Jurisdictional

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
TOTAL COMPANY
COMPARATIVE INCOME STATEMENTS
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S)

SCHEDULE I-1
PAGE 1 OF 2
WITNESS RESPONSIBLE:
A. MOTTSINGER / B. MANGES

LINE NO	DESCRIPTION	FORECASTED PERIOD		% CHANGE	BASE PERIOD	% CHANGE	MOST RECENT FIVE CALENDAR YEARS										
		2024	2023				2020	2019	2018	2017	2016	2015					
1	UTILITY OPERATING INCOME	538,076,062	536,060,158	498,527,057	3.26%	482,777,646	8.33%	445,665,255	(6.90)%	478,697,929	(1.91)%	488,020,879	13.74%	429,072,243	(2.66)%	440,779,999	(5.56)%
2	OPERATING REVENUES																
3	OPERATING EXPENSES																
4	OPERATION EXPENSES	273,455,583	269,830,349	268,262,953	(0.48)%	269,566,591	14.38%	235,673,671	(9.21)%	259,569,501	(6.25)%	276,886,906	5.82%	291,647,225	(3.15)%	270,158,902	(5.97)%
5	MAINTENANCE EXPENSES	19,839,670	19,880,721	23,718,840	(21.16)%	30,082,910	(15.92)%	35,779,343	(21.70)%	45,696,645	(2.86)%	47,041,717	34.93%	47,041,717	4.13%	33,479,900	4.18%
6	DEPRECIATION EXPENSE	89,052,648	87,184,885	82,198,641	14.51%	71,781,138	16.91%	61,396,656	8.19%	56,751,180	7.02%	53,028,478	20.96%	43,842,295	6.79%	41,052,844	0.14%
7	AMORT. & DEPL. OF UTILITY PLANT				(100.00)%	4,041,057	145.91%	7,471,556	27.04%	5,881,492	16.92%	5,030,296	31.53%	3,824,519	46.22%	2,615,436	(7.14)%
8	REGULATORY DEBITS	8,463,812	10,720,230	19,991,554	85.31%	12,093,467	110.80%	5,736,810	(70.88)%	19,697,434	33.64%	14,739,407	2604.61%	544,974	(89.14)%	5,017,219	117.17%
9	REGULATORY CREDITS				100.00%	(699,400)	52.06%	(1,459,045)	57.30%	(3,417,037)	19.20%	(4,229,062)	(52.52)%	(2,772,810)	(160.43)%	(1,064,723)	(166.48)%
10	TAXES OTHER THAN INCOME TAXES	23,552,377	22,706,891	21,315,381	13.58%	18,766,361	10.92%	16,918,072	5.79%	15,992,673	6.68%	14,991,586	5.41%	14,222,244	(2.16)%	14,536,700	12.14%
11	INCOME TAXES - FEDERAL	10,061,110	13,754,587	4,257,373	(35.41)%	6,591,307	222.36%	2,044,705	144.66%	(4,578,340)	72.76%	(15,807,453)	(9.92)%	(15,290,192)	(309.64)%	(3,732,567)	(339.90)%
12	INCOME TAXES - OTHER	2,197,434	2,564,086	98,371	(84.42)%	554,305	133.79%	271,995	136.16%	(752,107)	64.51%	(2,119,436)	(463.43)%	(376,169)	56.88%	(972,451)	(9.78)%
13	PROVISION FOR DEFERRED INCOME TAXES	7,408,671	4,423,590	6,485,566	(69.65)%	21,372,757	148.01%	41,108,598	(31.12)%	59,682,009	(17.25)%	72,123,832	(22.18)%	92,675,520	2.12%	90,755,536	(37.05)%
14	PROVISION FOR DEFERRED INCOME TAXES - CREDIT				100.00%	(19,438,797)	43.35%	(34,315,896)	26.08%	(46,424,182)	(10.42)%	(42,043,865)	25.83%	(56,685,655)	18.00%	(69,127,951)	40.95%
15	INVESTMENT TAX CREDIT ADJ. - NET				100.00%	(30,588)	50.00%	(61,175)	-	(61,175)	22.13%	(78,565)	(0.16)%	(78,441)	12.98%	(90,146)	7.27%
16	GAINS FROM DISP OF ALLOW - CREDIT				-		100.00%	(59,444)	16.11%	(70,860)	(1044.38)%	(6,192)	(26821.74)%	(23)			100.00%
17	ACCRETION EXPENSE				-												
18	TOTAL UTILITY OPERATING EXPENSES	434,030,305	431,065,349	426,316,279	2.81%	414,683,108	11.92%	370,505,846	(9.18)%	407,967,233	(2.53)%	418,558,591	11.20%	376,417,501	(1.65)%	382,728,816	(5.71)%
19	NET UTILITY OPERATING INCOME	104,045,757	104,994,809	72,210,778	6.04%	68,094,538	(9.40)%	75,159,409	6.26%	70,730,696	1.83%	69,462,288	31.92%	52,654,742	(9.30)%	58,051,173	(4.59)%
20	OTHER INCOME AND DEDUCTIONS																
21	OTHER INCOME																
22	NONUTILITY OPERATING INCOME	850,000	850,000	850,000		811,597	(21.74)%	1,164,829	17.00%	995,580	61.92%	614,842	(12.72)%	704,469	31.75%	387,576	(16.76)%
23	INTEREST AND DIVIDEND INCOME	1,385,621	1,314,939	1,271,183		1,000,162	3.82%	965,254	(43.32)%	1,703,080	4.88%	1,623,783	31.40%	1,235,748	24.80%	990,145	(2.89)%
24	ALLOWANCE FOR FUNDS USED DURING CONST	3,643,200	2,813,036	2,596,404		349,082	380.07%	(124,641)	(104.97)%	2,505,447	(20.31)%	3,143,817	(6.38)%	3,358,208	152.08%	1,332,221	115.00%
25	MISCELLANEOUS NONOPERATING INCOME	399,060	1,162,729	1,226,592		1,223,687	15.50%	1,059,499	(58.41)%	2,547,194	251.00%	725,689	17445.67%	4,136	394.38%	(1,405)	(2701.85)%
26	GAIN ON DISPOSITION OF PROPERTY								(100.00)%	1,183				17,045	(55.78)%	38,549	(83.97)%
27	TOTAL OTHER INCOME	6,277,881	6,140,117	5,944,179	70.59%	3,484,528	13.69%	3,064,941	(60.47)%	7,752,484	26.92%	6,108,131	14.82%	5,319,606	91.61%	2,747,086	24.54%
28	OTHER INCOME DEDUCTIONS																
29	LOSS ON DISPOSITION OF PROPERTY																
30	MISCELLANEOUS INCOME DEDUCTIONS					1,097,532	(44.28)%	1,970,132	(37.56)%	3,155,491	0.04%	3,154,134	(21.62)%	4,024,010	97.62%	2,036,243	7.65%
31	TOTAL OTHER INCOME DEDUCTIONS				(100.00)%	1,097,532	(44.29)%	1,970,132	(37.56)%	3,155,491	(2.43)%	3,234,002	(21.88)%	4,139,639	102.22%	2,047,096	8.50%
32	TAXES APPLICABLE TO OTHER INCOME AND DEDUCTIONS																
33	TAXES OTHER THAN INCOME TAXES																
34	INCOME TAXES - FEDERAL					31,192	(70.12)%	104,393	7.86%	96,788	(5.94)%	102,905	(12.18)%	117,175	17.09%	100,069	(20.74)%
35	INCOME TAXES - OTHER					769,502	(64.72)%	2,180,902	(7.99)%	2,370,384	87.73%	1,262,575	(31.60)%	1,150,242	(41.36)%	3,150,242	(4.15)%
36	PROVISION FOR DEFERRED INCOME TAXES					209,350	(61.55)%	544,528	(7.95)%	591,541	81.80%	325,373	12.37%	289,565	(43.42)%	511,744	(6.84)%
37	PROVISION FOR DEFERRED INCOME TAXES - CREDIT					(21,341)	(117.39)%	122,704	(75.56)%	502,075	(50.44)%	1,013,143	(30.45)%	1,456,786	540.68%	227,382	(96.66)%
38	INVESTMENT TAX CREDIT ADJ. - NET					(892,709)	59.21%	(2,188,314)	(4.94)%	(2,085,376)	(93.59)%	(202,151)	99.19%	(24,991,931)	(569.21)%	(3,734,569)	63.67%
39	TOTAL TAXES ON OTHER INCOME AND DEDUCTIONS				(100.00)%	96,000	(87.44)%	764,213	(48.20)%	1,475,412	(41.03)%	2,501,945	111.75%	(21,288,996)	(10010.57)%	(214,811)	(48.42)%
40	NET OTHER INCOME AND DEDUCTIONS	6,277,881	6,140,117	5,944,179	159.46%	2,290,996	592.99%	330,596	(89.41)%	3,121,581	738.72%	372,184	(98.34)%	22,468,963	4531.07%	485,179	598.08%
41	INTEREST CHARGES																
42	INTEREST ON LONG TERM DEBT	34,508,350	32,239,495	29,111,891	11.35%	26,143,721	5.99%	24,665,700	6.03%	23,263,585	26.93%	18,328,360	25.38%	14,618,543	6.24%	13,750,989	13.08%
43	AMORTIZATION OF DEBT DISCOUNT AND EXPENSE	531,040	565,343	552,059	9.77%	522,928	28.03%	392,831	8.81%	361,034	9.68%	329,160	9.09%	301,742	(59.68)%	748,311	79.14%
44	AMORTIZATION OF LOSS ON REACQUIRED DEBT				(100.00)%	69,065	(59.79)%	171,778	(26.27)%	232,976	(12.57)%	266,474	-	266,474	-	266,474	-
45	AMORTIZATION OF PREMIUM ON DEBT - CREDIT																
46	INTEREST ON DEBT TO ASSOC. COMPANIES	187,500	150,000	140,612	(60.26)%	353,791	(53.20)%	755,884	(58.69)%	1,829,960	8.35%	1,688,923	272.28%	453,674	88.02%	229,106	21.01%
47	OTHER INTEREST EXPENSE	565,887	527,899	508,059	(43.62)%	901,064	(33.76)%	1,360,229	4.06%	1,307,150	16.73%	1,401,444	1.24%	1,384,300	(6.84)%	1,485,968	(15.33)%
48	ALLOW FOR BRWD FUNDS USED DUR CONST - CREDIT	(2,994,950)	(2,161,752)	(1,938,962)	(8264.97)%	(23,067)	(8119.77)%	388	100.01%	(2,012,772)	(1.19)%	(1,269,115)	(53.01)%	(1,299,958)	(141.88)%	(537,494)	(139.32)%
49	NET INTEREST CHARGES	32,797,827	31,290,978	28,373,649	1.62%	27,947,473	2.20%	27,346,710	9.46%	24,983,333	24.75%	20,025,251	27.35%	15,724,775	(1.43)%	15,952,414	9.47%
50	NET INCOME	77,625,811	79,843,948	49,781,308	17.30%	42,438,061	(11.89)%	48,143,295	(1.49)%	48,869,944	(1.89)%	49,809,221	(16.14)%	59,996,930	39.49%	42,583,938	(7.78)%

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
REVENUE STATISTICS-TOTAL COMPANY
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

SCHEDULE I-2.1
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER / B. MANGES

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S).

LINE NO.	DESCRIPTION	TWO PROJECTED CALENDAR YEARS		FORECASTED PERIOD	BASE PERIOD	MOST RECENT FIVE CALENDAR YEARS				
		2024	2023			2020	2019	2018	2017	2016
1	REVENUE BY CUSTOMER									
2	CLASS-\$ (A)									
3	RETAIL -									
4	RESIDENTIAL	74,853,401	73,731,790	75,044,998	72,344,611	64,795,883	66,611,668	69,420,719	61,825,680	62,214,654
5	COMMERCIAL	25,563,208	25,351,077	25,234,664	25,224,060	22,170,242	24,601,558	25,114,988	21,472,263	20,343,213
6	INDUSTRIAL	1,958,708	1,998,210	2,105,702	1,859,021	1,662,760	1,901,794	1,767,492	1,584,623	1,346,659
7	OTHER	2,320,694	2,356,286	2,487,613	1,191,234	1,476,948	2,296,136	2,490,941	2,328,378	2,145,080
8	TOTAL RETAIL	104,696,011	103,437,363	104,872,977	100,618,926	90,105,833	95,411,156	98,794,140	87,210,944	86,049,606
9	TRANSPORTATION -									
10	COMMERCIAL	1,611,062	1,573,096	1,379,384	1,497,576	1,328,403	1,235,248	1,178,798	1,029,849	1,083,520
11	INDUSTRIAL	4,019,681	3,964,235	3,485,484	2,992,652	2,935,245	3,400,918	2,907,679	2,871,199	2,920,394
12	OTHER	418,858	417,180	396,332	257,707	370,494	389,513	370,610	880,183	903,685
13	OTHER END USERS	1,843,741	1,818,407	2,386,215	2,140,384	1,289,667	1,351,412	1,467,832	1,570,337	1,499,024
14	TOTAL TRANSPORTATION	7,893,342	7,772,918	7,647,415	6,888,319	5,923,809	6,377,091	5,924,919	6,351,568	6,406,623
15	TOTAL REVENUES	112,589,353	111,210,281	112,520,392	107,507,245	96,029,642	101,788,247	104,719,059	93,562,512	92,456,229
16										
17	NO. OF CUSTOMERS BY									
18	CLASS (YEAR END)									
19	RETAIL -									
20	RESIDENTIAL	95,873	95,181	94,502	92,315	94,183	93,349	92,510	91,702	90,896
21	COMMERCIAL	7,420	7,366	7,313	6,887	7,418	7,248	7,230	7,154	7,294
22	INDUSTRIAL	220	219	217	204	216	210	212	208	210
23	OTHER	249	247	245	232	99	356	367	363	372
24	TOTAL RETAIL	103,762	103,013	102,277	99,638	101,916	101,163	100,319	99,427	98,772
25	TRANSPORTATION -									
26	COMMERCIAL	45	44	44	42	67	46	44	44	44
27	INDUSTRIAL	39	38	38	37	39	39	38	37	38
28	OTHER	10	10	10	10	3	13	11	13	13
29	OTHER END USERS	22	22	22	22	22	22	22	22	22
30	TOTAL TRANSPORTATION	116	114	115	111	131	120	115	116	117
31	TOTAL CUSTOMERS	103,878	103,127	102,392	99,749	102,047	101,283	100,434	99,543	98,889
32										
33	NO. OF CUSTOMERS BY									
34	CLASS (AVERAGE)									
35	RETAIL -									
36	RESIDENTIAL	94,929	94,244	93,572	93,396	93,602	92,448	91,648	90,736	89,990
37	COMMERCIAL	7,251	7,199	7,148	7,193	7,166	7,091	7,047	7,022	7,131
38	INDUSTRIAL	215	214	212	210	207	206	205	207	205
39	OTHER	243	242	240	177	269	362	364	366	367
40	TOTAL RETAIL	102,638	101,899	101,172	100,974	101,244	100,107	99,264	98,331	97,693
41	TRANSPORTATION -									
42	COMMERCIAL	44	43	43	54	53	44	44	44	44
43	INDUSTRIAL	38	38	38	38	39	40	36	38	39
44	OTHER	10	10	10	7	14	13	13	13	14
45	OTHER END USERS	22	22	22	22	22	23	22	22	22
46	TOTAL TRANSPORTATION	114	114	113	121	128	120	115	117	119
47	TOTAL CUSTOMERS	102,752	102,013	101,285	101,095	101,372	100,227	99,379	98,448	97,812
48										
49	AVERAGE REVENUE PER									
50	CUSTOMER									
51	RETAIL -									
52	RESIDENTIAL	789	782	802	775	692	721	757	681	691
53	COMMERCIAL	3,525	3,521	3,530	3,507	3,094	3,469	3,564	3,058	2,853
54	INDUSTRIAL	9,110	9,337	9,933	8,852	8,033	9,232	8,622	7,655	6,569
55	TRANSPORTATION -									
56	COMMERCIAL	36,615	36,584	32,079	27,733	25,064	28,074	26,791	23,406	24,625
57	INDUSTRIAL	105,781	104,322	91,723	78,754	75,263	85,023	80,769	75,558	74,882
58	OTHER END USERS	83,806	82,655	108,464	97,290	58,621	58,757	66,720	71,379	68,137

(A) Contains Billed Sales.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
REVENUE STATISTICS-JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

SCHEDULE I-3
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER / B. MANGES

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S).

LINE NO.	DESCRIPTION	TWO PROJECTED CALENDAR YEARS		FORECASTED PERIOD	BASE PERIOD	MOST RECENT FIVE CALENDAR YEARS				
		2024	2023			2020	2019	2018	2017	2016
1	REVENUE BY CUSTOMER									
2	CLASS-S (A)									
3	RETAIL -									
4	RESIDENTIAL									
5	COMMERCIAL									
6	INDUSTRIAL									
7	OTHER									
8	TOTAL RETAIL									
9	TRANSPORTATION -									
10	COMMERCIAL									
11	INDUSTRIAL									
12	OTHER									
13	OTHER END USERS									
14	TOTAL TRANSPORTATION									
15	TOTAL REVENUES									
16										
17	NO. OF CUSTOMERS BY									
18	CLASS (YEAR END)									
19	RETAIL -									
20	RESIDENTIAL									
21	COMMERCIAL									
22	INDUSTRIAL									
23	OTHER									
24	TOTAL RETAIL									
25	TRANSPORTATION -									
26	COMMERCIAL									
27	INDUSTRIAL									
28	OTHER									
29	OTHER END USERS									
30	TOTAL TRANSPORTATION									
31	TOTAL CUSTOMERS									
32										
33	NO. OF CUSTOMERS BY									
34	CLASS (AVERAGE)									
35	RETAIL -									
36	RESIDENTIAL									
37	COMMERCIAL									
38	INDUSTRIAL									
39	OTHER									
40	TOTAL RETAIL									
41	TRANSPORTATION -									
42	COMMERCIAL									
43	INDUSTRIAL									
44	OTHER									
45	OTHER END USERS									
46	TOTAL TRANSPORTATION									
47	TOTAL CUSTOMERS									
48										
49	AVERAGE REVENUE PER									
50	CUSTOMER									
51	RETAIL -									
52	RESIDENTIAL									
53	COMMERCIAL									
54	INDUSTRIAL									
55	TRANSPORTATION -									
56	COMMERCIAL									
57	INDUSTRIAL									
58	OTHER END USERS									

SAME AS SCHEDULE I-2.1 - 100% OF TOTAL COMPANY OPERATIONS ARE JURISDICTIONAL

(A) Contains Billed and Unbilled Sales.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
SALES STATISTICS-TOTAL COMPANY
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

SCHEDULE I-4
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER / B. MANGES

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

LINE NO.	DESCRIPTION	TWO PROJECTED CALENDAR YEARS		FORECASTED PERIOD	BASE PERIOD	MOST RECENT FIVE CALENDAR YEARS				
		2024	2023			2020	2019	2018	2017	2016
1	SALES BY CUSTOMER									
2	CLASS-MCF (A)									
3	RETAIL -									
4	RESIDENTIAL	6,576,298	6,367,716	6,350,433	6,163,493	5,557,381	6,139,892	6,561,680	5,168,611	5,120,342
5	COMMERCIAL	3,169,141	3,079,372	2,986,951	3,123,782	2,848,893	3,181,053	3,362,810	2,645,907	2,590,807
6	INDUSTRIAL	286,046	284,970	290,082	238,322	198,507	243,066	180,231	214,272	205,333
7	OTHER	327,909	326,328	335,704	168,346	212,826	327,540	370,730	311,516	317,877
8	TOTAL RETAIL	10,359,394	10,058,386	9,963,170	9,693,943	8,817,607	9,891,551	10,475,451	8,340,306	8,234,359
9	TRANSPORTATION -									
10	COMMERCIAL	677,289	657,682	613,528	675,425	595,536	592,107	578,676	467,414	463,688
11	INDUSTRIAL	1,766,063	1,769,648	1,934,567	1,687,672	1,524,556	1,824,824	1,613,748	1,520,851	1,558,044
12	OTHER	197,323	196,595	188,087	125,793	169,871	185,386	182,218	160,350	171,904
13	OTHER END USERS	1,730,690	1,705,249	1,672,200	1,656,144	1,638,450	1,692,205	1,577,398	1,548,968	1,513,733
14	TOTAL TRANSPORTATION	4,371,365	4,329,174	4,408,382	4,145,034	3,928,413	4,294,522	3,952,240	3,697,583	3,707,369
15	TOTAL SALES	14,730,759	14,387,560	14,371,552	13,838,977	12,746,020	14,186,073	14,427,691	12,037,889	11,941,728
16										
17	NO. OF CUSTOMERS BY									
18	CLASS (YEAR END)									
19	RETAIL -									
20	RESIDENTIAL	95,873	95,181	94,502	95,127	94,183	93,349	92,510	91,702	90,896
21	COMMERCIAL	7,420	7,366	7,313	7,276	7,418	7,248	7,230	7,154	7,294
22	INDUSTRIAL	220	219	217	239	216	210	212	208	210
23	OTHER	249	247	245	373	99	356	367	363	372
24	TOTAL RETAIL	103,762	103,013	102,277	103,015	101,916	101,163	100,319	99,427	98,772
25	TRANSPORTATION -									
26	COMMERCIAL	45	44	44	44	67	46	44	44	44
27	INDUSTRIAL	39	38	38	10	39	39	38	37	38
28	OTHER	10	10	10	10	3	13	11	13	13
29	OTHER END USERS	22	22	22	22	22	22	22	22	22
30	TOTAL TRANSPORTATION	116	114	114	86	131	120	115	116	117
31	TOTAL CUSTOMERS	103,878	103,127	102,391	103,101	102,047	101,283	100,434	99,543	98,889
32										
33	NO. OF CUSTOMERS BY									
34	CLASS (AVERAGE)									
35	RETAIL -									
36	RESIDENTIAL	94,929	94,244	93,572	94,281	93,602	92,448	91,648	90,736	89,990
37	COMMERCIAL	7,251	7,199	7,148	7,215	7,166	7,091	7,047	7,022	7,131
38	INDUSTRIAL	215	214	212	225	207	205	205	207	205
39	OTHER	243	242	240	245	269	362	364	366	367
40	TOTAL RETAIL	102,638	101,899	101,172	101,966	101,244	100,107	99,264	98,331	97,693
41	TRANSPORTATION -									
42	COMMERCIAL	44	43	43	54	53	44	44	44	44
43	INDUSTRIAL	38	38	38	25	39	40	36	38	39
44	OTHER	10	10	10	7	14	13	13	13	14
45	OTHER END USERS	22	22	22	22	22	23	22	22	22
46	TOTAL TRANSPORTATION	114	113	113	108	128	120	115	117	119
47	TOTAL CUSTOMERS	102,752	102,012	101,285	102,074	101,372	100,227	99,379	98,448	97,812
48										
49	AVERAGE SALES PER									
50	CUSTOMER-MCF									
51	RETAIL -									
52	RESIDENTIAL	69	68	68	65	59	66	72	57	57
53	COMMERCIAL	437	428	418	433	398	449	477	377	363
54	INDUSTRIAL	1,330	1,332	1,368	1,059	959	1,180	879	1,035	1,002
55	TRANSPORTATION -									
56	COMMERCIAL	15,393	15,295	14,268	12,508	11,237	13,457	13,156	10,623	10,538
57	INDUSTRIAL	46,475	46,570	50,910	67,507	39,091	45,621	44,826	40,022	39,950
58	OTHER END USERS	78,668	77,511	76,009	75,279	74,475	73,574	71,700	70,408	68,806

(A) Contains Billed Sales.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
SALES STATISTICS-JURISDICTIONAL
FOR THE TWELVE MONTHS ENDED AUGUST 31, 2021
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

SCHEDULE I-5
PAGE 1 OF 1
WITNESS RESPONSIBLE:
A. MOTSINGER / B. MANGES

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S).

LINE NO.	DESCRIPTION	TWO PROJECTED CALENDAR YEARS		FORECASTED PERIOD	BASE PERIOD	MOST RECENT FIVE CALENDAR YEARS				
		2024	2023			2020	2019	2018	2017	2016
1	SALES BY CUSTOMER									
2	CLASS-MCF (A)									
3	RETAIL -									
4	RESIDENTIAL									
5	COMMERCIAL									
6	INDUSTRIAL									
7	OTHER									
8	TOTAL RETAIL									
9	TRANSPORTATION -									
10	COMMERCIAL									
11	INDUSTRIAL									
12	OTHER									
13	OTHER END USERS									
14	TOTAL TRANSPORTATION									
15	TOTAL SALES									
16										
17	NO. OF CUSTOMERS BY									
18	CLASS (YEAR END)									
19	RETAIL -									
20	RESIDENTIAL									
21	COMMERCIAL									
22	INDUSTRIAL									
23	OTHER									
24	TOTAL RETAIL									
25	TRANSPORTATION -									
26	COMMERCIAL									
27	INDUSTRIAL									
28	OTHER									
29	OTHER END USERS									
30	TOTAL TRANSPORTATION									
31	TOTAL CUSTOMERS									
32										
33	NO. OF CUSTOMERS BY									
34	CLASS (AVERAGE)									
35	RETAIL -									
36	RESIDENTIAL									
37	COMMERCIAL									
38	INDUSTRIAL									
39	OTHER									
40	TOTAL RETAIL									
41	TRANSPORTATION -									
42	COMMERCIAL									
43	INDUSTRIAL									
44	OTHER									
45	OTHER END USERS									
46	TOTAL TRANSPORTATION									
47	TOTAL CUSTOMERS									
48										
49	AVERAGE SALES PER									
50	CUSTOMER-MCF									
51	RETAIL -									
52	RESIDENTIAL									
53	COMMERCIAL									
54	INDUSTRIAL									
55	TRANSPORTATION -									
56	COMMERCIAL									
57	INDUSTRIAL									
58	OTHER END USERS									

SAME AS SCHEDULE I-4 - 100% OF TOTAL COMPANY OPERATIONS ARE JURISDICTIONAL

(A) Contains Billed and Unbilled Sales.

Before

KENTUCKY PUBLIC SERVICE COMMISSION

GAS CASE NO. 2021-00190

IN THE MATTER OF THE APPLICATION
OF DUKE ENERGY KENTUCKY
FOR AUTHORITY TO INCREASE
ITS RATES FOR GAS SERVICE TO ALL
JURISDICTIONAL CONSUMERS

SECTION J

SECTION J

RATE OF RETURN

DUKE ENERGY KENTUCKY

Base Period: As of August 31, 2021

Forecasted Period: Thirteen Month Average Ended December 31, 2022

Schedules

- J-1 Cost of Capital Summary
- J-2 Embedded Cost of Short-Term Debt
- J-3 Embedded Cost of Long-Term Debt
- J-4 Embedded Cost of Preferred Stock
(Not Included per KyPSC Standard Filing Requirements)

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
COST OF CAPITAL SUMMARY
AS OF AUGUST 31, 2021

DATA: "X" BASE PERIOD FORECASTED PERIOD
DATE OF CAPITAL STRUCTURE: END OF BASE PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): See Below

SCHEDULE J-1
PAGE 1 OF 2
WITNESS RESPONSIBLE:
C. BAUER

LINE NO.	CLASS OF CAPITAL	REFERENCE	AMOUNT (\$)	% OF TOTAL	% COST	WEIGHTED COST %
1	Common Equity		752,091,746	46.809%	10.300%	4.821%
2	Long-Term Debt	J-3	678,454,851	42.226%	4.033%	1.703%
3	Short-Term Debt	J-2	<u>176,170,237</u>	<u>10.965%</u>	0.623%	<u>0.068%</u>
4						
5	Total Capital		<u>1,606,716,834</u>	<u>100.000%</u>		<u>6.592%</u>

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
COST OF CAPITAL SUMMARY
THIRTEEN MONTH AVERAGE BALANCE ENDING DECEMBER 31, 2022

DATA: BASE PERIOD "X" FORECASTED PERIOD
DATE OF CAPITAL STRUCTURE: END OF FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):: See Below

SCHEDULE J-1
PAGE 2 OF 2
WITNESS RESPONSIBLE:
C. BAUER

LINE NO.	CLASS OF CAPITAL	REFERENCE	13 MONTH AVG. BALANCE (\$)	% OF TOTAL	% COST	WEIGHTED COST %
1	Common Equity		861,861,344	50.695%	10.300%	5.222%
2	Long-Term Debt	J-3	794,320,510	46.721%	3.843%	1.795%
3	Short-Term Debt	J-2	<u>43,936,209</u>	<u>2.584%</u>	1.667%	<u>0.043%</u>
4						
5	Total Capital		<u>1,700,118,063</u>	<u>100.000%</u>		<u>7.06000%</u>

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
EMBEDDED COST OF LONG-TERM DEBT
AS OF AUGUST 31, 2021
(CORPORATE)

SCHEDULE J-3
PAGE 1 OF 2
WITNESS RESPONSIBLE:
C. BAUER

DATA: "X" BASE PERIOD FORECASTED PERIOD
DATE OF CAPITAL STRUCTURE: END OF BASE PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

LINE NO.	DEBT ISSUE TYPE, COUPON RATE	DATE ISSUED (DAY/MO/YR) (A)	MATURITY DATE (DAY/MO/YR) (B)	PRINCIPAL AMOUNT (C)	FACE AMOUNT OUTSTANDING (D)	UNAMORT. (DISCOUNT) OR PREMIUM (E)	UNAMORT. DEBT EXPENSE (F)	UNAMORT. LOSS ON REACQUIRED DEBT (G)	CARRYING VALUE (H=D+E-F-G)	ANNUAL INTEREST COST(*) (I)	
				(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
1	<u>Unamortized Loss on Reacquired Debt</u>										
2	7.65% due 7/15/2025							247,581	(247,581)	63,938	
3	5.5% due 1/1/2024							90,192	(90,192)	38,654	
4	6.5% due 1/15/2022							5,501	(5,501)	4,563	
5	Variable rate PCB, due 8/1/2027							92,115	(92,115)	15,569	
6											
7	<u>Other Long Term Debt</u>										
8											
9	LT Commercial Paper	0.429%	Series		25,000,000	25,000,000	-	-	25,000,000	107,290	
10	Debentures	3.860%	Series	26-Jul-06	26,720,000	26,720,000	-	117,854	26,602,146	1,051,311	
11	Debentures	0.913%	Series	03-Dec-08	50,000,000	50,000,000	-	31,046	49,968,954	642,733	
12	Debentures	6.200%	Series	10-Mar-06	65,000,000	65,000,000	(178,125)	316,433	64,821,875	4,064,049	
13	Debentures	3.420%	Series	05-Jan-16	45,000,000	45,000,000	-	104,107	44,895,893	1,562,811	
14	Debentures	4.450%	Series	05-Jan-16	50,000,000	50,000,000	-	216,082	49,783,918	2,233,866	
15	Debentures	3.350%	Series	07-Sep-17	30,000,000	30,000,000	-	83,233	29,916,767	1,015,354	
16	Debentures	4.110%	Series	07-Sep-17	30,000,000	30,000,000	-	107,960	29,892,040	1,237,146	
17	Debentures	4.260%	Series	07-Sep-17	30,000,000	30,000,000	-	112,086	29,887,914	1,281,110	
18	Debentures	4.010%	Series	03-Oct-18	25,000,000	25,000,000	-	47,021	24,952,979	1,024,657	
19	Debentures	4.180%	Series	03-Oct-18	40,000,000	40,000,000	-	111,108	39,888,892	1,687,600	
20	Debentures	4.620%	Series	12-Dec-18	35,000,000	35,000,000	-	128,697	34,871,303	1,621,716	
21	Debentures	4.320%	Series	17-Jul-19	40,000,000	40,000,000	-	182,445	39,817,555	1,734,546	
22	Debentures	3.230%	Series	26-Sep-19	95,000,000	95,000,000	-	281,834	94,718,166	3,137,521	
23	Debentures	3.660%	Series	26-Sep-19	75,000,000	75,000,000	-	270,482	74,729,518	2,703,462	
24	Debentures	2.650%	Series	15-Sep-20	35,000,000	35,000,000	-	115,050	34,884,950	940,228	
25	Debentures	3.660%	Series	15-Sep-20	35,000,000	35,000,000	-	123,205	34,876,795	1,285,243	
26											
27	MCF Fees							317,463	(317,463)	89,637	
28	LOC Fees							16,575	(16,575)	11,409	
29	Other fees (\$26.720M - remarketing, insurance, Bilateral LC)										
30											
31	<u>Current Maturities</u>										
32	Debentures	0.913%	Series	03-Dec-08		(50,000,000)		(31,046)	(49,968,954)	(642,733)	
33											
34	Totals				731,720,000	681,720,000	(178,125)	2,651,635	435,389	678,454,851	27,360,691
35											
36	Embedded Cost of Long-Term Debt (I / H)										
37										4.033%	

(*) Annualized interest cost plus (or minus) amortization of discount or premium plus amortization of issue costs minus (or plus) amortization of gain (or loss) on reacquired debt.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
EMBEDDED COST OF LONG-TERM DEBT
THIRTEEN MONTH AVERAGE BALANCE ENDING DECEMBER 31, 2022
(CORPORATE)

SCHEDULE J-3
PAGE 2 OF 2
WITNESS RESPONSIBLE:
C. BAUER

DATA: BASE PERIOD "X" FORECASTED PERIOD
DATE OF CAPITAL STRUCTURE: END OF FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

LINE NO.	DEBT ISSUE TYPE, COUPON RATE	DATE ISSUED (DAY/MO/YR) (A)	MATURITY DATE (DAY/MO/YR) (B)	PRINCIPAL AMOUNT (C)	FACE AMOUNT OUTSTANDING (D)	UNAMORT. (DISCOUNT) OR PREMIUM (E)	UNAMORT. DEBT EXPENSE (F)	UNAMORT. LOSS ON REACQUIRED DEBT (G)	CARRYING VALUE (H=D+E-F-G)	ANNUAL INTEREST COST(*) (I)	
				(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
1	<u>Unamortized Loss on Reacquired Debt</u>										
2											
3	7.65% due 7/15/2025							194,299	(194,299)	63,938	
4	5.5% due 1/1/2024							57,980	(57,980)	38,654	
5	6.5% due 1/15/2022							-	-	2,102	
6	Variable rate PCB, due 8/1/2027							82,634	(82,634)	15,569	
7											
8	<u>Other Long Term Debt</u>										
9	LT Commercial Paper	0.541%	Series		25,000,000	25,000,000	-	-	25,000,000	135,133	
10	Debentures	3.860%	Series	26-Jul-06	26,720,000	26,720,000	-	101,255	26,618,745	1,051,311	
11	Debentures	Variable	Series	03-Dec-08	50,000,000	50,000,000	-	127,000	49,873,000	681,713	
12	Debentures	6.200%	Series	10-Mar-06	65,000,000	65,000,000	(167,905)	298,278	64,533,817	4,064,049	
13	Debentures	3.420%	Series	05-Jan-16	45,000,000	45,000,000	-	84,265	44,915,735	1,562,811	
14	Debentures	4.450%	Series	05-Jan-16	50,000,000	50,000,000	-	208,694	49,791,306	2,233,866	
15	Debentures	3.350%	Series	07-Sep-17	30,000,000	30,000,000	-	74,605	29,925,395	1,015,354	
16	Debentures	4.110%	Series	07-Sep-17	30,000,000	30,000,000	-	104,505	29,895,495	1,237,146	
17	Debentures	4.260%	Series	07-Sep-17	30,000,000	30,000,000	-	109,494	29,890,506	1,281,110	
18	Debentures	4.010%	Series	03-Oct-18	25,000,000	25,000,000	-	28,558	24,971,442	1,024,657	
19	Debentures	4.180%	Series	03-Oct-18	40,000,000	40,000,000	-	98,108	39,901,892	1,687,600	
20	Debentures	4.620%	Series	12-Dec-18	35,000,000	35,000,000	-	124,767	34,875,233	1,621,716	
21	Debentures	4.320%	Series	17-Jul-19	40,000,000	40,000,000	-	176,990	39,823,010	1,734,546	
22	Debentures	3.230%	Series	26-Sep-19	95,000,000	95,000,000	-	224,317	94,775,683	3,137,521	
23	Debentures	3.560%	Series	26-Sep-19	75,000,000	75,000,000	-	242,598	74,757,402	2,703,462	
24	Debentures	2.650%	Series	15-Sep-20	35,000,000	35,000,000	-	104,443	34,895,557	940,228	
25	Debentures	3.660%	Series	15-Sep-20	35,000,000	35,000,000	-	119,670	34,880,330	1,285,243	
26	Future Debentures	3.686%	Series	15-Sep-21	50,000,000	50,000,000	-	144,817	49,855,183	1,850,351	
27	Future Debentures	3.896%	Series	15-Sep-22	70,000,000	21,538,462	-	48,166	21,490,296	841,473	
28											
29	MCF Fees						242,766	-	(242,766)	89,637	
30	LOC Fees						7,067	-	(7,067)	11,409	
31	Other fees (\$26.720M - remarketing, insurance, Bilateral LC)										
32										449,011	
33	<u>Current Maturities</u>										
34	Debentures	4.010%	Series	03-Oct-18		(5,769,231)		(4,460)	(5,764,771)	(236,459)	
35											
36	Totals				851,720,000	797,489,231	(167,905)	2,665,903	334,913	794,320,510	30,523,151
37											
38											
39	Embedded Cost of Long-Term Debt (I / H)									3.843%	

(*) Annualized interest cost plus (or minus) amortization of discount or premium plus amortization of issue costs minus (or plus) amortization of gain (or loss) on reacquired debt.

Before

KENTUCKY PUBLIC SERVICE COMMISSION

GAS CASE NO. 2021-00190

IN THE MATTER OF THE APPLICATION
OF DUKE ENERGY KENTUCKY
FOR AUTHORITY TO INCREASE
ITS RATES FOR GAS SERVICE TO ALL
JURISDICTIONAL CONSUMERS

SECTION K

SECTION K

FINANCIAL DATA

DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended August 31, 2021

Forecasted Period: Twelve Months Ended December 31, 2022

K Schedules

Page 1

Plant Data

Composite Depreciation Rates

Page 2

Capital Structure

Condensed Income Statement

Income Available for Fixed Charges

Cost of Capital

Page 3

Stock and Bond Ratings

Fixed Charge Coverage

Percentage of Construction Expenditures Financed Internally

Page 4

Common Stock Related Data

Rate of Return Measures - Return on Equity

Rate of Return Measures - Return on Total Capital

Rate of Return Measures - Return on Net Plant

Page 5

Other Financial and Operating Data - Mix of Sales

Other Financial and Operating Data - Mix of Fuel

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
COMPARATIVE FINANCIAL DATA

DATA: *X* BASE PERIOD *X* FORECASTED PERIOD
TYPE OF FILING: *X* ORIGINAL *X* UPDATED *X* REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE K
PAGE 1 OF 5
WITNESS RESPONSIBLE:
A. MOTSINGER / D. G. RAIFORD

Line No.	Description	FORECASTED PERIOD	BASE PERIOD	MOST RECENT CALENDAR YEARS										
				2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	
1	PLANT DATA (\$000 omitted): (a)													
2	Gas Plant													
3	Intangible	17,794	17,351	17,338	15,468	14,504	11,279	6,221	3,970	3,915	3,529	3,473	2,744	
4	Production-Mfg. Gas	12,921	12,950	12,940	12,670	7,747	7,820	7,820	7,569	7,793	7,809	7,136	6,229	
5	Underground Storage	-	-	-	-	-	-	-	-	-	-	-	-	
6	Storage-Local	-	-	-	-	-	-	-	-	-	-	-	-	
7	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	
8	Distribution	764,560	707,548	695,389	606,476	546,414	482,331	452,451	431,131	421,026	414,138	406,367	393,816	
9	General	14,312	14,023	14,015	13,290	11,789	1,798	1,683	3,207	3,159	3,048	3,286	3,203	
10	Total Gas Plant-Gross	809,587	751,872	739,682	647,904	580,454	503,228	468,175	445,877	435,893	428,524	420,262	405,992	
11	Less: Accum. Provision for Depr. and Amort.	211,192	202,213	193,652	176,470	171,513	165,758	156,558	152,368	142,929	134,248	125,356	118,161	
12	Gas Plant in Service-Net	598,395	549,659	546,030	471,434	408,941	337,470	311,617	293,509	292,964	294,276	294,906	287,831	
13														
14	Electric Plant													
15	Intangible	22,850	26,974	26,954	23,314	21,019	17,750	12,343	9,915	9,098	6,000	5,324	5,785	
16	Production Plant-Steam	947,579	987,490	998,936	942,588	885,448	797,504	748,258	771,471	550,669	522,424	520,107	509,889	
17	Production Plant-Hydro	-	-	-	-	-	-	-	-	-	-	-	-	
18	Production Plant-Other	396,120	384,682	358,974	357,358	310,263	308,242	290,913	290,067	287,989	284,817	281,758	277,770	
19	Transmission	103,145	97,599	94,400	65,186	58,283	57,966	55,492	55,729	51,015	44,032	39,301	29,694	
20	Distribution	629,794	611,196	591,716	530,273	484,361	453,684	426,636	414,569	392,222	382,031	369,753	353,975	
21	General	37,163	30,271	25,456	20,423	9,770	8,445	7,872	5,953	5,610	5,250	5,139	5,414	
22	Total Electric Plant-Gross	2,136,651	2,138,212	2,096,436	1,939,142	1,769,144	1,643,591	1,541,514	1,547,704	1,296,603	1,244,554	1,221,382	1,182,527	
23	Less: Accum. Provision for Depr. and Amort.	845,029	832,706	820,694	797,521	783,463	828,066	807,691	790,467	638,666	633,187	607,591	597,583	
24	Electric Plant in Service-Net	1,291,622	1,305,506	1,275,742	1,141,621	985,681	815,525	733,823	757,237	657,937	611,367	613,791	584,944	
25														
26	Common Plant													
27	Common Plant	38,631	43,854	45,373	46,026	49,780	43,854	42,694	42,816	42,789	41,257	41,731	41,143	
28	Less: Accum. Provision for Depr. and Amort.	27,133	29,050	30,397	31,252	37,585	38,204	36,759	35,358	33,825	31,539	28,705	28,537	
29	Common Plant in Service-Net	11,498	14,804	14,976	14,774	12,195	5,650	5,935	7,458	8,964	9,718	13,026	12,606	
30														
31	Plant Held for Future Use	-	-	-	-	80	70	-	-	-	-	-	-	
32														
33	Construction Work in Progress	144,528	104,481	70,446	114,642	118,766	109,390	63,833	43,361	15,303	26,970	20,861	27,612	
34														
35	Net Utility Plant	2,046,043	1,974,450	1,907,194	1,742,471	1,525,663	1,268,105	1,115,208	1,101,565	975,168	942,331	942,584	912,993	
36														
37	Composite depreciation rates:													
38	Gas (%)	N/A	N/A	2.18%	2.27%	2.28%	2.36%	2.41%	2.43%	2.42%	2.42%	2.45%	2.39%	
39	Electric (%)	N/A	N/A	2.42%	2.48%	2.22%	2.12%	2.22%	2.36%	2.39%	2.48%	2.42%	2.46%	
40	Common (%)	N/A	N/A	3.74%	3.64%	5.32%	10.04%	10.55%	5.43%	9.48%	9.14%	9.52%	9.40%	

(a) Completed Construction Not Classified is included with Plant in Service by function.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
COMPARATIVE FINANCIAL DATA

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE K
PAGE 2 OF 5
WITNESS RESPONSIBLE:
A. MOTSINGER / B. MANGES

Line No.	Description	FORECASTED PERIOD	BASE PERIOD	MOST RECENT CALENDAR YEARS										
				2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	
1	CAPITAL STRUCTURE:													
2	Long-term debt (\$000)	794,321	678,455	731,534	661,521	551,481	451,432	361,382	316,332	317,131	332,042	331,952	331,861	-
3	Preferred stock (\$000)	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Common equity (\$000)	861,861	752,092	718,237	645,094	596,224	511,414	437,015	404,432	413,256	377,954	372,885	354,664	-
5	CONDENSED INCOME STATEMENT DATA:													
6	Operating revenues (\$000,000)	498.5	482.8	445.7	478.7	488.0	429.1	440.8	466.8	488.7	443.8	427.6	458.7	-
7	Operating expenses (excluding FIT and SIT) (\$000,000)	415.5	405.6	361.5	400.2	407.5	356.2	365.8	378.1	416.6	360.5	365.8	396.3	-
9	Operating income (\$000,000)	83.0	77.2	84.2	78.5	80.5	72.9	75.0	88.7	72.1	83.3	61.8	62.4	-
10	Federal income taxes (current) (\$000,000)	4.3	6.6	2.0	(4.6)	(16.8)	(15.3)	(3.7)	1.6	(0.5)	15.1	1.4	3.7	-
11	State income taxes (current) (\$000,000)	0.1	0.6	0.3	(0.8)	(2.1)	(0.4)	(0.9)	(0.8)	1.8	1.1	3.3	1.4	-
12	Total income taxes (current) (\$000,000)	4.4	7.2	2.3	(5.4)	(18.9)	(15.7)	(4.6)	0.8	1.3	16.2	4.7	5.1	-
13	Investment tax credits - net (\$000,000)	0.0	0.0	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	-
14	AFUDC - Debt and Equity (\$000,000)	4.5	0.4	(0.1)	4.5	5.1	4.7	1.9	0.8	0.7	0.7	0.6	0.8	-
15	Other income - net (\$000,000) (a)	(27.0)	(26.0)	(26.9)	(26.4)	(24.8)	2.1	(17.3)	(15.5)	(15.9)	(14.3)	(17.2)	(12.9)	-
16	Extraordinary item (\$000,000)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
17	Net income (\$000,000)	49.8	42.4	48.1	48.9	49.8	59.4	42.6	46.2	35.3	45.1	28.2	24.3	-
18	Net income applicable to Common Stock (\$000,000)	49.8	42.4	48.1	48.9	49.8	59.4	42.6	46.2	35.3	45.1	28.2	24.3	-
19	INCOME AVAILABLE FOR FIXED CHARGES:													
20	Interest charges (\$000)	28,374	27,947	27,347	24,982	20,025	15,725	15,952	14,573	16,345	15,989	17,520	17,492	-
21	Net income before preferred dividend requirements of subsidiaries (\$000)	49,781	42,438	48,143	48,870	49,809	59,399	42,584	46,176	35,302	45,069	28,221	24,310	-
22	Preferred dividend requirements of subsidiaries (\$000)	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Cost of reacquisition of Preferred Stock (\$000)	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Earnings available for common equity (\$000)	49,781	42,438	48,143	48,870	49,809	59,399	42,584	46,176	35,302	45,069	28,221	24,310	-
25	AFUDC - % of net income before preferred dividend requirements of subsidiaries	0.09	0.01	0.00	0.09	0.10	0.08	0.04	0.02	0.02	0.02	0.02	0.03	-
26	AFUDC - % of earnings available for common equity	0.09	0.01	0.00	0.09	0.10	0.08	0.04	0.02	0.02	0.02	0.02	0.03	-
29	COST OF CAPITAL:													
30	Embedded cost of long-term debt (%)	3.84	4.03	3.55	3.88	3.74	3.46	4.15	4.12	4.66	4.49	4.51	4.33	-
31	Embedded cost of preferred stock (%)	-	-	-	-	-	-	-	-	-	-	-	-	-

(a) Includes Interest Charges and income tax on Other Income & Deductions.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
COMPARATIVE FINANCIAL DATA

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S):

SCHEDULE K
PAGE 3 OF 5
WITNESS RESPONSIBLE:
A. MOTSINGER

Line No.	Description	FORECASTED PERIOD	BASE PERIOD	MOST RECENT CALENDAR YEARS									
				2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
1	STOCK AND BOND RATINGS:												
2	ULH&P												
3	Moody's Unsecured Debt	Baa1	Baa1	Baa1	Baa1	Baa1	Baa1	Baa1	Baa1	Baa1	Baa1	Baa1	Baa1
4	S&P's Unsecured Debt	BBB+	BBB+	BBB+	A-	A-	A-	A-	A-	BBB+	BBB+	BBB+	A-
5													
6	FIXED CHARGE COVERAGE:												
7	Pre-tax interest coverage	3.00	3.30	3.12	3.15	3.79	4.28	4.45	5.81	4.26	5.23	3.42	3.48
8	Pre-tax interest coverage (excluding AFUDC)	3.02	3.39	3.11	2.99	3.57	4.02	4.37	5.75	4.22	5.19	3.40	3.44
9	After-tax interest coverage	2.64	2.85	2.76	2.81	3.20	4.35	3.47	3.99	3.04	3.67	2.53	2.30
10	Indenture provision coverage (a)	-	-	-	-	-	-	-	-	-	-	-	-
11	Fixed charge coverage	3.00	3.30	3.12	3.15	3.79	4.28	4.45	5.81	4.26	5.23	3.42	3.48
12													
13	Percentage of Construction Expenditures												
14	Financed Internally	62	62	61	42	40	60	90	73	76	91	98	(44)

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2021-00190
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SCHEDULE K
PAGE 4 OF 5
WITNESS RESPONSIBLE:
A. MOTSINGER / B. MANGES

Line No.	Description	FORECASTED PERIOD	BASE PERIOD	MOST RECENT CALENDAR YEARS										
				2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	
1	COMMON STOCK RELATED DATA:													
2	Shares outstanding - year end (000)	585	585	585	585	585	585	585	585	585	585	585	585	585
3	Shares outstanding - weighted average													
4	(monthly) (000)	585	585	585	585	585	585	585	585	585	585	585	585	585
5	Dividends Paid (\$000,000)	-	-	-	-	-	-	10	55	-	40	10	135	
6	Earnings per share - weighted average (\$)	85.1	72.54	82.3	83.54	85.14	101.54	72.79	78.93	60.35	77.04	48.24	41.56	
7	Earnings per share - weighted													
8	average - assuming dilution (\$)	85.1	72.54	82.3	83.54	85.14	101.54	72.79	78.93	60.35	77.04	48.24	41.56	
9	Dividends paid per share (\$)	N/A	N/A	0.00	0.00	0.00	0.00	17.09	94.02	0.00	68.38	17.09	230.77	
10	Dividends declared per share (\$)	N/A	N/A	0.00	0.00	0.00	0.00	17.09	94.02	0.00	68.38	17.09	230.77	
11	Dividend pay out ratio (declared basis) (%)	N/A	N/A	0%	0%	0%	0%	23%	119%	0%	89%	35%	555%	
12	Market price - High-Low (\$)													
13	1st quarter - High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
14	- Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
15	2nd quarter - High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
16	- Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
17	3rd quarter - High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
18	- Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
19	4th quarter - High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
20	- Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
21	Book value per share (year-end) (\$)	1,473.27	1,285.63	1,227.76	1,102.72	1,019.19	874.21	747.04	691.34	708.42	646.08	637.41	608.26	
22														
23	RATE OF RETURN MEASURES:													
24	Return on common equity (average) (%)	6.17	5.77	7.06	7.88	8.99	12.53	10.13	11.30	8.92	12.01	7.75	13.70	
25	Return on total capital (average) (%)	3.23	2.94	3.49	3.98	4.72	6.75	5.61	6.37	4.90	6.38	4.05	7.08	
26	Return on net plant in service (average) - Total Company %	3.68	3.62	4.34	4.66	5.42	4.76	5.50	6.03	5.43	6.39	4.98	4.16	
27	" " " " - Gas %	2.97	3.77	4.53	4.36	4.04	3.69	4.41	4.90	5.74	5.29	(0.16)	2.13	
28	" " " " - Electric %	4.02	3.56	4.26	4.79	5.99	5.22	5.95	6.50	5.28	6.92	7.48	5.16	

