

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

IN THE MATTER OF THE ADJUSTMENT  
OF ELECTRIC RATES OF DUKE ENERGY KENTUCKY, INC.

CASE NO. 2017-00321

FILING REQUIREMENTS

**VOLUME 13**

**Duke Energy Kentucky, Inc.**  
**Case No. 2017-00321**  
**Forecasted Test Period Filing Requirements**  
**Table of Contents**

<b>Vol. #</b>	<b>Tab #</b>	<b>Filing Requirement</b>	<b>Description</b>	<b>Sponsoring Witness</b>
1	1	KRS 278.180	30 days' notice of rates to PSC.	James P. Henning
1	2	807 KAR 5:001 Section 7(1)	The original and 10 copies of application plus copy for anyone named as interested party.	James P. Henning
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>	John L. Sullivan, III
1	4	807 KAR 5:001 Section 12(2)(i)	Detailed income statement and balance sheet.	David L. Doss
1	5	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.	James P. Henning

**Duke Energy Kentucky, Inc.**  
**Case No. 2017-00321**  
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<b>Vol. #</b>	<b>Tab #</b>	<b>Filing Requirement</b>	<b>Description</b>	<b>Sponsoring Witness</b>
1	6	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.	James P. Henning
1	7	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.	James P. Henning
1	8	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.	James P. Henning
1	9	807 KAR 5:001 Section 16 (1)(b)(1)	Reason adjustment is required.	James P. Henning William Don Wathen, Jr.
1	10	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.	James P. Henning
1	11	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	Bruce L. Sailors
1	12	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.	Bruce L. Sailors
1	13	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.	James P. Henning
1	14	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.	James P. Henning
1	15	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.	James P. Henning

1	16	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.	Robert H. Pratt
1	17	807 KAR 5:001 Section 16(6)(b)	Forecasted adjustments shall be limited to the twelve (12) months immediately following the suspension period.	Sarah E. Lawler Cynthia S. Lee Robert H. Pratt
1	18	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.	Sarah E. Lawler
1	19	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.	Robert H. Pratt
1	20	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.	Robert H. Pratt
1	21	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.	Sarah E. Lawler
1	22	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	23	807 KAR 5:001 Section 16(7)(b)	Most recent capital construction budget containing at minimum 3 year forecast of construction expenditures.	Robert H. Pratt Joseph A. Miller Anthony J. Platz
1	24	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.	Robert H. Pratt
1	25	807 KAR 5:001 Section 16(7)(d)	Annual and monthly budget for the 12 months preceding filing date, base period and forecasted period.	Robert H. Pratt
1	26	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.	James P. Henning

1	27	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.	Robert H. Pratt Joseph A. Miller Anthony J. Platz
1	28	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.	Robert H. Pratt Joseph A. Miller Anthony J. Platz
1	29	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.	Robert H. Pratt John Verderame John L. Sullivan, III Benjamin Passty
1	30	807 KAR 5:001 Section 16(7)(i)	Most recent FERC or FCC audit reports.	David L. Doss
2	31	807 KAR 5:001 Section 16(7)(j)	Prospectuses of most recent stock or bond offerings.	John L. Sullivan, III
2	32	807 KAR 5:001 Section 16(7)(k)	Most recent FERC Form 1 (electric), FERC Form 2 (gas), or PSC Form T (telephone).	David L. Doss
3-4	33	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.	John L. Sullivan, III
5	34	807 KAR 5:001 Section 16(7)(m)	Current chart of accounts if more detailed than Uniform System of Accounts charts.	David L. Doss
5	35	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.	David L. Doss

5	36	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.	David L. Doss Robert H. Pratt
6-8	37	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.	David L. Doss
9	38	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.	David L. Doss
9	39	807 KAR 5:001 Section 16(7)(r)	Quarterly reports to the stockholders for the most recent 5 quarters.	John L. Sullivan
9	40	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
9	41	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	Sarah E. Lawler
9	42	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	43	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

11	44	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.	N/A
11	45	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.	Sarah E. Lawler
11	46	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.	Sarah E. Lawler Cynthia S. Lee Robert H. Pratt Lisa M. Bellucci James E. Ziolkowski David L. Doss
11	47	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.	Sarah E. Lawler
11	48	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.	Sarah E. Lawler Cynthia S. Lee Robert H. Pratt James E. Ziolkowski
11	49	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.	Lisa M. Bellucci
11	50	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.	Sarah E. Lawler
11	51	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.	Sarah E. Lawler Tom Silinski
11	52	807 KAR 5:001 Section 16(8)(h)	Computation of gross revenue conversion factor for forecasted period.	Sarah E. Lawler
11	53	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.	David L. Doss Robert H. Pratt

11	54	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.	John L. Sullivan, III
11	55	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.	Cynthia S. Lee Robert H. Pratt John L. Sullivan David L. Doss
11	56	807 KAR 5:001 Section 16(8)(l)	Narrative description and explanation of all proposed tariff changes.	Bruce L. Sailors
11	57	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.	Bruce L. Sailors
11	58	807 KAR 5:001 Section 16(8)(n)	Typical bill comparison under present and proposed rates for all customer classes.	Bruce L. Sailors
11	59	807 KAR 5:001 Section 16(10)	Request for waivers 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.	Legal
11	60	807 KAR 5:001 Section (17)(1)	(1) Public postings. (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. (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: 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. (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.	James P. Henning



11	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"> <li>1. Including notice with customer bills mailed no later than the date the application is submitted to the commission;</li> <li>2. Mailing a written notice to each customer no later than the date the application is submitted to the commission;</li> <li>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</li> <li>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.</li> </ol> <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>	James P. Henning
11	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>	James P. Henning

11	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 <a href="http://psc.ky.gov">http://psc.ky.gov</a>;</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>	Bruce L. Sailors
11	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.	N/A
12	-	807 KAR 5:001 Section 16(8)(a) through (k)	Schedule Book (Schedules A-K)	Various
13	-	807 KAR 5:001 Section 16(8)(l) through (n)	Schedule Book (Schedules L-N)	Bruce L. Sailors

14	-	-	Work papers	Various
15	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 1 of 6)	Various
16	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 2 of 6)	Various
17	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 3 of 6)	Various
18	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 4 of 6)	Various
19	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 5 of 6)	Various
20	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 6 of 6)	Various
20	-	KRS 278.2205(6)	Cost Allocation Manual	Legal

Before

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC CASE NO. 2017-00321

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

# SCHEDULES L - N

L

Before

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC CASE NO. 2017-00321

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

SECTION L

SECTION L

RATES AND TARIFFS

DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended November 30, 2017

Forecasted Period: Twelve Months Ended March 31, 2019

Schedules

- L Narrative Rationale for Tariff Changes
- L-1 Clean Copy of Proposed Rate Schedules
- L-2.1 Copy of Present Rate Schedules
- L-2.2 Scored Copy of Proposed Rate Schedules

DUKE ENERGY KENTUCKY  
CASE NO. 2017-00321  
NARRATIVE RATIONALE FOR TARIFF CHANGES (SCHEDULE L)  
ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED SCHEDULE L  
TYPE OF FILING: X ORIGINAL      UPDATED      REVISED      PAGE      1      OF      15       
WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: B. Sallers

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**GENERAL STATEMENT OF PROPOSAL**

This schedule reflects the narrative tariff rationale used to generate the revenue requirement by class as determined by the Company's cost of service study. The overall increase is approximately 15.0%. Each rate is then designed to reflect the results of the cost of service study following a 10.0% reduction of subsidy excess revenues. The Applicable Riders section in each Sheet, where needed, is updated.

**FORMAT DESCRIPTION:**

**RATE IDENTIFIER:** *Name of Rate/Regulation Change* **TYPE:** *Rate Type Detail*  
*(Change Identifiers)*

Explanation of Proposal:

Short description of the change(s).

Rationale:

Additional detail on the change(s).

Location Reference:

(1) Sheet Number of change and the changed pages from Schedule L2:2

**RATE IDENTIFIER:** **Service Regulations** **TYPE:** **Section V – Metering**  
**(T)**

Explanation of Proposal:

Language is generalized on the Hi-Lo review process so Company can incorporate more of Customer's past usage data as available into the review process.

Rationale:

As Company develops better, more robust review processes based on Customer's past usage data available, the Hi-Lo review process can be adaptable.

Location Reference:

(1) Sheet No. 24, Page 1 of 1

**RATE IDENTIFIER:** **Service Regulations** **TYPE:** **Section VI – Billing and**  
**Payment,**  
**(T)**

Explanation of Proposal:

Language is revised to accommodate the proposed Fixed Bill customer payment option.

Rationale:

The Fixed Bill payment option to reduce Customer monthly bill variation is included in Section VI.7 which discusses the Company's Budget Billing payment option. In addition, a sentence is added to Section VI.6 to allow a Customer to terminate participation in a rate schedule at



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ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED  
TYPE OF FILING:  ORIGINAL  UPDATED  REVISED PAGE 2 OF 15 SCHEDULE L  
WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: B. Sailors

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Company's option if they meet early termination provisions. Company adds this language in case a Customer enrolls in the Fixed Bill customer option and subsequently decides they wish to return to their previous rate schedule.

Location Reference:

(1) Sheet No. 25, Pages 2 and 3 of 3

**RATE IDENTIFIER: Appendix A**

**TYPE: Example Bill (T)**

Explanation of Proposal:

The example bill image is revised to reflect proposed new rider additions and changes.

Rationale:

The appendix to the Company's service regulations, an example bill image, is revised to reflect updated Company logo and proposed riders.

Location Reference:

(1) Service Regulations, Appendix A, Pages 1 and 2 of 3

**RATE IDENTIFIER: Rate RS, Residential Service**

**TYPE: Domestic; Flat (D,I,N,T)**

Explanation of Proposal:

A typical residential customer using 1,000 kWh a month will see an increase of 17.1%. The increase is based upon the revenue requirement established by the cost of service study. The sheet's applicable rider list is also updated.

Rationale:

The customer charge is increased 149% to better reflect the customer related fixed cost to serve. This change better aligns price signals with cost causation. The energy charge recovers the remaining cost of service revenue requirement.

Location Reference:

(1) Sheet No. 30, Page 1 of 2

**RATE IDENTIFIER: Rate DS, service at Secondary  
Distribution Voltage**

**TYPE: Non-residential; Flat (D,I,N,T)**

Explanation of Proposal:

An overall increase of 14.7% is proposed to Rate DS to recover the allocated increase from the cost of service study. Cost of service study allocated increases for Rate DS, EH, and GS-FL are summed and distributed proportionally so these schedules receive a similar increase.

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ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED  
TYPE OF FILING: X ORIGINAL \_\_\_\_\_ UPDATED \_\_\_ REVISED PAGE 3 OF 15 SCHEDULE L  
WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: B. Sailors

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Rationale:

The customer charge has been increased by 129% to better reflect the customer related fixed cost to serve. This change better aligns price signals with cost causation. The energy and demand charges are increased proportionally to recover the remaining cost of service revenue requirement. The sheet's applicable rider list is updated.

Location Reference:

(1) Sheet No. 40, Page 1 and 2 of 4

**RATE IDENTIFIER: Rate DT, Time-of-Day Rate for Service At Distribution Voltage**      **TYPE: Non-residential; Time-of-Day**      **(D,I,N,T)**

Explanation of Proposal:

An overall increase of 13.8% is proposed to Rate DT to recover the allocated increase from the cost of service study.

Rationale:

The customer charge has been increased from \$7.50 to \$200 for single phase service, from \$15.00 to \$400 for three phase service, and from \$100 to \$465 for primary service to better reflect the customer related fixed cost to serve. This change better aligns price signals with cost causation. The energy and demand charges are increased proportionally to recover the remaining cost of service revenue requirement. In addition, language referencing an expired pilot program has been removed. The sheet's applicable rider list is also updated.

Location Reference:

(1) Sheet No. 41, Pages 1 through 3 of 4

**RATE IDENTIFIER: Rate EH, Optional Rate for Electric Space Heating**      **TYPE: Seasonal; Flat**      **(D,I,N,T)**

Explanation of Proposal:

An overall increase of 14.7% is proposed to Rate EH to recover the allocated increase from the cost of service study. Cost of service study allocated increases for Rate DS, EH, and GS-FL are summed and distributed proportionally so these schedules receive a similar increase.

Non-heating usage will continue to be billed at the applicable distribution rate.

Rationale:

Customer charges for single phase and three phase customers increase 129% and for primary service customers increase 19% to better reflect the customer related fixed cost to serve. This change better aligns price signals with cost causation. Given the ties between DS and EH customers, the DS customer charges are applied to the EH schedule except for primary service

DUKE ENERGY KENTUCKY  
CASE NO. 2017-00321  
NARRATIVE RATIONALE FOR TARIFF CHANGES (SCHEDULE L)  
ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED  
TYPE OF FILING:  ORIGINAL  UPDATED  REVISED PAGE 4 OF 15 SCHEDULE L  
WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: B. Sailors

---

which references rate DP customer charge. The energy charge is increased to recover the remaining cost of service revenue requirement. The sheet's applicable rider list is also updated.

Location Reference:

(1) Sheet No. 42, Page 1 of 2

**RATE IDENTIFIER: Rate SP, Seasonal Sports Service**                      **TYPE: Seasonal; Flat**                      **(D,I,N,T)**

Explanation of Proposal:

An overall increase of 11.6% is proposed to Rate SP to recover the allocated increase from the cost of service study.

Rationale:

Customer charges increase 129% to better reflect the customer related fixed cost to serve. This change better aligns price signals with cost causation. The energy charge is increased to recover the remaining cost of service revenue requirement. The sheet's applicable rider list is also updated.

Location Reference:

(1) Sheet No. 43, Page 1 of 2

**RATE IDENTIFIER: Rate GS-FL, General Service Rate for Small Fixed Loads**                      **TYPE: Flat Rate**                      **(D,I,N,T)**

Explanation of Proposal:

An overall increase of 14.7% is proposed to Rate GS-FL to recover the allocated increase from the cost of service study. Cost of service study allocated increases for Rate DS, EH, and GS-FL are summed and distributed proportionally so these schedules receive a similar increase.

Rationale:

All charges in the rate are increased to maintain the same percentage of revenue recovery as under current rates. This sheet's applicable rider list is also updated.

Location Reference:

(1) Sheet No. 44, Pages 1 of 2

**RATE IDENTIFIER: Rate DP, Service at Primary Distribution Voltage**                      **TYPE: Non-residential; Flat (D,I,N,T)**

Explanation of Proposal:

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An overall increase of 18.1% is proposed to Rate DP to recover the allocated increase from the cost of service study.

Rationale:

The customer charge is increased by 19% to better reflect the customer related fixed cost to serve. This change better aligns price signals with cost causation. The demand and energy charges are increased proportional to maintain the same relative percentage of revenue recovery as under current rates. This sheet's applicable rider list is also updated.

Location Reference:

(1) Sheet No. 45, Page 1 and 2 of 3

**RATE IDENTIFIER: Rate TT, Time-of-Day Rate for Service At Transmission Voltage**      **TYPE: Large Power Time-of-Day**      **(D,I,N,T)**

Explanation of Proposal:

An overall increase of 11.1% is proposed to Rate TT to recover the allocated increase from the cost of service study. In addition, the energy price is separated into an on-peak and off-peak price for summer and winter similar to the design of Rate DT.

Rationale:

The customer charge is increased by 0%. The total energy charge is adjusted to provide the same relative percentage of revenue recovery as experienced with current rates. The on-peak and off-peak energy charge is adjusted to the same price ratio as Rate DT. The distribution demand charges are increased to recover the remaining cost of service revenue requirement; recovering the same relative percentage as current rates. This sheet's applicable rider list is also updated..

Location Reference:

(1) Sheet No. 51, Page 1 and 2 of 3

**RATE IDENTIFIER: Rider GSS, Generation Support Service Rider**      **TYPE: Demand Rider**      **(I,T)**

Explanation of Proposal:

New rider rates from cost of service study.

Rationale:

Charges related to costs imposed on the Company through the reservation of capacity for Customers.

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(1) Sheet No. 58, Page 1 of 3

**RATE IDENTIFIER: Rate RTP-M** **TYPE: Real Time Pricing (D,T)**

Explanation of Proposal:

This tariff is cancelled and withdrawn.

Rationale:

The RTP-M rate option has not been utilized by customers since its inception nor does it align with the generation status of Company which has changed since this rate option was introduced.

Location Reference:

(1) Sheet No. 59, All Pages

**RATE IDENTIFIER: Rate SL, Street Lighting Service** **TYPE: Flat Rate (D,I,N,T)**

Explanation of Proposal:

An increase of 11.8% is proposed for all charges to Rate SL to recover the allocated increase from the cost of service study.

Rationale:

The increase is based on the overall average lighting class increase over base revenue. This sheet's applicable rider list is also updated.

Location Reference:

(1) Sheet No. 60, Pages 2 thru 7 of 8

**RATE IDENTIFIER: Rate TL, Traffic Lighting Service** **TYPE: Flat Rate (D,I,N,T)**

Explanation of Proposal:

An increase of 11.8% is proposed for all charges to Rate TL to recover the allocated increase from the cost of service study.

Rationale:

The increase is based on the overall average lighting class increase over base revenue. This sheet's applicable rider list is also updated.

Location Reference:

(1) Sheet No. 61, Page 1 of 2

DUKE ENERGY KENTUCKY  
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**RATE IDENTIFIER: Rate UOLS, Unmetered Outdoor Lighting Electric Service**      **TYPE: Flat Rate**      **(D,I,N,T)**

Explanation of Proposal:

An increase of 11.8% is proposed for all charges to Rate UOLS to recover the allocated increase from the cost of service study.

Rationale:

The increase is based on the overall average lighting class increase over base revenue. This sheet's applicable rider list is also updated.

Location Reference:

(1) Sheet No. 62,      Pages 1 and 2 of 2

**RATE IDENTIFIER: Rate LED, LED Outdoor Lighting Service**      **TYPE: Flat Rate**      **(N)**

Explanation of Proposal:

New rate schedule applicable to LED (Light Emitting Diode) technology lighting fixtures.

Rationale:

Addresses the increasingly prevalent use of LED technology in outdoor lighting.

Location Reference:

(1) Sheet No. 64,      All Pages

**RATE IDENTIFIER: Rate OL, Outdoor Lighting Service**      **TYPE: Flat Rate**      **(D,T)**

Explanation of Proposal:

This rate is cancelled and withdrawn.

Rationale:

Rate OL has terminated as previously approved. All remaining participants are moved to UOLS and as applicable OL-E.

Location Reference:

(1) Sheet No. 65,      All Pages

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WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: B. Sallers

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**RATE IDENTIFIER: Rate NSU, Street Lighting Service for Non-Standard Units**      **TYPE: Flat Rate**      **(D,I,N,T)**

Explanation of Proposal:

An increase of 11.8% is proposed for all charges to Rate NSU to recover the allocated increase from the cost of service study.

Rationale:

The increase is based on the overall average lighting class increase over base revenue. This sheet's applicable rider list is also updated.

Location Reference:

(1) Sheet No. 66,      Pages 1 and 2 of 3

**RATE IDENTIFIER: Rate NSP, Private Outdoor Lighting Service for Non-Standard Units**      **TYPE: Flat Rate**      **(D,T)**

Explanation of Proposal:

This rate is cancelled and withdrawn.

Rationale:

Rate NSP has terminated as previously approved. All remaining participants are moved to UOLS and as applicable OL-E.

Location Reference:

(1) Sheet No. 67,      All Pages

**RATE IDENTIFIER: Rate SC, Street Lighting Service - Customer Owned**      **TYPE: Flat Rate**      **(D,IN,T)**

Explanation of Proposal:

An increase of 11.8% is proposed for all charges to Rate SC to recover the allocated increase from the cost of service study.

Rationale:

The increase is based on the overall average lighting class increase over base revenue. This sheet's applicable riders list is also updated.

Location Reference:

(1) Sheet No. 68,      Pages 1 thru 3 of 4

DUKE ENERGY KENTUCKY  
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**RATE IDENTIFIER: Rate SE, Street Lighting Service - Overhead Equivalent**      **TYPE: Flat Rate**      **(D,I,N,T)**

Explanation of Proposal:

An increase of 11.8% is proposed for all charges to Rate SE to recover the allocated increase from the cost of service study.

Rationale:

The increase is based on the overall average lighting class increase over base revenue. This sheet's applicable riders list is also updated.

Location Reference:

(1) Sheet No. 69,      Page 2 of 3

**RATE IDENTIFIER: Rider LM, Load Management Rider**      **TYPE: Demand Rider**      **(D,T)**

Explanation of Proposal:

Section I and II are combined to simplify the tariff since the Company no longer uses magnetic tape recording device meters.

Rationale:

Duke Energy Kentucky no longer uses magnetic tape recording device meters. Therefore, Section I and II are combined.

Location Reference:

(1) Sheet No. 73,      Page All Pages

**RATE IDENTIFIER: Rider ESM, Environmental Surcharge Mechanism Rider**      **TYPE: Environmental Cost (N) Rider**

Explanation of Proposal:

As more fully explained by Duke Energy Kentucky Witness William Don Wathen Jr., Duke Energy Kentucky is seeking to implement an environmental surcharge mechanism (Rider ESM) to recover incremental environmental expenses above what is recovered in base rates. It is my understanding based upon advice of counsel that this mechanism is allowable under Kentucky Revised Statutes 278.183. The Company is requesting to establish the rider in this case and set the mechanism at zero as part of this case. The Company will then activate the rider to commence recovery of incremental environmental compliance costs for the projects approved and costs incurred as part of the Company's Environmental Compliance Plan beginning April 1, 2018.



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Rationale:

As more fully explained by Duke Energy Kentucky Witness William Don Wathen Jr., Duke Energy Kentucky is seeking to implement an environmental surcharge mechanism (Rider ESM) to recover incremental environmental expenses above what is recovered in base rates. It is my understanding based upon advice of counsel that this mechanism is allowable under Kentucky Revised Statutes 278.183.

Location Reference:

(1) Sheet No. 76, Page All Pages

**RATE IDENTIFIER: Rider FAC, Fuel Adjustment Clause      TYPE: Fuel Rider      (T)**

Explanation of Proposal:

Duke Energy Kentucky proposes to change Rider FAC as described in witness John Swez testimony to include certain fuel related expenses.

Rationale:

Refer to witness John Swez testimony for detail related to the proposed changes to this rider.

Location Reference:

(1) Sheet No. 80, Page 1 of 2 .

**RATE IDENTIFIER: Rider PSM, Off-System Sales Profit      TYPE: Rider      (D,I,N,T)  
Sharing Mechanism**

Explanation of Proposal:

Duke Energy Kentucky proposes to change Rider PSM as described in witness Don Wathan's testimony altering the structure of the profit/loss sharing and the items included in the rider.

Rationale:

Refer to witness Don Wathan testimony for detail related to the proposed changes to this rider.

Location Reference:

(1) Sheet No. 82, Page 1 through 3 of 3

**RATE IDENTIFIER: Charge for Reconnection of Service      TYPE: Service Regulations, Section  
I, Company's Right to Cancel Service  
Agreement or to Suspend Service  
(I,N,T)**

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Explanation of Proposal:

Company proposes changes to reconnection charges reflecting actual costs of reconnecting service.

Rationale:

Charges reflect the actual cost for Company to reconnect service. Where charges are specified that include the reconnection of gas service, Company maintains the cost differential from the previous tariff.

Location Reference:

(1) Sheet No. 91, Page 1 of 2

**RATE IDENTIFIER: Rate DPA, Rate for Distribution Pole Attachments (formerly Rate CATV)**      **TYPE: Flat Rate**      **(I,T)**

Explanation of Proposal:

Duke Energy Kentucky proposes to rename Rate CATV, Rate for Pole Attachments of Cable Television Systems, to Rate DPA, Rate for Distribution Pole Attachments. Per foot rates are revised for pole attachments according to the calculations specified by the Commission.

Rationale:

Duke Energy Kentucky proposes a rate name change to broaden the rate to recognize other attachments to distribution poles such as wireless facilities. Company maintains the calculations specified by the Commission to calculate rates for two-user and three-user situations.

Location Reference:

(1) Sheet No. 92, Page 1 through 3 and 5 of 6

**RATE IDENTIFIER: Cogeneration and Small Power Production Sale and Purchase 100 kW or Less**      **TYPE: Cogeneration Rate**      **(R,N,T)**

Explanation of Proposal:

Company proposes to revise the Energy Purchase Rate consistent with avoided cost and to provide a standard contract rate for energy purchase. Company also proposes a new Capacity Purchase Rate added consistent with avoided cost.

Rationale:

The Energy and Capacity Purchase Rates are set to provide standard contract rates for small power production of 100 kW or less. The energy purchase rate is a 2-year average PJM LMP value. The capacity purchase rate is calculated from Company's last IRP filing. Text is added to describe factors related to Company purchase of capacity as established by the Commission.

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Location Reference:

(1) Sheet No. 93, Page 2 of 2

**RATE IDENTIFIER: Cogeneration and Small Power  
Production Sale and Purchase  
Greater Than 100 kW**      **TYPE: Cogeneration Rate (N,T)**

Explanation of Proposal:

Company proposes a new Capacity Purchase Rate consistent with avoided cost.

Rationale:

The capacity purchase rate is calculated from Company's last IRP filing. Text is added to describe factors related to Company purchase of capacity as established by the Commission.

Location Reference:

(1) Sheet No. 94, Page 2 of 2

**RATE IDENTIFIER: Rate UDP-R, Underground Residential  
Distribution Policy**      **TYPE: Flat Rate (T)**

Explanation of Proposal:

In Sheet No. 96, Underground Residential Distribution Policy (Rate UDP-R), Company adds text to create the ability for Company to pay for and own, with revenues to be recovered in Rider DCI, underground installations associated with the Targeted Undergrounding program discussed in Duke Energy Kentucky witnesses William Don Wathen Jr. and Tony Platz's testimony.

Rationale:

In Sheet No. 96, Underground Residential Distribution Policy (Rate UDP-R), Company adds text to create the ability for Company to pay for and own, with revenues to be recovered in Rider DCI, underground installations associated with the Targeted Undergrounding program discussed in Duke Energy Kentucky witnesses William Don Wathen Jr. and Tony Platz's testimony.

Location Reference:

(1) Sheet No. 96, Page 1 and 2 of 5

**RATE IDENTIFIER: Rate UDP-G, General Underground  
Distribution Policy**      **TYPE: Flat Rate (T)**

Explanation of Proposal:

DUKE ENERGY KENTUCKY  
CASE NO. 2017-00321  
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ELECTRIC SERVICE

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WORK PAPER REFERENCE NO(S): See Data Reference

SCHEDULE L  
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WITNESS RESPONSIBLE: B. Sallers

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In Sheet No. 97, General Underground Distribution Policy (Rate UDP-G), Company adds text to create the ability for Company to pay for and own, with revenues to be recovered in Rider DCI, underground installations associated with the Targeted Undergrounding program discussed in Duke Energy Kentucky witnesses William Don Wathen Jr. and Tony Platz's testimony.

Rationale:

In Sheet No. 97, General Underground Distribution Policy (Rate UDP-G), Company adds text to create the ability for Company to pay for and own, with revenues to be recovered in Rider DCI, underground installations associated with the Targeted Undergrounding program discussed in Duke Energy Kentucky witnesses William Don Wathen Jr. and Tony Platz's testimony.

Location Reference:

(1) Sheet No. 97, Page 1 and 2 of 4

**RATE IDENTIFIER: Electricity Emergency Procedures For Long Term Fuel Shortages**      **TYPE: Emergency Procedures**      (T)

Explanation of Proposal:

Company removes a reference to Duke Energy Ohio being the supplier of energy to Duke Energy Kentucky.

Rationale:

Duke Energy Ohio is no longer the wholesale energy provider to Duke Energy Kentucky.

Location Reference:

(1) Sheet No. 98, Page 2 of 6

**RATE IDENTIFIER: Rate RTP**      **TYPE: Real Time Pricing**      (I,T)

Explanation of Proposal:

Company proposes to combine the Energy Delivery Charge and Ancillary Services Charge and use information from the cost of service study to calculate the revised charge. In addition, several text changes are made.

Rationale:

Company proposes to combine and revise the Energy Delivery Charge and Ancillary Services Charges, using values from the cost of service study. In addition, several text changes are made including the specification of the correct rates in the loss adjustment factors section and a correction of a reference to the Real-Time PJM LMP to the correct reference of Day-ahead PJM LMP. The applicable rider list is also revised.

Location Reference:

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(1) Sheet No. 99, Page 1 through 3 of 4

**RATE IDENTIFIER: Emergency Electric Procedures**                      **TYPE: Emergency Procedures (T)**

Explanation of Proposal:

Company revises the Emergency Electric Procedures to eliminate references to ECAR and MISO replacing them with ReliabilityFirst and PJM respectively.

Rationale:

Company revises the Emergency Electric Procedures to eliminate outdated references to ECAR and MISO replacing them with ReliabilityFirst and PJM respectively.

Location Reference:

(1) Sheet No. 100, Pages 1, 6, and 7 of 7

**RATE IDENTIFIER: Rate MDC, Meter Data Charge for Enhanced Usage Data Services**                      **TYPE: Flat Rate (T)**

Explanation of Proposal:

Company proposes to update the description of the service offered through Rate MDC.

Rationale:

With the pending implementation of smart meters, Company clarifies that Rate MDC is for non-residential customers and revises the name of the service from EnFocus to Energy Profiler Online (EPO) to deliver meter data services to participants.

Location Reference:

(1) Sheet No. 101, Page 1 of 1

**RATE IDENTIFIER: Rider DCI, Distribution Capital Investment Rider**                      **TYPE: Rider (N)**

Explanation of Proposal:

As more fully explained in Witness William Don Wathan, Jr. testimony, Duke Energy Kentucky is proposing to implement a discrete cost adjustment mechanism, Rider DCI, the Distribution Capital Investment rider. This rider would recover the ongoing incremental capital investments for specific Commission-approved distribution modernization and reliability maintenance or improvement programs.

Rationale:

DUKE ENERGY KENTUCKY  
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As more fully explained in Witness William Don Wathan, Jr. testimony, Duke Energy Kentucky is proposing to implement a discrete cost adjustment mechanism, Rider DCI, the Distribution Capital Investment rider. This rider would recover the ongoing incremental capital investments for specific Commission-approved distribution modernization and reliability maintenance or improvement programs.

Location Reference:

(1) Sheet No. 125, All Pages

**RATE IDENTIFIER: Rider FTR, FERC Transmission Cost Reconciliation Rider**      **TYPE: Rider**      **(N)**

Explanation of Proposal:

As more fully explained by Duke Energy Kentucky Witness William Don Wathen Jr., Duke Energy Kentucky is proposing to implement a discrete cost adjustment mechanism, RIDER FTR, the FERC Transmission Cost Reconciliation Rider, that would allow recovery of certain ongoing incremental costs for specific transmission related items.

Rationale:

As more fully explained by Duke Energy Kentucky Witness William Don Wathen Jr., Duke Energy Kentucky is proposing to implement a discrete cost adjustment mechanism, RIDER FTR, the FERC Transmission Cost Reconciliation Rider, that would allow recovery of certain ongoing incremental costs for specific transmission related items. As explained by Mr. Wathen, Duke Energy Kentucky is proposing to make annual adjustment and true-up filings with this Commission through a process modeled after Duke Energy Kentucky's recently approved Accelerated Service Line Replacement Program (Rider ASRP) for its natural gas operations.

Location Reference:

(1) Sheet No. 126, All Pages

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

(T)

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20	Service Regulations	Set of rules and regulations of the Company for providing electric service as approved by the Kentucky Public Service Commission.
30	Residential Service	Tariffs available to residential customers unless the customer is provided three phase service.
40	Distribution Voltage Service	Tariffs available, principally, to non-residential customers receiving service at 34,500 volts or lower; available to residential customers who request either three phase service or a second point of service.
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90	Miscellaneous	Miscellaneous periodic charges not reflected in standard service tariffs.

\* To determine applicability, available tariff and Company's Service Regulations and other rules and regulations should be reviewed and discussed with the Company.

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, 2017 in Case No. 2017-00321.

(T)

(T)

Issued: September 1, 2017

Effective: October 1, 2017

(T)

(T)

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erfanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Sixty-Sixth Revised Sheet No. 10 (T)  
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Commission dated\_\_\_\_, 2017 in Case No. 2017-00321.

Issued: September 1, 2017  
Effective: October 1, 2017  
Issued by: James P. Henning, President



Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Sixty-Sixth Revised Sheet No. 10 (T)  
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**SERVICE REGULATIONS**

**SECTION I - SERVICE AGREEMENTS**

**1. Application for Service.**

When a prospective customer desires electric service, an oral application may be accepted by the Company. However, a written application may be required in special circumstances (e.g., the necessity of using special apparatus in providing the requested service).

**2. Customer's Right to Cancel Service Agreement or to Suspend Service.**

Except as otherwise provided in the Service Agreement, Rate Schedules or elsewhere in these Service Regulations, Customer may give Company ten days notice of desire to cancel the Service Agreement whenever he no longer requires any electric service for the purpose mentioned in said Agreement. Company will accept such notice as a cancellation of the Service Agreement upon being satisfied that Customer no longer requires any such service.

**3. Company's Right to Cancel Service Agreement or to Suspend Service.**

Company, in addition to all other legal remedies, shall terminate the Service Agreement, refuse or discontinue service to an applicant or customer, after proper notice for any of the following reasons:

- (a) Default or breach of these Service Regulations, after having made a reasonable effort to obtain customer compliance.
- (b) Non-payment of bills when due.
- (c) Theft, fraudulent representation or concealment in relation to the use of electricity.
- (d) Use of electricity, by the customer, in a manner detrimental to the service rendered others.
- (e) Upon the basis of a lawful order of the Kentucky Public Service Commission, the State of Kentucky or any governmental subdivision thereof having jurisdiction over the premise.
- (f) When a customer or applicant refuses or neglects to provide reasonable access to the premise.

When a dangerous condition is found to exist on the customer's or applicant's premises, the electric service shall be disconnected without notice, or application for service refused. The Company shall notify the customer or applicant within twenty-four (24) hours of such action, in writing, of the reasons for the discontinuance or refusal of service and the corrective action to be taken by the applicant or customer before service can be restored.

If discontinuance is for non-payment of bills, the customer shall be given at least ten (10) days written notice, separate from the original bill, and cut-off shall be effected not less than twenty-seven (27) days after the mailing date of the original bill unless, prior to discontinuance, a residential customer presents to the utility a written certificate, signed by a physician, registered nurse, or public health officer, that such discontinuance will aggravate an existing illness or infirmity on the affected premises, in which case discontinuance may be effected not less than thirty (30) days from the termination date, in writing, of state and federal programs which may be available to aid in payment of bills and the office to contact for such possible assistance.

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**SECTION I - SERVICE AGREEMENTS (Contd.)**

Whenever a residential customer receiving both gas and electric has received a termination of service notice, the customer shall be given the option to pay for and continue receipt of one utility service only. The Company shall offer extended payment arrangements for the service designated by the customer. If both the gas and electric service of a residential customer have been previously discontinued for non-payment, the Company shall reconnect either service upon payment by the customer of the total amount owed on the service designated by the customer to be reconnected, except as provided in 807 KAR 5:006, Section 15, Winter Hardship Reconnection.

**4. Connection of Service.**

Except as provided in SECTION 15 of the Kentucky Public Service Commission's regulations, the Company shall reconnect existing service within twenty-four (24) hours, and shall install and connect new service within seventy-two (72) hours, when the cause for discontinuance or refusal of service has been corrected and the Company's tariffed rules and the Commission's regulations have been met.

**5. Change of Address to Customer.**

When Customer changes his address he should give notice thereof to Company prior to the date of change. Customer is responsible for all service supplied to the vacated premises until such notice has been received and Company has had a reasonable time, but not less than three days, to discontinue service.

If Customer moves to an address at which he requires electric service for any purposes specified in his Service Agreement, and at which address Company has such service available under the same Rate Schedule, the notice is considered as Customer's request that Company transfer such service to the new address, but if Company does not have such service available at the new address the old Service Agreement is considered cancelled. If Company does have service available at the new address to which a different Rate Schedule applies, a new Service Agreement including the applicable Rate Schedule is offered to Customer. Company makes transfer of service as promptly as reasonably possible after receipt of notice.

**6. Successors and Assigns.**

The benefits and obligations of the Service Agreement shall inure to and be binding upon the successors and assigns, survivors and executors of administrators, as the case may be, of the original parties thereto, for the full term thereof; provided that no assignment hereof shall be made by Customer without first obtaining Company's written consent.

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**SECTION II - SUPPLYING AND TAKING OF SERVICE**

**1. Supplying of Service.**

Service is supplied only under and pursuant to these Service Regulations and any modifications or additions thereto lawfully made, and such applicable Rate Schedules and Riders as may from time to time be lawfully fixed. Service is supplied under a given Rate Schedule only at such points of delivery as are adequate and suitable, as to capacity and voltage, for the service desired; otherwise special agreements between Customer and Company may be required.

Service will not be supplied or continued to any premises if the applicant or customer is indebted to the Company for service previously supplied at the same or any other premises until payment of such indebtedness shall have been made. Unpaid balances of previously rendered Final Bills may be transferred to any account for which the customer has responsibility and may be included on initial or subsequent bills for the account to which the transfer was made. Such transferred Final Bills, if unpaid, will be a part of the past due balance of the account to which they are transferred and will be subject to the Company's collection and disconnection procedures. Final Bills may be transferred regardless of whether they are for combination gas and electric or gas only or electric only charges. The Company shall have the right to transfer Final Bills between residential and commercial with residential characteristics (e.g., service supplying common use facilities of any apartment building) revenue classifications.

Notwithstanding the provisions of 807 KAR 5:006, Section 15, Winter Hardship Reconnection to the Contrary, service will not be supplied or continued to any premises if at the time of application for service the applicant is merely acting as an agent of a present or former customer who is indebted to the Company for service previously supplied at the same or other premises until payment of such indebtedness shall have been made. Service will not be supplied where the applicant is a partnership or corporation whose general partner or controlling stockholder is a present or former customer who is indebted to the Company for service previously supplied at the same premises until payment of such indebtedness shall have been made.

**2. Information Relative to Service.**

Information relative to the service that will be supplied at a given location should be obtained from Company. Company will not be responsible for mistakes of any kind resulting from information given orally. Such information must be confirmed in writing.

**3. Continuity of Service.**

The Company shall make reasonable provisions to supply satisfactory and continuous electric service, but does not guarantee a constant or uninterrupted supply of electricity and shall not be liable for any damage or claim of damage attributable to any interruption or reversal of service caused by unavoidable accident or casualty, extraordinary action of the elements, action of any governmental authority, litigation, or by any cause which the Company could not have reasonably foreseen and made provision against.

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**SECTION II - SUPPLYING AND TAKING OF SERVICE (Contd.)**

**4. Suspension of Service for Repairs and Changes.**

When necessary to make repairs to or changes in Company's plant, generating equipment, transmission or distribution system, or other property, Company may without incurring any liability therefor, suspend service for such periods as may be reasonably necessary, and in such manner as not to inconvenience Customer unnecessarily.

**5. Use of Service.**

Service is supplied directly to Customer through Company's own meter and is to be used by Customer only for the purposes specified in and in accordance with the provisions of the Service Agreement and applicable Rate Schedule. Service is for Customer's use only and under no circumstances may Customer or Customer's agent or any other individual, association or corporation install meters for the purpose of remetering or reselling or otherwise disposing of service supplied Customer except as follows:

- (a) If on November 10, 1953, Customer was engaged in resale under a rate which permitted resale, the Company will continue to furnish electricity for resale at the same premises under the applicable effective rate schedule only on the condition that any charge made by Customer for service resold shall not exceed the charge determined in accordance with Company's applicable rate, as in effect from time to time, for like service, until and unless otherwise ordered by the Kentucky Public Service Commission.
- (b) Customer operating an automobile trailer camp, with consent of Company may install meters and resell electricity to individual trailers only on the same condition in respect to charges as stated in paragraph (a), above.

Customer will not build lines across or under a street, alley, lane, court or avenue or other public or private space in order to obtain service for adjacent property through one meter even though such adjacent property be owned by Customer. Consent may be given when such adjacent properties are operated as one integral unit under the same name and for carrying on parts of the same business.

In case of unauthorized remetering, sale, extension or other disposition of service, Company may immediately discontinue the supplying of service to Customer until such unauthorized act is discontinued and full payment is made for all service supplied or used, billed on proper classification and Rate Schedule, and reimbursement in full made to Company for all extra expenses incurred, including expenses for clerical work, testing and inspections.

No other electric light or power service, shall, except under a contract for auxiliary or supplementary service, be used by Customer on the same installation in conjunction with Company's service, either by means of a "Throwover" switch or any other connection.

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**SECTION II - SUPPLYING AND TAKING OF SERVICE (Contd.)**

**6. Customer's Responsibility.**

Customer assumes all responsibility on Customer's side of the point of delivery (the end of the Company's service drop, or where Company's wires are joined to Customer's wires or apparatus) for the service supplied or taken, as well as for the electrical installation, appliances and apparatus used in connection therewith, and will save Company harmless from and against all claims for injury or damage to persons or property occasioned by or in any way resulting from such service or the use thereof on Customer's side of the point of delivery.

**7. Right-of-Way.**

Customer is responsible for all conveyances to Company for all right-of-way satisfactory to it across the property owned or controlled by Customer for Company's lines or extensions thereof necessary or incidental to the supplying of service to Customer, or customers beyond Customer's property when such rights are limited to installations along dedicated streets and roads.

**8. Access to Premises.**

The properly authorized agents of the Company shall at all reasonable hours have free access to the premises for the purpose of inspecting the Customer's installation and of examining, repairing or removing the Company's meters, or other property, reading of meters and all other purposes incident to the supplying of service, and for such purpose the Customer authorizes and requests his landlord, if any, to permit such access to the premises.

**9. Location of Customer's Service Terminals.**

Customer's service terminals are to be located at a point readily accessible to Company's service mains, such point to be determined by Company.

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**SECTION III - CUSTOMER'S INSTALLATIONS**

**1. Nature and Use of Installation.**

All wiring and other electrical equipment in the premises or connecting the premises with Company's service, furnished by the Customer, shall be suitable for the purposes thereof, and shall be maintained by Customer at all times in conformity with the safety requirements of the accredited agency having jurisdiction and with the rules, regulations and requirements of Company in force from time to time.

**2. Low Power Factor Equipment Installation.**

In the case of neon lamps, mercury vapor lamps, and other gaseous tube lamps or devices, motors and other equipment having low power factors, served under the Company's standard rate schedules, not having Power Factor Correction Provision, the Customer will be required to provide at his own expense power factor corrective equipment designed to increase the power factor of any such lamps or devices, motors and other equipment to not less than .85.

When the power factor of any such equipment on the Customer's premises is less than .85, the following provision will apply:

- (a) When the billing demand is determined by estimate based on the connected load of the Customer's installation, the wattage of such equipment will be taken as the volt ampere input or rating of such equipment.
- (b) When the billing demand is measured by demand instruments, to the demand so established will be added the difference between the rating in watts of such equipment, and the input or rating of such equipment in volt amperes.

**3. Special Power Apparatus.**

In the case of hoists, elevators, welding machines or other installations, where the use of electricity is intermittent or subject to violent fluctuations, Company reserves the right to use the input rating or the metered instantaneous demand of such equipment under maximum operating conditions, for billing purposes, or to require the Customer to provide at his own expense, suitable equipment to reasonably limit such intermittence or fluctuation.

**4. Changes in Installations.**

As Company's service drops, transformers, meters, and other facilities used in supplying service to Customer have a limited capacity, Customer should give notice to Company, and obtain Company's consent, before making any material changes or increases in his installation. Company as promptly as possible after receipt of such notice will give its written approval to the proposed change or increase, or will advise Customer upon what conditions service can be supplied for such change or increase. Any change affecting an estimated billing demand shall be rerated by Company's inspector and shall become effective from the succeeding meter reading.

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#### SECTION IV - COMPANY'S INSTALLATION

##### 1. Installation and Maintenance.

Except as otherwise provided in these Service Regulations, in Service Agreements or Rate Schedules, Company will install and maintain its lines and equipment on its side of the point of delivery, but shall not be required to install or maintain any lines or equipment, except meters, or transformers, on Customer's side of the point of delivery without cost to Customer. Only Company's agents are authorized to connect Company's service drop to Customer's service terminals.

Company installs its overhead service drop, supplies one set of service drop attachment fittings and makes connection to Customer's service terminals.

The rates for each class of service provided for in the Rate Schedules contemplate the furnishing of service to one location or premise through one standard service connection. Where Customer is receiving service through more than one standard service connection, Company will calculate and render a separate bill for service furnished through each service connection.

Subject to the rules, conditions and riders covering the installation of service connections and extensions, Company will make one standard service connection to Customer's installation; if three phase service is required an additional connection is necessary, both will be considered as one standard service connection.

##### 2. Company's Property and Protection Thereof.

All meters, and equipment furnished by and at the expense of Company, which may at any time be in said premises, shall, unless otherwise provided herein, be and remain the property of Company, and Customer shall protect such property from loss or damage, and no one who is not an agent of Company shall be permitted to remove or handle same.

##### 3. Relocation of Facilities

When a customer or private party requests the Company to relocate the Company's facilities or a customer's service entrance wiring, such requesting party shall pay all expenses related to such relocation.

When the Company relocates its facilities or a customer's service entrance wiring at the request of a governmental entity (or Administrating Agency) and if the relocation was related to a project financed through transportation improvement district funding, joint economic development district funding, tax increment funding, or similar quasi-public funding, then the governmental entity (or Administrating Agency) shall pay for the cost of relocating Company's facilities in direct proportion to the contributions received from the other funding sources.

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**SECTION V - METERING**

**1. Installation of Meters.**

Electricity will be measured by a meter or meters to be installed by Company upon Customer's premises at a point most convenient for Company's service drop, and upon the registration of said meter or meters all bills will be calculated. Company will install upon customer's premises but one meter or one unified set of meters of each standard service connection.

**2. Meter Tests.**

All meter tests shall be made in accordance with rules by the Kentucky Public Service Commission.

Upon written request by customer, the Company shall perform a meter test if the request is not made more frequently than once a year.

**3. Monitoring of Customer Usage.**

Each month the Company will monitor the usage of each customer according to the following procedure:

1. The customer's monthly usage is monitored through a "hi-lo" review process that will incorporate customer past usage and other related information to provide an expected level of usage. (T)
2. If there is a substantial difference between the actual and estimated usages, the account will be reviewed manually to determine the appropriate usage level. (T)
3. Where the difference is not otherwise explained, the Company may obtain a special meter read to verify the accuracy of the previous usage.
4. Where the difference is still unexplainable after taking the special meter read, the Company may test the customer's meter to determine its accuracy.
5. The Company will notify the customer of the investigation, its findings, and any refund or back billing to be made, in accordance with 807 KAR 5:006, Section 10 (4) and (5).

In addition to the monthly monitoring, the Company will immediately investigate the usage deviations brought to its attention as a result of its on-going meter reading or billing processes or customer inquiry.

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## SECTION VI - BILLING AND PAYMENT

### 1. Billing Periods - Time and Place for Payment of Bills.

Bills ordinarily are rendered regularly at monthly intervals, but may be rendered more or less frequently at Company's option. Bills may be rendered by hand delivery, mail, electronically, or by any other reasonable means. If bills are rendered electronically then a charge not to exceed \$0.25 per usage may be assessed. Non-receipt of bills by customer does not release or diminish the obligation of Customer with respect to payment thereof.

The word "month" as it pertains to the supply of service shall mean the period of approximately thirty days between meter readings as fixed and made by Company. Meters are ordinarily read at monthly intervals but may be read more or less frequently at Company's option but no less than quarterly. Company shall have the right to establish billing districts for the purpose of reading meters and rendering bills to customers at various dates. A change or revision of any Rate Schedule shall be applicable to all bills on which the initial monthly meter reading was taken on or after the effective date of such change or revision, except as otherwise ordered by the Kentucky Public Service Commission.

Bills are due on the date indicated thereon as being the last date for payment of the net amount, or as otherwise agreed to, and bills are payable only at the Company's offices or authorized agencies for collection. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5% is due and payable. If a partial payment is made, the amount will be applied to items of indebtedness in the same order as they have accrued, except that any payment received shall first be applied to the bill for service rendered.

The Company may issue interim bills based on average normal usage instead of determining actual usage by reading the meter. Interim bills may also be used when access to Company's meter cannot be obtained or emergency conditions exist.

### 2. Information on Customer Bills.

Every bill rendered by the Company for metered service will clearly state:

- (a) The beginning and ending meter readings for the billing period and the dates thereof.
- (b) The amount of energy usage.
- (c) The amount due for the energy used, any adjustments, including assessed late payment charges, and the gross amount of the bill.
- (d) The rate code under which the customer is billed.
- (e) The date of the last day payment can be made without a late payment charge being assessed.
- (f) Any previous balance.
- (g) The address, phone number, and business hours of the Company.
- (h) The date of the next scheduled meter reading.
- (i) The date after which received payments are not reflected in the bill.
- (j) The type of service rendered (gas or electric).
- (k) The amount, and identification, of any tax or fee the Company is authorized either by state law or order of the Commission to collect.

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**SECTION VI - BILLING AND PAYMENT (Contd.)**

**3. Charge for Restoring Service for Non-Payment of Bill and Unlawful Use of Service.**

Company may charge and collect in advance the sum as specified on Tariff Sheet "Charge for Reconnection of Service" for reconnecting a customer's service after service is disconnected because of non-payment of bill when due or when service is discontinued because of fraudulent use, except as may be provided by 807 KAR 5:006, Section 15, Winter Hardship Reconnection.

**4. Temporary Discontinuance of Service.**

If any customer on a residential rate, because of absence or otherwise, shall notify Company in writing or by telephone to discontinue service, Company will make no minimum charge for any full meter reading period during the period of discontinuance; provided, however, that Company may charge and collect the sum as specified on Tariff Sheet "Charge for Reconnection of Service" prior to reconnecting a service which was discontinued at customer's request within the preceding twelve months.

**5. Selection of Rate Schedule.**

When a prospective customer makes application for service, Company will, upon request, assist in the selection of the Rate Schedule most favorable to customer or the service requested. The selection will be based on the prospective customer's statement as to the class of service desired, the amount and manner of use, and any other pertinent information.

**6. Change to Optional Rate Schedule.**

A customer being billed under one of two or more optional Rate Schedules applicable to his class of service may elect to be billed on any other applicable Rate Schedule by notifying Company in writing, and Company will bill customer under such elected Schedule from and after the date of the next meter reading. However, a customer having made such a change of Rate Schedule may not make another such change within the next twelve months. At the Company's option, Company may allow another such change within the next twelve months if customer complies with applicable early termination provisions specified in the Rate Schedule. (T)  
(T)

**7. Availability of Budget Billing and Fixed Bill. (T)**

Company has available to its customers a "Budget Billing Plan" and a Fixed Bill payment option which reduce and minimize billing amount fluctuations over a twelve month period. The Company may exercise discretion as to the availability of such plans to a customer based on reasonable criteria, including but not limited to: (T)  
(T)  
(T)

- (a) Customer's recent payment history.
- (b) The amount of the delinquent account.
- (c) Customer's payment performance in respect to any prior arrangements or plans.
- (d) Any other relevant factors concerning the circumstances of the customer including health and age.

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4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Third Revised Sheet No. 25 (T)  
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**SECTION VI - BILLING AND PAYMENT (Contd.)**

If the customer fails to pay bills as rendered under the Budget Payment Plan or Fixed Bill rate schedule, the Company reserves the right to revoke the plan, restore the customer to regular billing and require immediate payment of any deficiency. (T)

Failure to receive a bill in no way exempts customer from the provisions of these terms and conditions.

**8. Partial payment Plans.**

The Company shall negotiate and accept reasonable partial payment plans at the request of residential customers who have received a termination notice according to the regulations governing failure to pay, except the Company shall not be required to negotiate a partial payment plan with a customer who is delinquent under a previous payment plan.

**9. Bill Format.**

The Company has included as Appendix A to these Service Regulations an example of the Company's customer bill format.

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## SECTION VII - DEPOSITS

### 1. Deposits.

The Company may require a minimum cash deposit or other guaranty to secure payment of bills except for customers qualifying for service reconnection pursuant to 807 KAR 5:006, Section 15, Winter Hardship Reconnection. Service may be refused or discontinued for failure to pay the requested deposit. Interest, as prescribed by KRS 278.460, will be paid annually either by refund or credit to the customer's bill.

The deposit may be waived by the Company upon a customer's showing of satisfactory credit or payment history, and required residential service deposits will be returned after one (1) year if the customer has established a satisfactory payment record for that period; but commercial deposits will be retained during the entire time that the account remains active. If a deposit has been waived or returned and the customer fails to maintain a satisfactory payment record, a deposit may then be required. The Company may require a deposit in addition to the initial deposit if the customer's classification of service changes or if there is a substantial change in usage. Upon termination of service, the deposit, any principal amounts, and any interest earned and owing will be credited to the final bill with any remainder refunded to the customer.

In determining whether a deposit will be required or waived, information such as the following may be considered:

1. Previous history with the Company. If the customer has no previous history with the Company, statements from other utilities, banks, etc. may be presented by the customer as evidence of good credit.
2. Whether the customer has filed bankruptcy proceedings within the last seven years.
3. Whether another customer with a good payment history is willing to sign as a guarantor for an amount equal to the required deposit.

A security deposit will be required pursuant to 11 U.S.C. Section 366 in all bankruptcies where the Company is listed as a creditor.

If a deposit is held longer than 18 months, the deposit will be recalculated at the customer's request based on the customer's actual usage. If the deposit on account differs from the recalculated amount by more than \$10.00 for a residential customer or 10 percent for a non-residential customer, the Company may collect any underpayment and shall refund any overpayment by check or credit to the customer's bill. No refund will be made if the customer's bill is delinquent at the time of the recalculation.

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**SECTION VII - DEPOSITS (Contd.)**

**2. All Calculated Deposits.**

Customer deposits shall be based upon actual usage of the customer at the same or similar premises for the most recent 12-month period, if such information is available. If usage information is not available, the deposit will be based on the average bills of similar customers and premises in the system. The deposit amount shall not exceed two-twelfths ( $2/12$ ) of the customer's actual or estimated annual bill.

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## SECTION VIII - APPLICATION

### 1. Application of Service Regulations and Rate Schedules.

All Service Agreements at present in effect or that may be entered into in the future are made expressly subject to these Service Regulations and any modifications hereof that may be lawfully made, and subject to all applicable existing Rate Schedules and any lawfully made change therein, substitutions therefore or additions thereto.

### 2. Agents Cannot Modify Agreement.

No agent has the right to amend, modify or alter the application, rates terms, conditions, rules or regulations as filed with the Kentucky Public Service Commission, or to make any promise or representation not contained in the Company's schedules, supplements thereto and revisions thereof, lawfully filed with said commission.

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## RATE RS

### RESIDENTIAL SERVICE

#### APPLICABILITY

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

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

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

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

Computed in accordance with the following charges:

1. Base Rate
  - (a) Customer Charge \$11.22 per month (I)
  - (b) Energy Charge
 

All kilowatt hours	\$0.083908 per kWh	(I)
--------------------	--------------------	-----
  
2. Applicable Riders
 

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

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider	(N)
Sheet No. 78, Rider DSMR, Demand Side Management Rider	
Sheet No. 80, Rider FAC, Fuel Adjustment Clause	
Sheet No. 82, Rider PSM, Profit Sharing Mechanism	
Sheet No. 125, Rider DCI, Distribution Capital Investment Rider	(N)
Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider	(N)

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

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Witness Responsible: Bruce Sailors

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4580 Olympic Blvd.  
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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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**RATE DS**

**SERVICE AT SECONDARY DISTRIBUTION VOLTAGE**

**APPLICABILITY**

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

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, and all applicable riders, shall not exceed \$0.271528 per kilowatt-hour (kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh): (I)

1. Base Rate

(a) Customer Charge per month			
Single Phase Service	\$ 17.14	per month	(I)
Three Phase Service	\$ 34.28	per month	(I)
(b) Demand Charge			
First 15 kilowatts	\$ 0.00	per kW	
Additional kilowatts	\$ 8.73	per kW	(I)
(c) Energy Charge			
First 6,000 kWh	\$0.091917	per kWh	(I)
Next 300 kWh/kW	\$0.056425	per kWh	(I)
Additional kWh	\$0.046204	per kWh	(I)

2. Applicable Riders

- The following riders are applicable pursuant to the specific terms contained within each rider:
- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider (N)
  - Sheet No. 78, Rider DSMR, Demand Side Management Rider
  - Sheet No. 80, Rider FAC, Fuel Adjustment Clause
  - Sheet No. 82, Rider PSM, Profit Sharing Mechanism
  - Sheet No. 125, Rider DCI, Distribution Capital Investment Rider (N)
  - Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider (N)

The minimum charge shall be the Customer Charge shown above.  
For customers receiving service under the provisions of former Rate C, Optional Rate for Churches, as of June 25, 1981, the maximum monthly rate per kilowatt-hour shall not exceed \$0.166694 per kilowatt (I)

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**NET MONTHLY BILL (Cont'd)**

hour plus all applicable riders.

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

**METERING**

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

**DEMAND**

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

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

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

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

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

**POWER FACTOR ADJUSTMENT**

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

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

- a. Continuous measurement
  - the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or

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**POWER FACTOR ADJUSTMENT (Cont'd)**

b. Testing

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

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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

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

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

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**RATE DT**

**TIME-OF-DAY RATE FOR SERVICE AT DISTRIBUTION VOLTAGE**

**APPLICABILITY**

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

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

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

1. Base Rate

(a) Customer Charge			
Single Phase	\$200.00	per month	(I)
Three Phase	\$400.00	per month	(I)
Primary Voltage Service	\$465.00	per month	(I)
(b) Demand Charge			
Summer			
On Peak kW	\$ 14.39	per kW	(I)
Off Peak kW	\$ 1.30	per kW	(I)
Winter			
On Peak kW	\$ 13.62	per kW	(I)
Off Peak kW	\$ 1.30	per kW	(I)
(c) Energy Charge			
Summer On Peak kWh	\$0.049875	per kWh	(I)
Winter On Peak kWh	\$0.047612	per kWh	(I)
Off Peak kWh	\$0.040844	per kWh	(I)

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2. Applicable Riders

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider (N)
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- Sheet No. 125, Rider DCI, Distribution Capital Investment Rider (N)
- Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider (N)

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

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

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

**RATING PERIODS**

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

- a) On Peak Period  
Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays.  
Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.
- b) Off Peak Period - All hours Monday through Friday not included above plus all day Saturday and Sunday, as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day and Christmas Day on the day nationally designated to be celebrated as such.

**METERING**

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

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

First 1,000 kW of On Peak billing demand at \$0.73 per kW. (I)  
Additional kW of On Peak billing demand at \$0.56 per kW. (I)

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**DEMAND**

The On Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the on peak rating period adjusted for power factor as provided herein. The Off Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the off peak rating period adjusted for power factor minus the On Peak billing demand. In no case shall the Off Peak billing demand be less than zero.

**POWER FACTOR ADJUSTMENT**

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

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

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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

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

For purposes of the administration of this rate, the Company will determine the customer's average monthly demand based upon the twelve months ending December of each year after the applicable term of service has been fulfilled by the customer. If the customer's demand is less than 500 kilowatts and the Company expects the customer's demand to remain below 500 kilowatts, then the Company will notify the customer prior to May of the succeeding year that the provisions of Rate DS, Service at Secondary Distribution Voltage or Rate DP, Service at Primary Distribution Voltage shall be applicable initiating with

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the June revenue month billing and shall continue until the term of service of that rate is fulfilled. In the case where a customer's average demand is estimated by the Company to be significantly greater than 500 kilowatts, the Company may, at its discretion, waive the twelve month demand history requirement in the determination of the applicability of this rate.

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

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## RATE EH

### OPTIONAL RATE FOR ELECTRIC SPACE HEATING

#### APPLICABILITY

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

#### TYPE OF SERVICE

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

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#### NET MONTHLY BILL

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

##### A. Winter Period

##### 1. Base Rate

##### (a) Customer Charge

Single Phase Service

\$ 17.14 per month

(I)

Three Phase Service

\$ 34.28 per month

(I)

Primary Voltage Service

\$ 118.78 per month

(I)

##### (b) Energy Charge

All kWh

\$0.069947 per kWh

(I)

##### 2. Applicable Riders

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

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

(N)

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

Sheet No. 125, Rider DCI, Distribution Capital Investment Rider

(N)

Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider

(N)

The minimum charge shall be the Customer Charge stated above.

#### NET MONTHLY BILL (Contd.)

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**B. Summer Billing Period**

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

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

**DEMAND**

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

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, 2017 in Case No. 2017-00321.

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Issued by James P. Henning, President

(T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 43 (T)  
Cancels and Supersedes  
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Page 1 of 2

**RATE SP**

**SEASONAL SPORTS SERVICE**

**APPLICABILITY**

Applicable to electric service required for sports installations, such as football and baseball fields, swimming pools, tennis courts, and recreational areas, promoted, operated and maintained by non-profit organizations, such as schools, churches, civic clubs, service clubs, community groups, and municipalities, where such service is separately metered and supplied at one point of delivery, except, not applicable to private sports installations which are not open to the general public. This rate is available only to customers to whom service was supplied in accordance with its terms on June 25, 1981.

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

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

1. Base Rate
  - (a) Customer Charge \$17.14 per month (I)
  - (b) Energy Charge \$0.106568 per kWh (I)
2. Applicable Riders

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

  - Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider (N)
  - Sheet No. 78, Rider DSMR, Demand Side Management Rider
  - Sheet No. 80, Rider FAC, Fuel Adjustment Clause
  - Sheet No. 82, Rider PSM, Profit Sharing Mechanism
  - Sheet No. 125, Rider DCI, Distribution Capital Investment Rider (N)
  - Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider (N)

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

**RECONNECTION CHARGE**

A charge of \$25.00 is applicable to each season to cover in part the cost of reconnection of service.

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

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Commission dated \_\_\_\_\_, 2017 in Case No. 2017-00321. (T)

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(T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

**TERMS AND CONDITIONS**

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

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

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## RATE GS-FL

### OPTIONAL UNMETERED GENERAL SERVICE RATE FOR SMALL FIXED LOADS

#### APPLICABILITY

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

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

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

##### 1. Base Rate

- (a) For loads based on a range of 540 to 720 hours use per month of the rated capacity of the connected equipment \$0.092698 per kWh (I)
- (b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment \$0.106767 per kWh (I)

##### 2. Applicable Riders

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider (N)
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- Sheet No. 125, Rider DCI, Distribution Capital Investment Rider (N)
- Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider (N)

Minimum: \$3.14 per Fixed Load Location per month. (I)

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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**SERVICE PROVISIONS**

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

**TERM OF SERVICE**

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

**SERVICE REGULATIONS**

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

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**RATE DP  
SERVICE AT PRIMARY DISTRIBUTION VOLTAGE**

**APPLICABILITY**

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

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

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, electric fuel component charges and DSM Charge shall not exceed \$0.286198 per kilowatt-hour (Kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

## 1. Base Rate

(a) Customer Charge				
Primary Voltage Service (12.5 or 34.5 kV)	\$	118.78	per month	(I)
(b) Demand Charge				
All kilowatts	\$	8.40	per kW	(I)
(c) Energy Charge				
First 300 kWh/kW	\$0.060595		per kWh	(I)
Additional kWh	\$0.051267		per kWh	(I)

## 2. Applicable Riders

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

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider	(N)
Sheet No. 78, Rider DSMR, Demand Side Management Rider	
Sheet No. 80, Rider FAC, Fuel Adjustment Clause	
Sheet No. 82, Rider PSM, Profit Sharing Mechanism	
Sheet No. 125, Rider DCI, Distribution Capital Investment Rider	(N)
Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider	(N)

The minimum charge shall be the Customer Charge shown above.

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**PRIMARY VOLTAGE METERING DISCOUNT**

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

**DEMAND**

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

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

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

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

**POWER FACTOR ADJUSTMENT**

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

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

a. Continuous measurement

- the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or

b. Testing

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

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4580 Olympic Blvd.  
Erlanger, KY 41018

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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

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

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

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

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**RATE TT**

**TIME-OF-DAY RATE FOR SERVICE AT TRANSMISSION VOLTAGE**

**APPLICABILITY**

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

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

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

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

1. Base Rate			
(a) Customer Charge	\$ 500.00	per month	
(b) Demand Charge			
Summer			
On Peak kW	\$ 8.46	per kW	(I)
Off Peak kW	\$ 1.28	per kW	(I)
Winter			
On Peak kW	\$ 6.95	per kW	(I)
Off Peak kW	\$ 1.28	per kW	(I)
(c) Energy Charge			
Summer			
On Peak kWh	\$ 0.054454	per kWh	(N)
Off Peak kWh	\$ 0.044594	per kWh	(N)
Winter			
On Peak kWh	\$ 0.051983	per kWh	(N)
Off Peak kWh	\$ 0.044594	per kWh	(N)

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**NET MONTHLY BILL (Contd.)**

2. Applicable Riders

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

- Sheet No. 76, Rider ESM, Economic Surcharge Mechanism Rider (N)
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider (N)

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

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

**RATING PERIODS**

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

- a) On Peak Period  
Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays.  
Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.
- b) Off Peak Period - all hours Monday through Friday not included above plus all day Saturday and Sunday as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day on the day nationally designated to be celebrated as such.

**METERING**

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

**DEMAND**

The On Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the on peak rating period adjusted for power factor as provided herein. The Off Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the off peak rating period adjusted for power factor minus the On Peak billing demand. In no case shall the Off Peak billing demand be less than zero.

**POWER FACTOR ADJUSTMENT**

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

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

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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

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

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

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Witness Responsible: Bruce Sailors

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Third Revised Sheet No. 58 (T)  
Cancels and Supersedes  
Second Revised Sheet No. 58 (T)  
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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

**RIDER GSS  
GENERATION SUPPORT SERVICE**

**APPLICABILITY**

Applicable to any general service customer having generation equipment capable of supplying all or a portion of its power requirements for other than emergency purposes and who requests supplemental, maintenance or backup power.

**TYPE OF SERVICE**

Service will be rendered in accordance with the specifications of the Company's applicable distribution voltage service or transmission voltage service tariff schedules.

**NET MONTHLY BILL**

The provisions of the applicable distribution service or transmission service tariff schedule and all applicable riders shall apply to Supplemental Power Service, Maintenance Power Service and Backup Power Service except where noted otherwise. The monthly Administrative Charge and the Monthly Reservation Charges as shown shall apply only to Maintenance Power Service and Backup Power Service.

- 1. Administrative Charge  
The Administrative Charge shall be \$50 plus the appropriate Customer Charge.
- 2. Monthly Transmission and Distribution Reservation Charge (T)
  - a. Rate DS - Secondary Distribution Service \$4.8466 per kW (I)
  - b. Rate DT - Distribution Service \$5.9992 per kW (I)
  - c. Rate DP - Primary Distribution Service \$6.1484 per kW (I)
  - d. Rate TT - Transmission Service \$2.9666 per kW (I)

- 3. Supplemental Power Service  
The customer shall contract with the Company for the level of demand required for Supplemental Power Service. All Supplemental Power shall be billed under the terms and charges of the Company's applicable full service tariff schedules. All power not specifically identified and contracted by the customer as Maintenance Power or Backup Power shall be deemed to be Supplemental Power.

- 4. Maintenance Power Service  
**Requirements -**  
The customer shall contract with the Company for the level of demand required for Maintenance Power. The contracted level of Maintenance Power shall be the lesser of: 1) the transmission and/or distribution capacity required to serve the contracted load; or, 2) the demonstrated capacity of the customer's generating unit(s) for which Maintenance Power is required. The customer's Maintenance Power requirements for each generating unit must be submitted to the Company at least sixty (60) days prior to the beginning of each calendar year. Within thirty (30) days of such submission, the Company shall respond to the customer either approving the Maintenance Power schedule or requesting that the customer reschedule those Maintenance Power requirements. For each generating unit, the customer may elect Maintenance Power Service for up to thirty (30) days in any twelve month period with no more than two (2) days consecutively during the summer billing periods of June through September and those must be during the Company's off-peak periods. The customer may request an adjustment to the previously agreed upon Maintenance Power schedule up to three weeks prior to the scheduled maintenance dates. The adjusted dates must be within one (1) week of the previously scheduled dates and result in a scheduled outage of the same seasonal and diurnal characteristics as the previously scheduled maintenance outage. The Company shall respond to the customer's request for an adjustment within one (1) week of that request. The Company may cancel a scheduled Maintenance Power period, with reason, at any time with at least seven (7) days notice to the

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customer prior to the beginning of a scheduled maintenance outage if conditions on the Company's electrical system warrant such a cancellation. Any scheduled Maintenance Power period cancelled by the Company shall be rescheduled subject to the mutual agreement of the Company and the customer.

**Billing –**

All power supplied under Maintenance Power Service shall be billed at the applicable rate contained in the Company's full service tariff schedules except for the following modifications: 1) the demand ratchet provision of the Company's full service tariff schedules shall be waived; and 2) the demand charge for Generation shall be fifty (50) percent of the applicable full service tariff Generation demand charge prorated by the number of days that Maintenance Power is taken.

**5. Backup Power Service Requirements –**

The customer shall contract with the Company for the level of demand required for Backup Power. The contracted level of Backup Power shall be the lesser of: 1) the transmission and/or distribution capacity required to serve the contracted load; or, 2) the demonstrated capacity of the customer's generating unit(s) for which Backup Power is required. The customer shall notify the Company by telephone within one-hour of the beginning and end of the outage. Within 48 hours of the end of the outage, the customer shall supply written notice to the Company of the dates and times of the outage with verification that the outage had occurred.

**Billing –**

All Backup Power will be billed at the applicable rate contained in the Company's full service tariff schedules except for the following modifications: 1) the demand ratchet provision, if any, of the Company's full service tariff schedules is waived; and 2) the demand charge for Generation shall be the applicable full service tariff schedule Generation demand charge as shown in Appendix A prorated by the number of days that Backup Power is taken, except that where some of the customer's load requirement for Backup Power and Supplemental Power is 5 MW or greater and such requirement represents new load for ULH&P subsequent to January 1, 2002, the customer's generation charge for energy and demand shall be based on the provisions of Rate RTP-M, Sheet No. 59.

**NET MONTHLY BILL (Contd.)**

**6. Monthly Reservation Charges**

The Monthly Distribution Reservation Charge, Monthly Transmission Reservation Charge and the Monthly Ancillary Services Charge items shown above shall be based on the greater of the contracted demand for Maintenance Power or Backup Power.

**METERING**

Recording meters, as specified by the Company, shall be installed where necessary, at the customer's expense. All metering equipment shall remain the property of the Company.

**DEFINITIONS**

Supplemental Power Service – a service which provides distribution and/or transmission capacity to the customer as well as the energy requirements for use by a customer's facility in addition to the electric power which the customer ordinarily generates on its own.

Maintenance Power Service – a contracted service which provides distribution and/or transmission capacity as well as the energy requirements for use by the customer during scheduled outages or interruptions of the customer's own generation.

Backup Power Service – a contracted service which provides distribution and/or transmission capacity as well as the energy requirements for use by the customer to replace energy generated by the customer's own generation during an unscheduled outage or other interruption on the part of the customer's own generation.

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**TERMS AND CONDITIONS**

The term of contract shall be for a minimum of five (5) years.

The customer shall be required to enter into a written Service Agreement with the Company which shall specify the type(s) of service required, notification procedures, scheduling, operational requirements, the amount of deviation from the contract demand to provide for unavoidable generation fluctuations resulting from normal mechanical factors and variations outside the control of the customer and the level of demand and energy required.

The customer is required to adhere to the Company's requirements and procedures for interconnection as set forth in the Company's publication, "System Protection Requirements & Guidelines for Connection & Parallel Operation of Non-Utility Generators" which is provided to customers requesting service under this rider.

The cost of any additional facilities associated with providing service under the provisions of this rider shall be borne by the customer.

Changes in contracted demand levels may be requested by the customer once each year at the contract anniversary date. This request shall be made at least thirty (30) days in advance of the contract anniversary date.

The Company may enter into special agreements with customers which may deviate from the provisions of this rider. Such agreements shall address those significant characteristics of service and cost which would influence the need for such an agreement.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, 201\_ in Case No. 2017-00321. (T)  
(T)

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Issued: September 1, 2017 Effective: October 1, 2017 (T)

Issued by James P. Henning, President (T)

Witness Responsible: Bruce Sailors

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY. P.S.C. Electric No. 2 (T)  
Fourth Revised Sheet No. 59  
Cancels and Supersedes (T)  
Third Revised Sheet No. 59  
Page 1 of 1

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**RATE RTP - M  
REAL TIME PRICING – MARKET-BASED PRICING**

**THIS SHEET IS CANCELLED AND WITHDRAWN**

(T)

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, 201\_ in Case No. 2017-00321.

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(T)  
(T)

Issued: September 1, 2017

Effective: October 1, 2017

(T)

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 60 (T)  
Cancels and Supersedes  
Seventh Revised Sheet No. 60 (T)  
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**RATE SL**

**STREET LIGHTING SERVICE**

**APPLICABILITY**

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

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities, or this rate schedule terminates, whichever occurs first.

**TYPE OF SERVICE**

All equipment owned by the Company will be installed and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

**NET MONTHLY BILL**

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

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 60 (T)  
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Seventh Revised Sheet No. 60 (T)  
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**NET MONTHLY BILL (Contd.)**

1. Base Rate

<u>OVERHEAD DISTRIBUTION AREA</u>	Lamp		Annual		
Fixture Description	<u>Watt</u>	<u>kW/Unit</u>	<u>kWh</u>	<u>Rate/Unit</u>	
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	\$ 7.96	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6.65	(I)
10,000 lumen	250	0.275	1,144	\$ 9.19	(I)
21,000 lumen	400	0.430	1,789	\$12.30	(I)
Metal Halide					
14,000 lumen	175	0.193	803	\$ 7.96	(I)
20,500 lumen	250	0.275	1,144	\$ 9.19	(I)
36,000 lumen	400	0.430	1,789	\$12.30	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 8.81	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6.61	(I)
16,000 lumen	150	0.171	711	\$ 9.60	(I)
22,000 lumen	200	0.228	948	\$12.45	(I)
27,500 lumen	250	0.275	948	\$12.45	(I)
50,000 lumen	400	0.471	1,959	\$16.73	(I)
Decorative Fixtures					
Sodium Vapor					
9,500 lumen (Rectilinear)	100	0.117	487	\$ 10.94	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$13.53	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$17.90	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$26.62	(I)

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

Spans of Secondary Wiring:

For each increment of 50 feet of secondary wiring beyond the first 150 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.58. (I)

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KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 60 (T)  
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NET MONTHLY BILL (Contd.)

<u>UNDERGROUND DISTRIBUTION AREA</u>	<u>Lamp</u>		<u>Annual</u>		
<u>Fixture Description</u>	<u>Watt</u>	<u>kW/Unit</u>	<u>kWh</u>	<u>Rate/Unit</u>	
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.210	874	\$ 8.10	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6.65	(I)
10,000 lumen	250	0.292	1,215	\$ 9.35	(I)
21,000 lumen	400	0.460	1,914	\$12.59	(I)
Metal Halide					
14,000 lumen	175	0.210	874	\$ 8.10	(I)
20,500 lumen	250	0.292	1,215	\$ 9.35	(I)
36,000 lumen	400	0.460	1,914	\$12.59	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 8.81	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6.70	(I)
16,000 lumen	150	0.171	711	\$ 9.57	(I)
22,000 lumen	200	0.228	948	\$12.45	(I)
50,000 lumen	400	0.471	1,959	\$16.73	(I)
Decorative Fixtures					
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	\$ 8.37	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 10.52	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$24.04	(I)
7,000 lumen (Granville)	175	0.205	853	\$ 8.46	(I)
7,000 lumen (Aspen)	175	0.210	874	\$15.23	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 8.37	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$15.23	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$24.13	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$12.23	(I)
9,500 lumen (Holophane)	100	0.128	532	\$13.25	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 9.88	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$24.91	(I)
9,500 lumen (Aspen)	100	0.128	532	\$15.43	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$12.23	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$15.43	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$13.59	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$17.97	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$26.62	(I)

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KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 60 (T)  
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NET MONTHLY BILL (Contd.)

	<u>Pole Type</u>	<u>Rate/Pole</u>	
<u>POLE CHARGES</u>			
Pole Description			
Wood			
17 foot (Wood Laminated) (a)	W17	\$ 4.92	(I)
30 foot	W30	\$ 4.86	(I)
35 foot	W35	\$ 4.92	(I)
40 foot	W40	\$ 5.90	(I)
Aluminum			
12 foot (decorative)	A12	\$13.39	(I)
28 foot	A28	\$ 7.76	(I)
28 foot (heavy duty)	A28H	\$ 7.84	(I)
30 foot (anchor base)	A30	\$15.51	(I)
Fiberglass			
17 foot	F17	\$ 4.92	(I)
12 foot (decorative)	F12	\$14.40.	(I)
30 foot (bronze)	F30	\$ 9.38	(I)
35 foot (bronze)	F35	\$ 9.62	(I)
Steel			
27 foot (11 gauge)	S27	\$12.65	(I)
27 foot (3 gauge)	S27H	\$19.08	(I)

Spans of Secondary Wiring:

For each increment of 25 feet of secondary wiring beyond the first 25 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.84. (I)

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

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

2. Base Fuel Cost

The rates per unit shown above include a charge of \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

3. Applicable Riders

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

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider (N)

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

Sheet No. 125, Rider DCI, Distribution Capital Investment Rider (N)

Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider (N)

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KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 60 (T)  
Cancels and Supersedes  
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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERM OF SERVICE**

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

**GENERAL CONDITIONS**

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

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

- (6) When a street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

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KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 60 (T)  
Cancels and Supersedes  
Seventh Revised Sheet No. 60 (T)  
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**SERVICE REGULATIONS**

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

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Witness Responsible: Bruce Sailors

KY.P.S.C. Electric No. 2

Eighth Revised Sheet No. 61

Cancels and Supersedes

Seventh Revised Sheet No. 61

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

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## RATE TL

### TRAFFIC LIGHTING SERVICE

#### APPLICABILITY

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

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

Computed in accordance with the following charges:

##### 1. Base Rate

(a) Where the Company supplies energy only, all kilowatt-hours shall be billed at \$0.042590 per kilowatt-hour; (I)

(b) Where the Company supplies energy from a separately metered source and the Company has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at \$0.023583 per kilowatt-hour. (I)

(c) Where the Company supplies energy and has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at \$0.066174 per kilowatt-hour. (I)

##### 2. Applicable Riders

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

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider (N)

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

Sheet No. 125, Rider DCI, Distribution Capital Investment Rider (N)

Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider (N)

#### LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

#### TERM OF SERVICE

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

#### GENERAL CONDITIONS

(1) Billing will be based on the calculated kilowatt-hour consumption taking into consideration the size and

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Issued by James P. Henning, President

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

characteristics of the load.

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

**LIMITED MAINTENANCE**

Limited maintenance for traffic signals is defined as cleaning and replacing lamps, and repairing connections in wiring which are of a minor nature. Limited maintenance for traffic controllers is defined as cleaning, oiling, adjusting and replacing contacts which are provided by customer, time-setting when requested, and minor repairs to defective wiring.

**SERVICE REGULATIONS**

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

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KY. P.S.C. Electric No. 2  
Eighth Revised Sheet No. 62 (T)  
Cancels and Supersedes  
Seventh Revised Sheet No. 62 (T)  
Page 1 of 2

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**RATE UOLS**  
**UNMETERED OUTDOOR LIGHTING ELECTRIC SERVICE**

**APPLICABILITY**

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

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

**CONTRACT FOR SERVICE**

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

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

**LIGHTING HOURS**

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

**NET MONTHLY BILL**

Computed in accordance with the following charge:

- |    |   |                    |     |
|----|---|--------------------|-----|
| 1. | Base Rate   |                    |     |
|    | All kWh   | \$0.041936 per kWh | (I) |
| 2. | Applicable Riders   |                    |     |
|    | The following riders are applicable pursuant to the specific terms contained within each rider: |                    |     |
|    | Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider                                |                    | (N) |
|    | Sheet No. 80, Rider FAC, Fuel Adjustment Clause   |                    |     |
|    | Sheet No. 82, Rider PSM, Profit Sharing Mechanism   |                    |     |
|    | Sheet No. 125, Rider DCI, Distribution Capital Investment Rider                                 |                    | (N) |

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Duke Energy Kentucky, Inc.  
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KY. P.S.C. Electric No. 2  
Eighth Revised Sheet No. 62  
Cancels and Supersedes  
Seventh Revised Sheet No. 62  
Page 2 of 2

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Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider

(N)

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill which is the Net Monthly Bill plus 5%, is due and payable.

**OWNERSHIP OF SERVICE LINES**

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

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

The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with lighting output or with service lines or wires of the Company used for supplying electric energy to the System. The customer shall assist the Company, if necessary, in obtaining permission to trim trees where the Company is unable to obtain such permission through its own best efforts.

**SERVICE REGULATIONS**

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(T)  
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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

Ky.P.S.C. Electric No. 2  
Second Revised Sheet no. 63 (T)  
Cancels and Supersedes  
First Revised Sheet No. 63 (T)  
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**RATE OL-E  
OUTDOOR LIGHTING EQUIPMENT INSTALLATION**

**APPLICABILITY**

Applicable for the installation of any street or outdoor area lighting system (System) on private or public property and owned by the Company. The customer must be adjacent to an electric power line of the Company that is adequate and suitable for supplying the necessary electric service.

Service for the System under this tariff shall require a written agreement between the Customer and the Company. The System shall comply with the connection requirements in the Company's Electric Service Regulations, Section III, Customer's Installations and Section IV, Company's Installations.

A separate written agreement is required for the electrical energy consumed by this lighting system.

**CONTRACT FOR SERVICE**

The Customer will enter into an Outdoor Lighting Equipment Agreement, herein 'Agreement', with the Company for an initial term not to exceed ten years and automatically renewable annually thereafter. Termination by either party shall require 120 days advance written notice. The Agreement shall specify the lighting equipment to be installed and owned by the Company, the term of the agreement, itemized monthly charges for the equipment, maintenance terms, and any other necessary information.

The initial Agreement will include two specific monthly charges: a monthly System Charge based on the Company's cost of purchasing and installing the System (Installed Cost), and a monthly Maintenance Charge. The monthly System Charge will end with the expiration of the initial Agreement term while the monthly Maintenance Charge will continue for the life of the System. When the Agreement is terminated by Customer request before initial term expiration, the Customer must reimburse the Company the sum of all remaining monthly System Charges for the initial term of the Agreement, minus salvage value as determined by the Company.

The System Charge is determined by applying the current Levelized Fixed Charge Rate (LFCR), to the Company's cost of purchasing and installing the System. The Customer agrees to the resulting monthly charge that is dependent on the initial term length of the Agreement. The initial term length is the Customer's choice up to and including ten years. The Customer may make an up-front payment that will be applied against the Installed Cost and will thereby reduce the monthly System Charge.

The monthly Maintenance Charge covers estimated equipment maintenance costs as specified in the Agreement, including the ongoing costs of ownership such as administration, taxes and insurance. The Agreement allows for re-evaluation and possible adjustment to the maintenance monthly charges every three years.

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321. (T)  
(T)

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Issued: September 1, 2017

Effective: October 1, 2017 (T)

Issued by James P. Henning, President (T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

Ky.P.S.C. Electric No. 2  
Second Revised Sheet no. 63  
Cancels and Supersedes  
First Revised Sheet No. 63  
Page 2 of 3

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#### LEVELIZED FIXED CHARGE CALCULATION

The annual Levelized Fixed Charge Rate percentage is calculated as follows:

$$\text{LFCR} = r + d + \left( \frac{T}{1-T} \right) \times (r + d - D) \times \left( \frac{r - i}{r} \right)$$

Where r = Rate of Return (Cost of Capital)  
D = Depreciation Rate (straight line)  
T = Federal and State Composite Income Tax Rate  
i = Synchronized Interest Deduction  
d = Sinking Fund Factor

#### LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

#### OWNERSHIP OF SERVICE LINES

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

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

The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with lighting output or with service lines or wires of the Company used for supplying electric energy to the System. The customer shall assist the Company, if necessary, in obtaining permission to trim trees where the Company is unable to obtain such permission through its own best efforts.

#### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

Ky.P.S.C. Electric No. 2  
Second Revised Sheet no. 63  
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Page 3 of 3

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jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Original Sheet No. 64  
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RATE LED

LED OUTDOOR LIGHTING ELECTRIC SERVICE

**APPLICABILITY**

To any customer for the sole purpose of lighting roadways or other outdoor land use areas with LED technology fixtures; served from Company fixtures of the LED type available under this rate schedule. Service hereunder is provided for the sole and exclusive benefit of the customer, and nothing herein or in the contract executed hereunder is intended to benefit any third party or to impose any obligation on the Company to any such third party.

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

**CHARACTER OF SERVICE**

Automatically controlled lighting service (i.e., photoelectric cell, or digitally controlled node); alternating current, 60 cycle, single phase, at the Company's standard voltage available. This service may include "smart" lighting technologies, at the sole discretion of the Company.

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

**NET MONTHLY BILL**

Computed in accordance with the following charges:

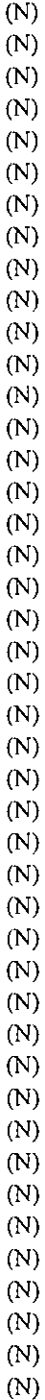
1. Base Rate  
All kWh \$0.041936 per kWh

The rate shown above includes a charge of \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

2. Applicable Riders  
The following riders are applicable pursuant to the specific terms contained within each rider:  
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider  
Sheet No. 80, Rider FAC, Fuel Adjustment Clause  
Sheet No. 82, Rider PSM, Profit Sharing Mechanism  
Sheet No. 125, Rider DCI, Distribution Capital Investment Rider  
Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider

Issued by authority of an Order of the Kentucky Public Service  
Commission dated \_\_\_\_\_ in Case No. 2017-00321

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 65 (T)  
Cancels and Supersedes  
Seventh Revised Sheet No. 65 (T)  
Page 1 of 1

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**RATE OL**  
**OUTDOOR LIGHTING SERVICE**

**THIS SHEET IS CANCELLED AND WITHDRAWN (T)**

Issued by authority of an Order of the Kentucky Public Service  
Commission dated \_\_\_\_\_, 2017 in Case No. 2017-00321. (T)

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Issued: September 1, 2017 (T)  
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Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 66 (T)  
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Seventh Revised Sheet No. 66 (T)  
Page 1 of 3

**RATE NSU**

**STREET LIGHTING SERVICE  
NON-STANDARD UNITS**

**APPLICABILITY**

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

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

**TYPE OF SERVICE**

All equipment owned by the Company will be maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps maintained by the Company within 48 hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

**NET MONTHLY BILL**

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

1. Base Rate

A. Company owned

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
1. Boulevard units served underground					
a. 2,500 lumen Incandescent – Series	148	0.148	616	\$10.32	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$8.01	(I)
2. Holophane Decorative fixture on 17 foot fiberglass pole served underground with direct buried cable					
a. 10,000 lumen Mercury Vapor	250	0.292	1,215	\$18.79	(I)

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 66 (T)  
Cancels and Supersedes  
Seventh Revised Sheet No. 66 (T)  
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**NET MONTHLY BILL (Contd.)**

The cable span charge of \$0.84 per each increment of 25 feet of secondary wiring shall be added to the Rate/unit charge for each increment of secondary wiring beyond the first 25 feet from the pole base. (I)

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
3. Street light units served overhead distribution					
a. 2,500 lumen Incandescent	189	0.189	786	\$7.94	(I)
b. 2,500 lumen Mercury Vapor	100	0.109	453	\$7.52	(I)
c. 21,000 lumen Mercury Vapor	400	0.460	1,914	\$11.93	(I)

**B. Customer owned**

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
1. Steel boulevard units served underground with limited maintenance by Company					
a. 2,500 lumen Incandescent – Series	148	0.148	616	\$6.09	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$7.74	(I)

**2. Base Fuel Cost**

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

**3. Applicable Riders**

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider (N)
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- Sheet No. 125, Rider DCI, Distribution Capital Investment Rider (N)
- Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider (N)

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERM OF SERVICE**

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

**GENERAL CONDITIONS**

- (1) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

Issued by authority of an Order of the Kentucky Public Service  
Commission dated \_\_\_\_\_ in Case No. 2017-00321. (T)

Issued: September 1, 2017 (T)  
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Issued by James P. Henning, President



(T)

(T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

**GENERAL CONDITIONS (Contd.)**

- (2) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by, and at the expense of, the Company.  
In case of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (3) When a Company owned street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (4) When a customer owned lighting unit becomes inoperative, the cost of repair or replacement of the unit will be at the customer's expense. The replacement unit shall be an approved Company fixture.
- (5) Limited maintenance by the Company includes only fixture cleaning, relamping, and glassware and photo cell replacement.

**SERVICE REGULATIONS**

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

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321.

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Issued: September 1, 2017

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(T)

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

**RATE NSP**  
**PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS**

**THIS SHEET IS CANCELLED AND WITHDRAWN**

(T)

Issued by authority of an Order of the Kentucky Public Service  
Commission dated \_\_\_\_\_ in Case No. 2017-00321.

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(T)

Issued: August 18, 2017  
Effective: August 30, 2017  
Issued by James P. Henning, President

(T)  
(T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

(T)  
(T)

**RATE SC**

**STREET LIGHTING SERVICE - CUSTOMER OWNED**

**APPLICABILITY**

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

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

**TYPE OF SERVICE**

All equipment will be owned by the customer but may be installed by customer or Company with limited maintenance performed by the Company. Limited maintenance includes only fixture cleaning, relamping, and glassware and photo cell replacement. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

**NET MONTHLY BILL**

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

1. Base Rate	Lamp <u>Watts</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	<u>Rate/Unit</u>	
Fixture Description					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	\$ 4.69	(I)
10,000 lumen	250	0.275	1,144	\$ 5.96	(I)
21,000 lumen	400	0.430	1,789	\$ 8.28	(I)
Metal Halide					
14,000 lumen	175	0.193	803	\$ 4.69	(I)
20,500 lumen	250	0.275	1,144	\$ 5.96	(I)
36,000 lumen	400	0.430	1,789	\$ 8.28	(I)

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Issued by James P. Henning, President

Witness Responsible: Bruce Sailors

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 68 (T)  
Cancels and Supersedes  
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**NET MONTHLY BILL (Contd.)**

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 5.64	(I)
16,000 lumen	150	0.171	711	\$ 6.29	(I)
22,000 lumen	200	0.228	948	\$ 6.90	(I)
27,500 lumen	250	0.228	948	\$ 6.90	(I)
50,000 lumen	400	0.471	1,959	\$ 9.35	(I)
Decorative Fixture					
Mercury Vapor					
7,000 lumen (Holophane)	175	0.210	874	\$ 5.95	(I)
7,000 lumen (Town & Country)	175	0.205	853	\$ 5.90	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 5.95	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 5.95	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 5.90	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 5.95	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 5.95	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$ 5.55	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 5.55	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 5.80	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 5.55	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 5.80	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 5.80	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 5.80	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 7.32	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 9.68	(I)

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

<u>Pole Description</u>	<u>Pole Type</u>	<u>Rate/Pole</u>	
Wood			
30 foot	W30	\$ 4.86	(I)
35 foot	W35	\$ 4.92	(I)
40 foot	W40	\$ 5.90	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_ in Case No. 2017-00321. (T)

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Issued by James P. Henning, President

Witness Responsible: Bruce Sailors

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 68 (T)  
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**NET MONTHLY BILL (Contd.)**

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be \$0.041936 per kilowatt-hour which includes the base fuel cost rate stated below. The monthly kilowatt-hour usage will be mutually agreed upon between the Company and the customer. Where the average monthly usage is less than 150 kWh per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before work is carried out. (I)

2. Base Fuel Cost

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

3. Applicable Riders

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider (N)
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- Sheet No. 125, Rider DCI, Distribution Capital Investment Rider (N)
- Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider (N)

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERM OF SERVICE**

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

**GENERAL CONDITIONS**

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

**GENERAL CONDITIONS (Contd.)**

- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

(T)

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shall not be responsible for failure to install these street light units for such reason.

- (4) If an installed street lighting unit is required to be relocated, removed, or replaced by the Company, the ordering Authority shall pay the Company the cost agreed upon under a separate contract.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

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

- (6) When a customer owned lighting unit becomes inoperative the cost of repair, replacement or removal of the unit will be at the customer's expense.
- (7) All lights installed on an overhead distribution system will be installed by Company under a separate contract with customer.

#### SERVICE REGULATIONS

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

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Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 69 (T)  
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## RATE SE

### STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT

#### APPLICABILITY

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

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

#### TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

#### NET MONTHLY BILL

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

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Duke Energy Kentucky, Inc.  
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Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 69 (T)  
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**NET MONTHLY BILL (Contd.)**

## 1. Base Rate

Fixture Description	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
<u>Decorative Fixtures</u>					
<u>Mercury Vapor</u>					
7,000 lumen (Town & Country)	175	0.205	853	\$ 8.16	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 8.19	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 8.19	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 8.19	(I)
<u>Metal Halide</u>					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 8.16	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 8.19	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 8.19	(I)
<u>Sodium Vapor</u>					
9,500 lumen (Town & Country)	100	0.117	487	\$ 8.89	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 9.01	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 8.89	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 9.00	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 9.00	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 8.89	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 9.00	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$12.78	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$16.91	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$16.91	(I)

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

## 2. Base Fuel Cost

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

## 3. Applicable Riders

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

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider	(N)
Sheet No. 80, Rider FAC, Fuel Adjustment Clause	(N)
Sheet No. 82, Rider PSM, Profit Sharing Mechanism	(N)
Sheet No. 125, Rider DCI, Distribution Capital Investment Rider	(N)
Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider	(N)

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERM OF SERVICE**

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

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Issued by James P. Henning, President



Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2 (T)  
Eighth Revised Sheet No. 69  
Cancels and Supersedes (T)  
Seventh Revised Sheet No. 69  
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**GENERAL CONDITIONS**

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

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

- (6) When a street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (7) The contribution only provides for replacement of these facilities due to occasional damage or premature malfunction. It does not cover replacement at end of life.

**SERVICE REGULATIONS**

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

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
First Revised Sheet no. 70  
Cancels and Supersedes  
Original Sheet No. 70  
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(T)  
(T)

**RIDER PPS  
PREMIER POWER SERVICE**

**AVAILABILITY**

Applicable to qualifying non-residential Customers, on a voluntary basis, served under Rates DS, DP, DT or Special Contracts. Customers must enter into a service agreement with Company under this rider.

**PROGRAM DESCRIPTION**

Under the terms of this program, the Company will own, install, operate and maintain on-site equipment such as on-site generators, fly-wheel, and Uninterruptible Power Supply (UPS) systems designed to provide a supply of electricity to the Customer's facility in the event that the primary supply of electricity is interrupted. The minimum size of on-site generators provided under this program will have a nameplate rating of 50 kW. The generator and associated business continuity support equipment will be located on the Customer's premises at a mutually agreed upon location. The generator and associated business continuity support equipment will be connected on the Company's (line) side of Company's billing meter. Customer will be billed for all usage registered on the Company's billing meter under the applicable rate schedule.

**RATE**

Each qualifying customer's individual monthly rate calculated for each customer for this service will be determined as follows:

Monthly Service Payment = Estimated Levelized Capital Cost + Estimated Expenses

Where:

Levelized Capital Cost is equal to the present value of all estimated capital related cash flows for a period corresponding to the time of engineering, design and installation of equipment through the term of the contract, adjusted to a pre-tax amount and converted to a uniform monthly payment for the term of the contract. The estimated capital cash flows shall include estimated installed cost of equipment, contingency allowances, salvage value, adjustment to reflect additional supporting investment of general plant nature, and income tax impacts.

Expenses shall equal the present value of estimated expenses associated with the support and maintenance of the generation and support equipment, adjusted to a pre-tax amount and converted to a uniform monthly payment for the term of the contract. The estimated expenses shall include administrative and general expenses, expenses for labor and materials related to operations and maintenance, third party expenses for operations and maintenance, warranties, insurance, annual costs associated with working capital, fuel inventory, depreciation, property tax, other costs related to the operation and support of the generator system installation, and income tax impacts..

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4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
First Revised Sheet No. 70  
Cancels and Supercedes  
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**RATE (CONT'D.)**

The after tax cost of capital from the Company's most recent general rate case will be used to convert present values to uniform monthly payments.

**MONTHLY BILL**

Customer's monthly bill for all services under this rider will appear on their regular monthly electric bill as a line item.

**CONTRACT**

As provided in the Premier Power Service Agreement (Agreement), customer shall enter into a contract for Premier Power Service from the Company for an initial term of ten (10) years, or other term at the Company's option, and thereafter from year to year upon the condition that either party may terminate the contract by giving a minimum of ninety (90) days notice of such termination in writing. In the event of early termination of the Agreement under this program, the Customer may be required to pay the Company a termination fee as set forth in the Agreement.

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Second Revised Sheet No. 71 (T)  
KY. P.S.C. Electric No. 2  
First Revised Sheet No. 71 (T)  
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## RIDER TS

### TEMPORARY SERVICE

#### APPLICABILITY

Applicable to electric service of a temporary nature, where the standard residential or general service rates are effective for the application of this rider, for a period of less than one year and non-recurring, supplied in accordance with provisions of the appropriate rate currently in effect.

#### TYPE OF SERVICE

Service will be in accordance with the specifications of the standard applicable rate.

#### CHARGES

In addition to charges for service furnished under the applicable standard rate the customer will pay in advance the following charge:

Estimated unit cost of each service with supporting data to be filed with the Commission and updated annually by the utility.

#### TERM OF SERVICE

Temporary service hereunder will be rendered for a period not longer than six calendar months from the date of installation, provided however, the Company may, at its option, renew said temporary connection for an additional period of three months if required by the temporary need. At the expiration of said initial period or any renewal thereof, the Company may discontinue the service from the premise.

#### SERVICE REGULATIONS

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

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Second Revised Sheet No. 72  
Cancels and Supersedes  
First Revised Sheet No. 72  
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## RIDER X

### LINE EXTENSION POLICY

#### APPLICABILITY

Applicable to electric service supplied in accordance with the provisions of the appropriate rate currently in effect, from the nearest available distribution lines of required type of service when it is necessary to extend such lines.

#### EXTENSION PLAN

##### Extensions

When the estimated cost of extending the distribution lines to reach the customer's premise equals or is less than three (3) times the estimated gross annual revenue the Company will make the extension without additional guarantee by the customer over that applicable in the rate, provided the customer establishes credit in a manner satisfactory to the Company.

When the estimated cost of extending the distribution lines to reach the customer's premise exceeds three (3) times the estimated gross annual revenue, the customer may be required to guarantee, for a period of five (5) years, a monthly bill of one (1) percent of the line extension cost for residential service and two (2) percent for non-residential service.

When the term of service or credit have not been established in a manner satisfactory to the Company, the customer may be required to advance the estimated cost of the line extension in either of the above situations. When such advance is made the Company will refund, at the end of each year, for four (4) years, twenty-five (25) percent of the revenues received in any one year up to twenty-five (25) percent of the advance.

#### SERVICE REGULATIONS

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Cancels and Supersedes  
First Revised Sheet No. 73 (T)  
Page 1 of 2

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

**RIDER LM**

**LOAD MANAGEMENT RIDER**

**APPLICABILITY**

The Off Peak Provision is applicable to customers with an average monthly demand in excess of fifteen (15) kilowatts established over the most recent twelve month period receiving service under the provisions of either Rate DS, Service at Secondary Distribution Voltage, or Rate DP, Service at Primary Distribution Voltage.

**OFF PEAK PROVISION**

The "off peak period" for the summer season is defined as the period from 8:00 p.m. of one day to 11:00 a.m. of the following day; Friday from 8:00 p.m. to 11:00 a.m. of the following Monday; and from 8:00 p.m. of the day preceding a legal holiday to 11:00 a.m. of the day following that holiday. The "off peak period" for the winter season is defined as the period 2:00 p.m. to 5:00 p.m. and from 9:00 p.m. of one day to 9:00 a.m. of the following day; Friday from 9:00 p.m. to 9:00 a.m. of the following Monday; and from 9:00 p.m. of the day preceding a legal holiday to 9:00 a.m. of the day following that holiday. The following are recognized legal holidays as far as load conditions of the Company's system are concerned: New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, Christmas Day. If the foregoing holidays occur on a Sunday, the following Monday is considered a holiday.

The "on peak period" is defined as all hours exclusive of the "off peak period" hours set forth in the preceding paragraph.

For customers with an average monthly demand in excess of fifteen (15) kilowatts and not to exceed five hundred (500) kilowatts where electric service is furnished under the provisions of the Company's existing Rate DS, Service at Secondary Distribution Voltage or Rate DP, Service at Primary Distribution Voltage. The provision is only available as Company demand meters with a programmable time-of-use register or interval data recorders (IDR) are installed on the customer's premise. Due to the limited availability of such metering equipment and Company personnel, the meter will be installed as metering equipment and Company personnel are available.

- A. For purposes of administration of this rider, the summer season, as stated above, is the period beginning with the meter reading date in the month of May and ending with the meter reading date in the month of September or the period beginning June 1 and ending September 30, at the Company's option. The winter season consists of all other days which have not been recognized in the summer season. (T)
- B. The customer will be required to pay the current installed cost of the time-of-use or IDR metering equipment in excess of the current installed cost of the standard demand register equipment, normally installed by the Company, which is required under the provision of Rate DS or DP. All metering equipment shall remain the property of the Company which shall be responsible for its installation, operation, maintenance, testing, replacement or removal. (T)

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Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Second Revised Sheet No. 73 (T)  
Cancels and Supersedes  
First Revised Sheet No. 73 (T)  
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- C. When a customer elects the OFF PEAK PROVISION, the monthly customer charge of the applicable Rate DS or DP will be increased by an additional monthly charge of five dollars (\$5.00) for each installed time-of-use or interval data recorder meter. In addition, the DEMAND provision of Rate DS or DP shall be modified to the extent that the billing demand shall be based upon the "on peak period," as defined above. However, in no case shall the billing demand be less than the billing demand as determined in accordance with the DEMAND provision of the applicable Rate DS or Rate DP, as modified. (T)

**TERMS AND CONDITIONS**

The term of contract for the Off Peak Provision shall be a minimum period of one (1) year.

The Company shall not be required to increase the capacity of any service facilities in order to furnish off peak demands. The Company reserves the right, upon 30 days notice to customers affected, to change the time or times during which on peak demands may be established.

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

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Cancels and Supersedes  
Original Sheet No. 74  
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**RIDER AMO  
ADVANCED METER OPT-OUT (AMO) – RESIDENTIAL**

**APPLICABILITY**

Applicable to residential customers served under Rate RS who request an electric meter that does not utilize radio frequency communications to transmit data provided that such a meter is available for use by the Company. At the Company's option, meters to be read manually may be either an advanced meter with the radio frequency communication capability disabled or other non-communicating meter. The meter manufacturer and model chosen to service the customer's premise are at the discretion of the Company and are subject to change at the Company's option, at any time. Rider AMO is optional and is available subject to the Terms and Conditions below.

**DEFINITION**

"Advanced meter" means any electric meter that meets the pertinent engineering standards using digital technology and is capable of providing two-way communications with the electric utility to provide usage and/or other technical data.

**CHARGES**

Residential customers who elect, at any time, to opt-out of the Company's advanced metering infrastructure (AMI) system shall pay a one-time fee of \$100.00 and a recurring monthly fee of \$25.00. During the Metering Upgrade project deployment phase, if prior to an advanced meter being installed at a customer premise, any existing residential electric customer that elects to participate in this opt-out program, Duke Energy Kentucky will not charge the one-time set-up fee, providing the residential electric customer notifies the Company of such election in advance of the advanced meter being installed. Those residential customers electing to participate in this residential opt-out program will be subject to the ongoing \$25.00 per month ongoing charge. Following deployment completion, any residential customer who later elects to participate in the Opt-Out Program will be assessed the \$100 set-up fee in addition to the ongoing monthly charge.

**TERMS AND CONDITIONS**

The Company shall have the right to refuse to provide advanced meter opt-out service in either of the following circumstances:

- (a) If the customer has a history of meter tampering or unauthorized use of electricity at the current or any prior location.
- (b) If such a service creates a safety hazard to consumers or their premises, the public, or the electric utility's personnel or facilities.
- (c) If a customer does not allow the electric utility's employees or agents access to the meter at the customer's premises for either maintenance, connection/disconnection, or meter-reading.

**SERVICE REGULATIONS**

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

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4580 Olympic Blvd.  
Erlanger, KY 41018

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**RIDER BDP  
BACKUP DELIVERY POINT CAPACITY RIDER**

**BACKUP DELIVERY POINT (TRANSMISSION/DISTRIBUTION) CAPACITY**

The Company will normally supply service to one premise at one standard voltage at one delivery point and through one meter to a Non-Residential Customer in accordance with the provisions of the applicable rate schedule and the Electric Service Regulations. Upon customer request, Company will make available to a Non-Residential Customer additional delivery points in accordance with the rates, terms and conditions of this Rider BDP.

**NET MONTHLY BILL**

1. Connection Fee  
The Connection Fee applies only if an additional metering point is required and will be based on customer's most applicable rate schedule.
2. Monthly charges will be based on the unbundled distribution and/or transmission rates of the customer's most applicable rate schedule and the contracted amount of backup delivery point capacity.
3. The Customer shall also be responsible for the acceleration of costs, if any, that would not have otherwise been incurred by Company absent such request for additional delivery points. The terms of payment may be made initially or over a pre-determined term mutually agreeable to Company and Customers that shall not exceed the minimum term. In each request for service under this Rider, Company engineers will conduct a thorough review of the customer's request and the circuits affected by the request. The customer's capacity needs will be weighed against the capacity available on the circuit, anticipated load growth on the circuit, and any future construction plans that may be advanced by the request.

**SPECIAL TERMS AND CONDITIONS**

The Company will provide such backup delivery point capacity under the following conditions:

1. Company reserves the right to refuse backup delivery capacity to any Customer where such backup delivery service is reasonably estimated by Company to impede or impair current or future electric transmission or distribution service.
2. The amount of backup delivery point capacity shall be mutually agreed to by the Company and the Customer because the availability of specific electric system facilities to meet a Customer's request is unique to each service location.
3. System electrical configurations based on Customer's initial delivery point will determine whether distribution and/or transmission charges apply to Customer's backup delivery point.
4. In the event that directly assigned facilities are necessary to attach Customer's backup delivery point to the joint transmission or distribution systems, Company shall install such facilities and bill Customer the Company's full costs for such facilities and installations.

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First Revised Sheet No. 79  
Page 2 of 2

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

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**SPECIAL TERMS AND CONDITIONS (Contd.)**

5. Energy supplies via any backup delivery point established under this Rider BDP will be supplied under the applicable rate tariff and/or special contract.
6. Company and the Customer shall enter into a service agreement with a minimum term of five years. This service agreement shall contain the specific terms and conditions under which Customer shall take service under this Rider BDP.
7. Company does not guarantee uninterrupted service under this rider.

**SERVICE REGULATIONS**

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

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Duke Energy Kentucky  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

**RIDER FAC  
FUEL ADJUSTMENT CLAUSE**

**APPLICABLE**

In all territory service.

**AVAILABILITY OF SERVICE**

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

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

$$\text{Fuel Cost Adjustment} = \frac{F(m)}{S(m)} - \$0.023837 \text{ per kWh}$$

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

- (2) Fuel costs (F) shall be the cost of:
- (a) Fossil fuel consumed in the Company's plants plus the cost of fuel which would have been used in plants suffering forced generation or transmission outages, but less the cost of fuel related to substitute generation, plus
  - (b) The actual identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in paragraph (c) of this subsection, but excluding the cost of fuel related to purchases to substitute for the forced outages; plus
  - (c) The net energy cost of energy purchases, exclusive of capacity or demand charges (irrespective of the designation assigned to such transaction) when such energy is purchased on an economic dispatch basis. Included therein are such costs as the charges for economy energy purchases and the charges as a result of scheduled outage, all such kinds of energy being purchased by the Company to substitute for its own higher cost energy, and less
  - (d) The cost of fossil fuel recovered through inter-system sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.
  - (e) The fuel-related charges and credits charged to the Company by a Regional Transmission Organization. (T)  
(T)

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4580 Olympic Blvd.  
Erlanger, Kentucky 41018

**AVAILABILITY OF SERVICE (Contd.)**

- (f) All fuel costs shall be based on a weighted-average inventory costing. The cost of fossil fuel shall include no items other than the invoice price of fuel less any cash or other discounts. The invoice price of fuel includes the cost of fuel itself and necessary charges for transportation of fuel from the point of acquisition to the unloading point, as listed in Account 151 of the FERC Uniform System of Accounts for Public Utilities and Licensees.
- (g) As used herein, the term "forced outages" means all non-scheduled losses of generation or transmission which require substitute power for a continuous period in excess of six (6) hours. Where forced outages are not as a result of faulty equipment, faulty manufacture, faulty design, faulty installations, faulty operation, or faulty maintenance, but are Acts of God, riot, insurrection, or acts of the public enemy, then the Company may, upon proper showing, with the approval of the Commission, include the fuel cost of substitute energy in the adjustment.

(3) Sales (S) shall be determined in kilowatt-hours as follows:

Add:

- (a) net generation
- (b) purchases
- (c) interchange in

Subtract:

- (d) inter-system sales including economy energy and other energy sold on an economic dispatch basis.
- (e) total system losses

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Cancels and Supersedes  
Forty-Sixth Revised Sheet No 82 (T)  
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**RIDER PSM  
PROFIT SHARING MECHANISM**

**APPLICABILITY**

Applicable to all retail sales in the Company's electric service area, excluding interdepartmental sales, beginning with the billing month October 2017. (T)

**PROFIT SHARING RIDER FACTORS**

On a quarterly basis, the applicable energy charges for electric service shall be increased or decreased to the nearest \$0.000001 per kWh to reflect the sharing of net proceeds as outlined in the formula below. (T)

$$\text{Rider PSM Factor} = (\text{OSS} + \text{NF} + \text{CAP} + \text{REC} + \text{R}) / \text{S} \times 0.90 \quad (\text{T})$$

where:

OSS= Net proceeds from off-system power sales. (T)

NF = Net proceeds from non-fuel related Regional Transmission Organization charges and credits not recovered via other mechanisms. (T)

CAP= Net proceeds from: PJM charges and credits as provided for in the Commission's Order in Case No. 2014-00201, dated December 4, 2014; capacity sales; capacity purchases; capacity performance credits; and capacity performance assessments. (T)

REC= Net proceeds from the sales of renewable energy credits. (T)

R = Reconciliation of prior period Rider PSM actual revenue to amount calculated for the period.

S = Current period sales in kWh as used in the Rider FAC calculation.

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Issued by: James P. Henning, President (T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Forty-Seventh Revised Sheet No 82 (T)  
Cancels and Supersedes  
Forty-Sixth Revised Sheet No 82 (T)  
Page 2 of 2

<u>Rate Group</u>	<u>Rate</u> (\$/ kWh)	
Rate RS, Residential Service	0.000456	
Rate DS, Service at Secondary Distribution Voltage	0.000456	
Rate DP, Service at Primary Distribution Voltage	0.000456	
Rate DT, Time-of-Day Rate for Service at Distribution Voltage	0.000456	
Rate EH, Optional Rate for Electric Space Heating	0.000456	
Rate GS-FL, General Service Rate for Small Fixed Loads	0.000456	
Rate SP, Seasonal Sports Service	0.000456	
Rate SL, Street Lighting Service	0.000456	
Rate TL, Traffic Lighting Service	0.000456	
Rate UOLS, Unmetered Outdoor Lighting	0.000456	
Rate NSU, Street Lighting Service for Non-Standard Units	0.000456	
Rate SC, Street Lighting Service – Customer Owned	0.000456	
Rate SE, Street Lighting Service – Overhead Equivalent	0.000456	
<u>Rate LED, LED Street Lighting Service</u>	<u>0.000456</u>	(N)
Rate TT, Time-of-Day Rate for Service at Transmission Voltage	0.000456	
Other	0.000456	

Rider PSM credits, reductions to bills, are shown as positive numbers without parentheses. Rider PSM charges, increases to bills, are shown in parentheses.

**SERVICE REGULATIONS**

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

Issued by authority of an Order of the Kentucky Public Service  
Commission dated in Case No. 2017-00321 (T)

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Second Revised Sheet No. 85  
Cancels and Supersedes  
First Revised Sheet No. 85  
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**RIDER BR**

**BROWNFIELD REDEVELOPMENT RIDER**

**AVAILABILITY**

Available to customers locating in a qualified "brownfield" redevelopment area as defined by Kentucky or federal law and served by existing primary service lines. Customers qualifying for service under this rider must enter into a Service Agreement and special contract with the Company. In order to receive service under this rider the special contract must be approved by the Kentucky Public Service Commission.

**NET MONTHLY BILLING**

The customer shall comply with all terms of the standard tariff rate under which the customer takes service except as contravened by the following.

- For the first 12 month period, the demand charge shall be reduced by 50 percent;
- For the second 12 month period, the demand charge shall be reduced by 40 percent;
- For the third 12 month period, the demand charge shall be reduced by 30 percent;
- For the fourth 12 month period, the demand charge shall be reduced by 20 percent;
- For the fifth 12 month period, the demand charge shall be reduced by 10 percent.

All subsequent billings shall be at the appropriate full standard service tariff rate.

**TERMS AND CONDITIONS**

The customer shall enter into a Service Agreement with the Company which shall specify, among other things, the voltage at which the customer will be served and monthly minimum levels of demand and usage.

The Special Contract shall be in effect for a minimum term of eight (8) years and the customer shall be billed monthly based on the greater of: (a) its actual monthly demand and usage levels; or (b) the minimum monthly demand and usage levels specified in its Service Agreement and Special Contract.

The terms of this rider do not preclude the Company from offering different terms under a special contract if the Company deems it appropriate. The Company is not obligated to extend, expand or rearrange its facilities if it determines that existing distribution/transmission facilities are of adequate capacity to serve the customer's load.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321.

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Second Revised Sheet No. 86 (T)  
Cancels and Supersedes  
First Revised Sheet No. 86 (T)  
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RIDER DIR

DEVELOPMENT INCENTIVE RIDER

GENERAL

Under the terms of this Rider, qualifying customers are required to enter into a Special Contract with the Company which Special Contract shall be subject to approval by the Kentucky Public Service Commission. The Development Incentive Rider consists of two separate programs designed to encourage development and/or redevelopment within the Company's service territory. These two programs are the Economic Development Program and the Urban Redevelopment Program. Each of these programs is described below.

PROGRAM DESCRIPTIONS

Economic Development (ED) Program

Available, at the Company's option, to non-residential customers receiving service under the provisions of one of the Company's non-residential tariff schedules. The ED Program is available for load associated with initial permanent service to new establishments, expansion of existing establishments, or new customers in existing establishments who make application to the Company for service under the ED Program of this Rider and the Company approves such application. The new load applicable under the ED Program must be a minimum of 1,000 kW at one delivery point. To qualify for service under the ED Program, the customer must meet the qualifications as set forth below. Further, the customer must have applied for and received economic assistance from the State or local government or other public agency before the Company will approve a Service Agreement under the ED Program. Where the customer is new to the Company's service area or is an existing customer expanding:

- 1) the Company would expect the customer employ an additional workforce in the Company's service area of a minimum of twenty-five (25) full-time equivalent (FTE) employees per 1,000 kW of new load. Employment additions must occur following the Company's approval for service under this Rider, and;
- 2) the Company would expect that the customer's new load would result in capital investment of one million dollars (\$1,000,000) per 1,000 kW of new load, provided that such investment is accompanied by a net increase in FTE employees employed by the customer in the Company's service area. This capital investment must occur following the Company's approval for service under this Rider.

The Company may also consider applying the ED Program to an existing customer who, but for economic incentives being provided by the State and/or local government or public agency, would leave the Company's service area. In this event, the customer must agree, at a minimum, to retain the current number of FTE employees.

The ED Program is not available to a new customer which results from a change in ownership of an existing establishment. However, if a change in ownership occurs after the customer enters into a Special Contract for service under the ED Program, the successor customer may be allowed to fulfill the balance of the Special Contract under the ED Program. The ED Program is also not available for renewal of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. The ED Program is not available for load shifted from one customer to another within the Company's service area.

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

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**PROGRAM DESCRIPTIONS (Contd.)**

**Urban Redevelopment (UR) Program**

Applicable to new customers locating in an existing building of 25,000 square feet or more, which has been unoccupied and/or remained dormant for a period of two years or more, as determined by the Company. The new customer load must be a minimum of 500 kW at one delivery point. In addition, the requested service necessary to serve the new load must not result in additional investment in distribution or transmission facilities by the Company, excepting that minor alterations in the service supplied which can be accomplished feasibly and economically may be allowed.

The UR Program is not available for renewal of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. The UR Program is also not available for load shifted from one establishment to another in the Company's service area. However, if a change of ownership occurs after the customer enters into a Special Contract under the UR Program, the successor customer may be allowed to fulfill the balance of the Special Contract under the UR Program.

**NET MONTHLY BILLING**

The customer shall comply with all terms of the standard tariff rate under which the customer takes service except that the customer's total bill for electric service, less any rate adjustment rider amounts as shown on the standard service tariff, shall be reduced by up to fifty (50) percent for a period of twelve (12) months. The customer will pay the full amount of the riders so indicated. The customer may request an effective date of the Rider which is no later than twelve (12) months after the Special Contract is approved and signed by the Company. All subsequent billings shall be at the appropriate full standard service tariff rate.

**TERMS AND CONDITIONS**

The Service Agreement shall specify, among other things, the voltage at which the customer will be served, a description of the amount and nature of the new load and the basis on which the customer requests qualification under this Rider. The customer must affirm that the availability of this Rider was a factor in the customer's decision to locate the new load or retain current load in the Company's service area.

For customers entering into a Service Agreement under this Rider due to expansion, the Company may install, at customer's expense, metering equipment necessary to measure the new load to be billed under the provisions of this Rider separate from the customer's existing load which shall be billed under the applicable standard tariff schedule.

Following the effective date of the Special Contract, the customer must maintain a minimum demand in accordance with the Service Agreement and maintain a monthly average load factor of 40 percent. Failure to do so will result in the customer being billed a minimum bill based on the minimum demand specified in the Service Agreement and a monthly average load factor of 40 percent.

The customer shall continue to take service from the Company at the same or greater demand and usage levels for a period of at least two (2) years following the twelve (12) month incentive period. The customer shall be billed monthly for two (2) years following the twelve (12) month incentive period based on the greater of: (a) its actual monthly demand and usage levels; or (b) its average demand and usage levels during the twelve (12) month incentive period.

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Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

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**TERMS AND CONDITIONS (Contd.)**

The terms of this rider do not prevent the Company from offering different terms under a special contract if the Company deems it appropriate. The Company is not obligated to extend, expand or rearrange its facilities if it determines that existing distribution/transmission facilities are of adequate capacity to serve the customer's load.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321.

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Issued: September 1, 2017

Effective: October 1, 2017

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

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**RIDER GP**

**DUKE ENERGY'S GoGREEN KENTUCKY  
GREEN POWER / CARBON OFFSET RIDER**

**APPLICABILITY**

Applicable to any residential customer (Rate RS) who wishes to purchase "Green Power" and/or "Carbon Offsets" from Duke Energy's GoGreen Kentucky program. The pilot program will end December 31, 2012.

**DEFINITION OF GREEN POWER AND CARBON OFFSETS**

Green Power includes energy generated from renewable and/or environmentally friendly sources, including:

Wind, Solar Photovoltaic, Biomass Co-firing of Agricultural Crops and All energy crops, Hydro – as certified by the Low Impact Hydro Institute, Incremental Improvements in Large Scale Hydro, Coal Mine Methane, Landfill Gas, Biogas Digesters, Biomass Co-firing of All Woody Waste including mill residue, but excluding painted or treated lumber. Green Power includes the purchase of Renewable Energy Certificates.

Carbon Offsets are financial instruments representing a reduction in greenhouse gas emissions. One Carbon Credit represents the reduction of one metric ton of carbon dioxide (CO<sub>2</sub>) or its equivalent in other greenhouse gases. Each Carbon Offset available under this tariff represents a 500 pound (lbs) block reduction of CO<sub>2</sub> (approximately ¼ of a Carbon Credit).

**NET MONTHLY BILL**

Customers who participate under this rider will be billed for electric service under all applicable tariffs including all applicable riders.

Green Power purchased under this rider, will be billed at the applicable Green Power rate times the number of 100 kWh blocks the customer has agreed to purchase per month.

The Green Power rate shall be \$2.00 per 100 kWh block with a minimum monthly purchase of two 100 kWh blocks.

Carbon Offsets purchased under this rider, will be billed at the applicable Carbon Offset rate times the number of Carbon Offsets the customer has agreed to purchase per month.

The Carbon Offset rate shall be \$4.00 per 500 lbs offset block.

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(T)

Duke Energy Kentucky, Inc.  
525 5th Street, Suite 228  
Covington, Kentucky 41011

KY.P.S.C. Electric No. 2  
Second Revised Sheet No. 88  
Cancels and Supersedes  
First Revised Sheet No. 88  
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#### TERMS AND CONDITIONS

1. The customer shall enter into a service agreement with Company that shall specify the number of kWh blocks and/or Carbon Offsets to be purchased monthly and the corresponding rates(s) per unit. The Customer shall give Company thirty (30) days notice prior to cancellation of participation in this rider.
2. Funds collected from this tariff will be used to purchase Renewable Energy Certificates (RECs) and/or carbon credits from renewable and environmentally friendly sources as described in the DEFINITION OF GREEN POWER AND CARBON OFFSETS section and for customer education, marketing, and costs of the GoGreen Power Program.
3. Renewable Energy Certificate (REC) shall mean tradable units that represent the commodity formed by unbundling the environmental attributes of a unit of renewable or environmentally friendly energy from the underlying electricity. One REC would be equivalent to the environmental attributes of one MWH of electricity from a renewable or environmentally friendly generation source.
4. Carbon Credit shall mean tradable units that represent the reduction of the release of a greenhouse gas in the equivalent of one metric ton of CO<sub>2</sub>. A Carbon Offset represents approximately ¼ of a Carbon Credit.
5. Company reserves the right to terminate the Rider or revise the pricing or minimum purchase amount of the Rider after giving 60 days notice to the Kentucky Public Service Commission.
6. Company may obtain RECs from purchased power, company owned generation, or third party brokers purchased with funds collected from this rider.

Company may obtain Carbon Credits from third party brokers or company owned projects with funds collected from this rider.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated February 5, 2010 in Case No. 2009-00408.

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Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2 (T)  
Fourth Revised Sheet No. 89  
Cancels and Supersedes  
Third Revised Sheet No. 89 (T)  
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**RIDER NM**  
**NET METERING RIDER**

**AVAILABILITY**

Net Metering is available to eligible customer-generators in the Company's service territory, upon request, and on a first-come, first-served basis up to a cumulative capacity of 1% of the Company's single hour peak load in Kentucky during the previous year. If the cumulative generating capacity of net metering systems reaches one percent (1%) of the Company's single hour peak load during the previous year, upon Commission approval, the Company's obligation to offer net metering to a new customer-generator may be limited. An eligible customer-generator shall mean a retail electric customer of the Company with a generating facility that:

- (1) Generates electricity using solar energy, wind energy, biomass or biogas energy, or hydro energy;
- (2) Has a rated capacity of not greater than thirty (30) kilowatts;
- (3) Is located on the customer's premises;
- (4) Is owned and operated by the customer;
- (5) Is connected in parallel with the Company's electric distribution system; and
- (6) Has the primary purpose of supplying all or part of the customer's own electricity requirements.

At its sole discretion, the Company may provide Net Metering to other customer-generators not meeting all the conditions listed above on a case-by-case basis.

The term "Customer" hereinafter shall refer to any customer requesting or receiving Net Metering services under this tariff.

**METERING**

The Company shall provide net metering services, without any cost to the Customer for metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. This provision does not relieve Customer of his or her responsibility to pay metering costs embedded in the utility's Commission-approved base rates.

The standard kilo-watt-hour metering system shall use one of the following methods, as determined solely by the Company:

- (1) A single standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions and registering the net amount in one register.
- (2) A single standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions and registering the amount of flow in each direction in two separate registers, one measuring the flow of electricity from the Company to the Customer and the other measuring the flow of electricity from the Customer to the Company.

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321. (T)

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**METERING (Cont'd.)**

- (3) If method (1) or (2) is not feasible, two standard kilowatt-hour meters may be used, one measuring the flow of electricity from the Company to the Customer and the other measuring the flow of electricity from the Customer to the Company.

In method (2) or (3), subtracting one register or meter reading from the other register or meter reading will yield the same result as if method (1) were used.

Any additional meter, meters, or distribution upgrades needed to monitor the flow in each direction shall be installed at the Customer's expense.

**BILLING**

The measurement of net electricity supplied by the Company and delivered to the Company shall be calculated in the following manner. The Company shall measure the difference between the amount of electricity delivered by the Company to the Customer and the amount of electricity generated by the Customer and delivered to the Company during the billing period, in accordance with one of the methods listed under "METERING". If the kWh delivered by the Company to the Customer exceeds the kWh delivered by the Customer to the Company during the billing period, the Customer shall be billed for the kWh difference. If the kWh generated by the Customer and delivered to the Company exceeds the kWh supplied by the Company to the Customer during the billing period, the Customer shall be credited in the next billing cycle for the kWh difference. Any unused credit when the Customer closes his account will be granted to the Company.

Bill charges and credits will be in accordance with the same standard tariff that would apply if the Customer were not a customer-generator. If time-of-use metering is used, the electricity fed back to the electric grid by the Customer shall be net-metered and accounted for at the specific time it is fed back to the electric grid in accordance with the time-of-use billing agreement currently in place.

Net metering credits are not transferable between customers or locations.

**APPLICATION AND APPROVAL PROCESS**

The Customer shall submit an Application for Interconnection and Net Metering ("Application") and receive approval from the Company prior to connecting the generator facility to the Company's system.

Applications will be submitted by the Customer and reviewed and processed by the Company according to either Level 1 or Level 2 processes defined below.

The Company may reject an Application for violations of any code, standard, or regulation related to reliability or safety; however, the Company will work with the Customer to resolve those issues to the extent practicable.

Customers may contact the Company to check on status of an Application or with questions prior to submitting an Application. Company contact information can be found on the Application form.

Application forms along with instructions on how to submit an application are available on the Company's website.

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## LEVEL 1

A Level 1 Application shall be used if the generating facility is inverter based and is certified by a nationally recognized testing laboratory to meet the requirements of Underwriters Laboratories Standard 1741 "Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources" (UL 1741).

The Company will approve the Level 1 Application if the generating facility also meets all of the following conditions:

- (1) For interconnection to a radial distribution circuit, the aggregated generation on the circuit, including the proposed generating facility, will not exceed 15% of the Line Section's most recent annual one hour peak load. A line section is the smallest part of the primary distribution system the generating facility could remain connected to after operation of any sectionalizing devices.
- (2) If the proposed generating facility is to be interconnected on a single-phase shared secondary, the aggregate generation capacity on the shared secondary, including the proposed generating facility, will not exceed the smaller of 20 kVA or the nameplate rating of the transformer.
- (3) If the proposed generating facility is single-phase and is to be interconnected on a center tap neutral of a 240 volt service, its addition shall not create an imbalance between the two sides of the 240 volt service of more than 20% of the nameplate rating of the service transformer.
- (4) If the generating facility is to be connected to three-phase, three wire primary utility distribution lines, the generator shall appear as a phase-to-phase connection at the primary utility distribution line.
- (5) If the generating facility is to be connected to three-phase, four wire primary utility distribution lines, the generator shall appear to the primary utility distribution line as an effectively grounded source.
- (6) The interconnection will not be on an area or spot network<sup>1</sup>.
- (7) The Company does not identify any violations of any applicable provisions of IEEE 1547, "Standard for Interconnecting Distributed Resources with Electric Power Systems".
- (8) No construction of facilities by the Company on its own system will be required to accommodate the generating facility

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<sup>1</sup>Area and spot networks are systems where multiple transformers are interconnected on the secondary side and multiple primary voltage circuits are used to feed the transformers. A spot network is typically used to serve a single building and the transformers are all in one location. An area network typically serves multiple customers with secondary conductors covering multiple city blocks and with transformers at various locations.

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Fourth Revised Sheet No. 89  
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### LEVEL 1 (Cont'd)

If the generating facility does not meet all of the above listed criteria, the Company, in its sole discretion, may either: 1.) approve the generating facility under the Level 1 Application if the Company determines that the generating facility can be safely and reliably connected to the Company's system; or 2) deny the application as submitted under the Level 1 Application.

The Company shall notify the customer within 20 business days whether the application is approved or denied, based on the criteria provided in this section.

If the application lacks complete information, the Company shall notify the Customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the time to process the application.

The Customer shall be notified whether the application is approved in writing. The approval will be conditioned upon successful completion of an initial installation inspection and witness test if required by the Company. The Company's written approval will indicate if an inspection and witness test are required. If an inspection and witness test are required, the Customer shall notify the Company within 3 business days of completion of the generating facility installation and schedule an inspection and witness test with the Company to occur within 10 business days of completion of the generator facility installation or as otherwise agreed to by the Company and the Customer. If an inspection and witness test is required, the Customer may not operate the generating facility (except for operational testing not to exceed two hours) until successful completion of such inspection and witness test. If the installation fails the inspection or witness test due to non-compliance with any provision in the Application and Company approval, the Customer shall not operate the generating facility until any and all non-compliance is corrected and re-inspected by the Company.

If the Application is denied, the Company will supply the Customer with reasons for denial. The Customer may resubmit under Level 2 if appropriate.

### LEVEL 2

A Level 2 Application is required under any of the following:

- (1) The generating facility is not inverter based;
- (2) The generating facility uses equipment that is not certified by a nationally recognized testing laboratory to meet the requirements of UL 1741; or
- (3) The generating facility does not meet one or more of the additional conditions under Level 1.

The Company will approve the Level 2 application if the generating facility meets the Company's technical interconnection requirements, which are based on IEEE 1547. The Company's technical interconnection requirements are available on the Company's website or upon request.

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321.

Issued: September 1, 2017

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Duke Energy Kentucky, Inc.  
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KY.P.S.C. Electric No. 2  
Fourth Revised Sheet No. 89  
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Third Revised Sheet No. 89  
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## **LEVEL 2 (Cont'd.)**

The Company will process the Level 2 Application within 30 business days of receipt of a complete application. Within that time the Company will respond in one of the following ways:

1. The application is approved and the Company will provide the Customer with an Interconnection Agreement to sign.
2. If construction or other changes to the Company's distribution system are required, the cost will be the responsibility of the Customer. The Company will give notice to the Customer and offer to meet to discuss estimated costs and construction timeframe. Should Customer agree to pay for costs and proceed, Company will provide the Customer with an Interconnection Agreement to sign within a reasonable time.
3. The application is denied. The Company will supply the Customer with reasons for denial and offer to meet to discuss possible changes that would result in Company approval. Customer may resubmit application with changes.

If application lacks complete information, Company shall notify Customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the 30 business day target to process the application.

The Interconnection Agreement will contain all the terms and conditions for interconnection consistent with those specified in this tariff, inspection and witness test requirements, description of and cost of construction or other changes to the Company's distribution system required to accommodate the generating facility, and detailed documentation of the generating facilities which may include single line diagrams, relay settings, and description of operation.

Customer may not operate the generating facility until an Interconnection Agreement is signed by the Customer and Company and all necessary conditions stipulated in the agreement are met.

## **APPLICATION, INSPECTION AND PROCESSING FEES**

No application fees or other review, study, or inspection fees are charged by the Company for Level 1 or Level 2 applications.

## **TERMS AND CONDITIONS FOR INTERCONNECTION**

To interconnect to the Company's distribution system, the Customer's generating facility shall comply with the following terms and conditions:

1. The Company shall provide Customer net metering services, without charge for standard metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. If the Customer requests any additional meter or meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the Customer's expense.

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Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

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**TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)**

2. Customer shall install, operate, and maintain, at Customer's sole cost and expense, any control, protective, or other equipment on the Customer's system required by the Company's technical interconnection requirements based on IEEE 1547, the NEC, accredited testing laboratories such as Underwriters Laboratories, and the manufacturer's suggested practices for safe, efficient and reliable operation of the generating facility in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance and safe operation of the generating facility. Upon reasonable request from the Company, Customer shall demonstrate generating facility compliance.
3. The generating facility shall comply with, and Customer shall represent and warrant its compliance with: (a) any applicable safety and power quality standards established by IEEE and accredited testing laboratories such as Underwriters Laboratories; (b) the NEC as may be revised from time to time; (c) Company's rules, regulations, and Company's Service Regulations as contained in Company's Retail Electric Tariff as may be revised from time to time with the approval of the Kentucky Public Service Commission (Commission); (d) the rules and regulations of the Commission, as such rules and regulations may be revised from time to time by the Commission; and (e) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time. Where required by law, Customer shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.
4. Any changes or additions to the Company's system required to accommodate the generating facility shall be considered excess facilities. Customer shall agree to pay Company for actual costs incurred for all such excess facilities prior to construction.
5. Customer shall operate the generating facility in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics or otherwise interfere with the operation of Company's electric system. At all times when the generating facility is being operated in parallel with Company's electric system, Customer shall so operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Company to any of its other customers or to any electric system interconnected with Company's electric system. Customer shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.
6. Customer shall be responsible for protecting, at Customer's sole cost and expense, the generating facility from any condition or disturbance on Company's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges, except that the Company shall be responsible for repair of damage caused to the generating facility resulting solely from the negligence or willful misconduct on the part of the Company.

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321.

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Effective: October 1, 2017

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Fourth Revised Sheet No. 89  
Cancels and Supersedes  
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**TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)**

7. After initial installation, Company shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to Customer, Company shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance and operation of the generating facility comply with the requirements of this Tariff.
8. For inverter based systems that are certified by a nationally recognized testing laboratory to meet the requirements of UL 1741, the Company does not require a Customer owned external disconnect switch (EDS). For other generating facility types, an isolation device that satisfies the Company's technical interconnection requirements must be included. Where required by the Company, an eligible Customer shall furnish and install on Customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the Customer's energy generating equipment from Company's electric service under the full rated conditions of the Customer's generating facility. The EDS shall be located adjacent to Company's meters or the location of the EDS shall be noted by placing a sticker on the meter, and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the Customer shall be responsible for ensuring the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Company personnel at all times.
9. Company shall have the right and authority at Company's sole discretion to isolate the generating facility or require the Customer to discontinue operation of the generating facility if Company believes that: (a) continued interconnection and parallel operation of the generating facility with Company's electric system creates or contributes (or may create or contribute) to a system emergency on either Company's or Customer's electric system; (b) the generating facility is not in compliance with the requirements of this Tariff, and the non-compliance adversely affects the safety, reliability or power quality of Company's electric system; or (c) the generating facility interferes with the operation of Company's electric system. In non-emergency situations, Company shall give Customer notice of noncompliance including a description of the specific noncompliance condition and allow Customer a reasonable time to cure the noncompliance prior to isolating the Generating Facilities. In emergency situations, where the Company is unable to immediately isolate or cause the Customer to isolate only the generating facility, the Company may isolate the Customer's entire facility.
10. Customer shall agree that, without the prior written permission from Company, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components with like components that meet UL 1741 certification requirements for Level 1 facilities and not resulting in increases in generating facility capacity is allowed without approval.

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**TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)**

11. To the extent permitted by law, the Customer shall protect, indemnify and hold harmless the Company and its directors, officers, employees, agents, representatives and contractors against and from all loss, claims, actions or suits, including costs and attorneys fees, for or on account of any injury or death of persons or damage to property caused by the Customer or the Customer's employees, agents, representatives and contractors in tampering with, repairing, maintaining or operating the Customer's generating facility or any related equipment or any facilities owned by the Company except where such injury, death or damage was caused or contributed to by the fault or negligence of the Company or its employees, agents, representatives or contractors.

The liability of the Company to the Customer for injury to person and property shall be governed by the tariff(s) for the class of service under which the Customer is taking service.

12. The Customer shall maintain general liability insurance coverage (through a standard homeowner's, commercial or other policy) for both Level 1 and Level 2 generating facilities. Customer shall upon request provide Company with proof of such insurance at the time that application is made for net metering.
13. By entering into an Interconnection Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the generating facility equipment, controls, and protective relays and equipment.
14. A Customer's generating facility is transferable to other persons or service locations only after notification to the Company has been made and verification that the installation is in compliance with this tariff. Upon written notification that an approved generating facility is being transferred to another person, customer or location, the Company will verify that the installation is in compliance with this tariff and provide written notification to the customer(s) within 20 business days. If the installation is no longer in compliance with this tariff, the Company will notify the Customer in writing and list what must be done to place the facility in compliance.
15. The Customer shall retain any and all Renewable Energy Credits (RECs) that may be generated by their generating facility.

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**BAD CHECK CHARGE**

**APPLICABILITY**

Applicable to all customers in the Company's electric service area.

**CHARGE**

The Company may charge and collect a fee of \$11.00 to cover the cost of handling an unsecured check, where a customer tenders in payment of an account a check which upon deposit by the Company is returned as unpaid by the bank for any reason.

**SERVICE REGULATIONS**

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

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321. (T)

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Issued: September 1, 2017 Effective: October 1, 2017 (T)

Issued by James P. Henning, President (T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

(T)

(T)

### CHARGE FOR RECONNECTION OF SERVICE

#### APPLICABILITY

Applicable to all customers in the Company's entire service area who are in violation of Section 1, Rule 3, Company's Right to Cancel Service Agreement or to Suspend Service, of the Company's Electric Service Regulations.

#### CHARGE

The Company may charge and collect in advance the following:

A. The reconnection charge for service which has been disconnected due to enforcement of Rule 3 shall be twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely.

(T)

(N)

B. The reconnection charge for service which has been disconnected within the preceding twelve months at the request of the customer shall be twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely.

(T)

(N)

(T)

C. If service is discontinued because of fraudulent use thereof, the Company may charge and collect in addition to the reconnection charge of twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely, the expense incurred by the Company by reason of such fraudulent use, plus an estimated bill for electricity used, prior to the reconnection of service.

(T)

(N)

(T)

D. If both the gas and electric services are reconnected at one time, the total charge shall not exceed eighty-eight dollars (\$88.00).

(I)

E. Where electric service was disconnected at the pole because the Company was unable to gain access to the meter, the reconnection charge shall be one hundred twenty-five dollars (\$125.00). If the gas service is also reconnected the charge shall be one hundred fifty (\$150.00).

(I)

(I)

F. If the Company receives notice after 2:30 p.m. of a customer's desire for same day reinstatement of service and if the reconnection cannot be performed during normal business hours, and the reconnection cannot be performed remotely, the after hour reconnection charge for connection shall be an additional twenty-five dollars (\$25.00). Customers will be notified of the additional \$25.00 charge for reconnection at the meter or at the pole at the time they request same day service.

(T)

(T)

G. If a Company employee, whose original purpose was to disconnect the service, has provided the customer a means to avoid disconnection, service which otherwise would have been disconnected shall remain intact, and no reconnection charge shall be assessed. However, a collection charge of fifty dollars (\$50.00) may be assessed, but only if a Company employee actually makes a field visit to the customer's premises.

(I)

#### SERVICE REGULATIONS

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Issued by authority of an Order of the Kentucky Public Service Commission, dated \_\_, 2017 in Case No. 2017-00321.

(T)

(T)

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(T)



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**RATE DPA** (T)

**DISTRIBUTION POLE ATTACHMENTS** (T)

**APPLICABILITY**

Applicable to the attachment of cable television systems and other qualifying attachments to any distribution pole of the Company by a person (attachee) who makes application on an appropriate Company form with submission of information and documents specified herein and in the application. Attachee must contract with Company. Attachees with active joint use agreements are excluded from this rate. This rate does not expand the rights to attach to the Company's structures beyond rights established by law. (T)  
(T)  
(T)  
(T)  
(T)

**ATTACHMENT CHARGES**

The following annual rental rate per foot of pole shall be charged for the use of each of the Company's poles: (T)

\$6.35 per foot for a two-user pole. (I)

\$5.31 per foot for a three-user pole. (I)

A two-user pole is a pole being used, either by actual occupation or by reservation, by the attachee and the Company. A three-user pole is a pole being used, either by actual occupation or by reservation, by the attachee, the Company and a third party.

**PAYMENT**

Attachee shall pay to the Company for all authorized attachments an annual rental, as set forth above, for the use of each of the Company's pole, any portion of which is occupied by, or reserved at attachee's request for the attachments of attachee, at any time during the initial rental year. The first annual payment of rental for the previous rental year shall be due and payable on the first anniversary date of attachee's application. Subsequent payments of annual rental shall be due and payable on each succeeding anniversary date thereof.

As newly authorized attachments are made after the initial rental year, rentals for such attachments shall be paid for the entire year if made within the six month period after any anniversary date, and for on-half year if made during the following six month period. For any attachments removed by attachee and for which the Company shall have received written notice from attachee, the yearly rental shall be prorated to the date of removal.

All fees, charges and rentals provided for herein not paid when due and payable shall bear interest at the maximum rate permitted by law from the date when due, until paid.

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(T)

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(T)  
(T)

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**TERMS AND CONDITIONS**

1. Prior to the signing of the application, attachee shall send the Company all manufacturers' technical manuals and information, and construction standards and manuals regarding the equipment attachee proposes to use pursuant to the provisions contained herein and such other information as requested by the Company.
  
2. After the Company has received a signed application from attachee and before any attachment is made by attachee, it shall make a written request for permission to install attachments on any pole of the Company, specifying the location of each pole in question, the character of its proposed attachments and the amount and location of space desired. Within 30 days after receipt of such application, the Company shall notify attachee in writing whether or not it is willing to permit the attachments and, if so, under what conditions. If such permission is granted, attachee shall have the right to occupy the space allotted by the Company under the conditions specified in such permit and in accordance with the terms contained herein but Company shall not be required to set a pole for the sole use by attachee. Company will not deny attachee the right to attach to a pole, if space is or can be made available.
  
3. All attachments are to be placed on poles of the Company in a manner satisfactory to the Company and so as not to interfere with the present or any future use which the Company may desire to make of such poles, wires or other facilities. All attachments shall be installed and maintained by attachee so as to comply at least with the minimum requirements of the National Electrical Safety Code and any other applicable regulations or codes promulgated by federal, state, local or other governmental authority having jurisdiction. Attachee shall take any necessary precautions, by the installation of protective equipment or other means, to protect all persons and property of all kinds against injury or damage occurring by reason of attachee's attachments on the Company's poles. The Company shall be the sole judge as to the requirements for the present or future use of its poles and equipment and of any interference therewith.
  
4. In any case where it is necessary for the Company to replace a pole because of the necessity of providing adequate space or strength to accommodate the attachments of attachee thereon, either at the request of attachee or to comply with the above codes and regulations, the attachee shall pay the Company the total cost of this replacement. Such cost shall be the total estimated cost of the new pole including material, labor, and applicable overheads, plus the cost of transferring existing electric facilities to the new pole, plus the cost of removal of the existing pole and any other incremental cost required to provide for the attachments of the attachee, including any applicable taxes the Company may be required to pay because of this change in plant, minus salvage value of any poles removed.  
Attachee shall also pay to the Company and other owners thereof the cost of removing all existing attachments from the existing pole and re-establishing the same or like attachments on the newly installed pole. The new pole shall be the property of the Company regardless of any payments by attachee towards its cost and attachee shall acquire no right, title or interest in such pole.

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**TERMS AND CONDITIONS (Contd.)**

5. If attachee's proposed attachments can be accommodated on existing poles of the Company by rearranging facilities of the Company and of other attachees or permittees thereon, such rearrangement shall be made by the Company and such other attachees or permittees, and attachee shall on demand reimburse the Company and such other attachees or permittees for any expense incurred by them in transferring or rearranging such facilities. Any additional guying required by reason of the attachments of attachee shall be made by attachee at its expense, and to the satisfaction of the Company. (T)
6. Whenever the Company discovers any unauthorized attachments of attachee, attachee shall pay to the Company an amount equal to twice the rental that would have been due had the installation been made the day after the Company's last inspection. The payment of these charges shall not relieve attachee of any responsibility, obligation imposed by law or assumed herein.
7. Whenever the Company notifies attachee in writing that the attachments of attachee interfere with the operation of facilities of the Company or other attachees or permittees, or constitute a hazard to the service rendered by the Company or other attachees or permittees, or fail to comply with codes or regulations above-mentioned, or are substandard in any way, attachee shall within 10 days after the date of such notice, remove, rearrange, or change its attachments as directed by the Company. In case of emergency, the Company reserves the right to remove or relocate the attachments of attachee at attachee's expense and without notice.
8. Attachee agrees to indemnify and save harmless Company from and against any and all liability, loss, damage, costs, attorney fees, or expense, of whatsoever nature or character, arising out of or occasioned by any claims or any suit for damages, injunction or other relief, on account of injury to or death of any person, or damage to any property including the loss of use thereof, or on account of interruption of attachee's service to its subscribers or others, or for public charges and penalties for failure to comply with federal, state or local laws or regulations, growing out of or in connection with any actual or alleged negligent act or omission, whether said negligence is sole, joint or concurrent, of attachee or its servants, agents or subcontractors, whether or not due in part to any act, omission or negligence of Company or any of its representatives or employees. Company may require attachee to defend any suits concerning the foregoing, whether such suits are justified or not.
9. Attachee agrees to obtain and maintain at all times during the period attachee has attachments on Company's poles, policies of insurance or bonds in lieu thereof providing an equivalent protection as follows:
  - (a) Public liability and automobile liability insurance for itself in an amount not less than \$500,000.00 for bodily injury to or death of any one person, and, subject to the same limit for any one person, in an aggregate amount not less than \$1,000,000.00 for any one occurrence.

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**TERMS AND CONDITIONS (Contd.)**

- (b) Property damage liability insurance for itself in an amount not less than \$500,000.00 for any one occurrence.
  - (c) Contractual liability insurance in the amounts set forth in (a) and (b) above, to cover the liability assumed by the attachee under the agreements of indemnity set forth herein.
10. Prior to making attachments to the Company's poles, attachee shall furnish to the Company two copies of a certificate or bond, from an insurance carrier or bond company acceptable to the Company, stating the policies of insurance or bond have been issued by it to attachee providing for the insurance or indemnity listed above and that such policies or bonds are in force. Such certificate shall state that the insurance carrier or bond company will give the Company 30 days prior written notice of any cancellation of or material change in such policies or bonds. The certificate or bond shall also quote in full the agreements of indemnity set forth herein as evidence of the type of contractual liability coverage furnished. If such certificate or bond recites that it is subject to any exceptions or exclusions, such exceptions or exclusions shall be stated in full in such certificate or bond, and the Company may, at its discretion, require attachee, before starting work, to obtain policies of insurance or bonds which are not subject to any exceptions or exclusions which the Company finds objectionable.
  11. The Company reserves the right, without liability to attachee or its subscribers, to discontinue the use of, remove, replace or change the location of any or all of the Company's poles, attachments or facilities regardless of any occupancy of the Company's poles by attachee, and attachee shall at its sole cost after written notice by the Company, make such changes in, including removal or transfer of, its attachments as shall be required by such action of the Company. Attachee shall make such changes within 10 days after written notice when such movement is to the same or another pole of Company and within 30 days when Company plans to abandon a pole and no other pole is available or planned to be installed by Company. If attachee fails to make such changes within the required time period after written notice by the Company or in case of an emergency, the Company reserves the right to make such changes to the attachments of attachee at attachee's expense and without notice, and no liability therefor shall be incurred by the Company, unless Company is solely negligent, because of such action for any consequential damages, including but not limited to loss of service to customers of attachee. Company may not require that attachee remove attachments for the sole reason to make room for Company on an existing pole.
  12. Attachee may at any time abandon the use of a jointly used pole hereunder by removing therefrom all of its attachments and by giving written notice thereof to the Company.
  13. Attachee shall secure any right, license or permit from any governmental body, authority, or other person or persons which may be required for the construction or maintenance of attachments of attachee, at its expense. The Company does not guarantee any easements, rights-of-way or franchises for the construction and maintenance of such attachments.

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**TERMS AND CONDITIONS (Contd.)**

Attachee hereby agrees to indemnify and save harmless the Company from any and all claims, including the expenses incurred by the Company to defend itself against such claims, resulting from or arising out of the failure of attachee to secure such right, license, permit or easement for the construction or maintenance of such attachments on the Company's poles.

14. Electric service for cable television power supplies and other attachments of attachee shall be supplied from the lines of the Company in the manner specified by the Company. (T)
15. The Company shall have the right, from time to time while any poles are being used by attachee, to grant, by contract or otherwise, to others, rights or privileges to use any poles being used by attachee, and the Company shall have the right to continue and extend any such rights or privileges heretofore granted. The attachment privileges granted hereunder to an attachee shall at all times be subject to all previously granted rights pursuant to agreements between Company and others covering poles in joint use but shall not be subject to subsequently granted rights.
16. Attachee shall furnish bond, as specified by the Company, to guarantee the performance of the obligations assumed by attachee under the terms herein contained not otherwise covered by the insurance required by paragraph 9. Such bond shall be submitted to the Company prior to attachee's making attachments to the Company's poles. The amount of the bond may be reduced after the construction phase has been completed, and after attachee has proven to be a reliable utility customer. Allowance of such reduction shall not be unreasonably denied.
17. In case one party is obligated to perform certain work at its own expense and the parties mutually agree in writing that it is desirable for the other party to do such work, then such other party shall promptly do the work at the sole expense of the party originally obligated to perform the same. Bills for expense so incurred shall be due and payable within 30 days after presentation.
18. If attachee fails to comply with any of the provisions herein contained or defaults in the performance of any of its obligations herein contained and fails within 60 days after written notice from the Company to correct such default or non-compliance, the Company may, at its option, forthwith terminate the specific permit or permits covering the poles and attachee's attachments to which such default or non-compliance is applicable and any or all other permits of attachee, and remove attachments of attachee at attachee's expense, and no liability therefor shall be incurred by the Company because of such action except damages to facilities caused by the sole negligence of Company.
19. The area covered by the application will be set forth on a map, attached to, and made a part of the application. Such area may be extended or otherwise modified by a supplemental agreement mutually agreed upon and signed by the attachee and the Company with a new map attached thereto showing the changed area to be thereafter covered by the application. Such supplement shall be effective as of the date of final execution thereof and shall be attached to

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**TERMS AND CONDITIONS (Contd.)**

all executed copies of the application.

20. If attachee does not exercise the rights granted herein within six months from the date of the application, the application shall be void.
21. The provisions herein shall be binding upon and inure to the benefit of the parties thereto, their respective successors and/or assigns, but attachee shall not assign, transfer or sublet any of the rights hereby granted or obligations hereby assumed without the prior written consent of the Company.

**SERVICE REGULATIONS**

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

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**COGENERATION AND SMALL POWER  
PRODUCTION SALE AND PURCHASE TARIFF-100 kW OR LESS**

**APPLICABILITY**

The provisions of this tariff are applicable to qualifying cogeneration and small power production facilities as adopted by the Kentucky Public Service Commission (Ky. PSC), Regulation 807 KAR 5:054.

**DEFINITIONS**

Definitions of the following terms are as adopted by the Ky. PSC, 807 KAR 5:054 - Section 2:

- |                                     |                          |
|-------------------------------------|--------------------------|
| (1) Qualifying Facility             | (7) Interconnection Cost |
| (2) Cogeneration Facility           | (8) Supplementary Power  |
| (3) Small Power Production Facility | (9) Back-up Power        |
| (4) Purchase                        | (10) Interruptible Power |
| (5) Sale                            | (11) Maintenance Power   |
| (6) Avoided Cost                    | (12) System              |

**OBLIGATIONS**

- (1) Purchases  
The utility shall purchase from qualifying facilities in accordance with 807 KAR 5:054 - Sections 6 and 7.
- (2) Sales  
The utility shall sell to qualifying facilities in accordance with 807 KAR 5:054 - Section 6.
- (3) Interconnections  
The utility shall make interconnections with qualifying facilities as may be necessary to accomplish purchases or sales and the qualifying facility will pay for the interconnection costs in accordance with 807 KAR 5:054 - Section 6.
- (4) System Emergencies  
During system emergencies the utility may discontinue purchases and sales or the qualifying facilities may be required to provide energy or capacity in accordance with 807 KAR 5:054 - Section 6.

**STANDARDS FOR OPERATING RELIABILITY**

The technical requirements necessary for operating reliability are set forth in the Company's procedure entitled "Guideline Technical Requirements for Parallel Operation of Customer Generation on the Transmission System."

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**RATE SCHEDULES**

Rates for Purchases from qualifying facilities:

- (1) Energy Purchase Rate (T)  
The purchase rate shall be \$0.027645/kWh for all kilowatt-hours delivered. (R)
  
- (2) Capacity Purchase Rate (N)  
The purchase rate shall be \$3.90/kW-month for eligible capacity utilized by Company and (N)  
approved by PJM in Company's Fixed Resource Requirements (FRR) plan. Capacity purchases (N)  
are only applicable when Company requires additional capacity beyond Company owned (N)  
capacity. No capacity purchase will be made if QF cannot satisfy Company's capacity need or (N)  
Company does not have a capacity need. Capacity purchases are applicable to delivery years (N)  
in which capacity is utilized to meet capacity requirements in Company's FRR or successor plan. (N)  
QF must enter into a written contract with the Company to receive capacity payment. QF is (N)  
responsible for cost of all facilities on QF's site to meet and maintain eligibility as a PJM capacity (N)  
resource. QF is subject to all non-performance costs levied by PJM or successor, the Kentucky (N)  
Public Service Commission, or other applicable entity related to non-performance of QF's facility. (N)

Rates for Sales to qualifying facilities will be accomplished through existing tariff schedules on file with the Ky. PSC.

**SERVICE REGULATIONS, TERMS AND CONDITIONS**

The QF shall enter into a written contract with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.

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

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Duke Energy Kentucky , Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Fourth Revised Sheet No. 94 (T)  
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**COGENERATION AND SMALL POWER  
PRODUCTION SALE AND PURCHASE TARIFF-GREATER THAN 100 KW**

**APPLICABILITY**

The provisions of this tariff are applicable to qualifying cogeneration and small power production facilities as adopted by the Kentucky Public Service Commission (Ky. PSC), Regulation 807 KAR 5:054.

**DEFINITIONS**

Definitions of the following terms are as adopted by the Ky. PSC, 807 KAR 5:054 - Section 2:

- |                                     |                          |
|-------------------------------------|--------------------------|
| (1) Qualifying Facility             | (7) Interconnection Cost |
| (2) Cogeneration Facility           | (8) Supplementary Power  |
| (3) Small Power Production Facility | (9) Back-up Power        |
| (4) Purchase                        | (10) Interruptible Power |
| (5) Sale                            | (11) Maintenance Power   |
| (6) Avoided Cost                    | (12) System              |

**OBLIGATIONS**

- (1) Purchases  
The utility shall purchase from qualifying facilities in accordance with 807 KAR 5:054 - Sections 6 and 7.
- (2) Sales  
The utility shall sell to qualifying facilities in accordance with 807 KAR 5:054 - Section 6.
- (3) Interconnections  
The utility shall make interconnections with qualifying facilities as may be necessary to accomplish purchases or sales and the qualifying facility will pay for the interconnection costs in accordance with 807 KAR 5:054 - Section 6.
- (4) System Emergencies  
During system emergencies the utility may discontinue purchases and sales or the qualifying facilities may be required to provide energy or capacity in accordance with 807 KAR 5:054 - Section 6.

**STANDARDS FOR OPERATING RELIABILITY**

The technical requirements necessary for operating reliability are set forth in the Company's procedure entitled "Guideline Technical Requirements for Parallel Operation of Customer Generation on the Transmission System."

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Duke Energy Kentucky , Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

**RATE SCHEDULES**

Rates for Purchases from qualifying facilities:

(1) Energy Purchase Rate

The Purchase Rate for all kilowatt-hours delivered shall be the PJM Real-Time Locational Marginal Price for power at the DEK Aggregate price node, inclusive of the energy, congestion and losses charges, for each hour of the billing month.

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(T)

(2) Capacity Purchase Rate

The purchase rate shall be \$3.90/kW-month for eligible capacity utilized by Company and approved by PJM in Company's Fixed Resource Requirements (FRR) plan. Capacity purchases are only applicable when Company requires additional capacity beyond Company owned capacity. No capacity purchase will be made if QF cannot satisfy Company's capacity need or Company does not have a capacity need. Capacity purchases are applicable to delivery years in which capacity is utilized to meet capacity requirements in Company's FRR or successor plan. QF must enter into a written contract with the Company to receive capacity payment. QF is responsible for cost of all facilities on QF's site to meet and maintain eligibility as a PJM capacity resource. QF is subject to all non-performance costs levied by PJM or successor, the Kentucky Public Service Commission, or other applicable entity related to non-performance of QF's facility.

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(Z)  
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(Z)  
(Z)  
(Z)  
(Z)  
(Z)  
(Z)

Rates for Sales to qualifying facilities will be accomplished through existing tariff schedules on file with the Ky. PSC.

**SERVICE REGULATIONS, TERMS AND CONDITIONS**

The QF shall enter into a written contract with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.

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

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**LOCAL FRANCHISE FEE**

**APPLICABLE TO ALL RATE SCHEDULES**

There shall be added to the customer's bill, listed as a separate item, an amount equal to the fee now or hereafter imposed by local legislative authorities, whether by ordinance, franchise or other means, which fee is based on the gross receipts collected by the Company from the sale of electricity to customers within the boundaries of the particular legislative authority. Such amount shall be added exclusively to bills of customers receiving service within the territorial limits of the authority imposing the fee.

Where more than one such fee is imposed, each of the charges applicable to each customer shall be added to the customer's bill and listed separately.

Where the local legislative authority imposes a flat, fixed amount on the Company, the fee applied to the bills of customers receiving service within the territorial boundaries of that authority, shall be in the form of a flat dollar amount.

The amount of such fee added to the customer's bill shall be determined in accordance with the terms of the ordinance, franchise or other directive agreed to by the Company.

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**RATE UDP-R**

**UNDERGROUND RESIDENTIAL DISTRIBUTION POLICY**

**APPLICABILITY**

Applicable to the electric service of: 1. single family houses in increments of ten (10) or more contiguous lots with a maximum lot width of one hundred twenty (120) feet; or 2. multi-family dwellings in buildings containing five (5) or more individually metered family units. Rate UDP-R is available throughout the service area of the Company in those situations where the Company extends its distribution lines using pad-mounted transformers to serve new developments.

**CHARGES**

The following charges will be assessed:

1. Single Family Houses.

- A. \$2.15 per front foot for all primary extensions. Primary extension on private property will be charged \$2.15 per linear trench foot; and
- B. An additional \$2.00 per linear trench foot shall be charged where extremely rocky conditions are encountered, such conditions being defined as limestone or other hard stratified material in a continuous volume of at least one cubic yard or more which cannot be removed using ordinary excavation equipment.

2. Multi-Family Units.

There shall be no charge except where extremely rocky conditions are encountered, then the \$2.00 per linear trench foot, as stated and defined above, shall be charged.

3. Targeted Underground for Service Improvement

Notwithstanding the above charges and upon Kentucky Public Service Commission approval, Company will waive above charges, maintain, and take ownership of customer service lines and equipment (curb, property line, or service lateral to the meter base) to and including the electric meter. This provision applies only to Company designated installations identified to improve the resiliency of service to the customer.

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#### GENERAL CONDITIONS

1. Others shall, in accordance with the specification of the Company and local inspection authority, furnish, install, own and maintain the customer services excluding installations falling under Charges section Item 3 above. The Company shall connect the customer service cable to its distribution system and provide and install pull-boxes, if necessary.
2. The Developer shall furnish and install all conduit and crossovers required by the Company, including all areas where paving is installed prior to the installation of the Company's distribution facilities, and be responsible for installing and maintaining these crossovers in accordance with the Company's specifications and location plans until the underground electric line is completed. A Company inspector must approve all crossovers before the trenches are backfilled; and the Developer shall stake each end of every crossover with a stake marked "ELEC." The Company shall determine where conduit and crossovers are required.
3. The Developer shall complete and be responsible for maintaining final grade within the right-of-way and the street until the street has been dedicated and accepted by the local government.
4. The Company shall determine the route of all Company-owned underground electric line extensions. Such facilities must be located so as to accessible at all times for switching and maintenance.
5. The point at which the underground distribution system begins shall be determined by the Company and the overhead primary extension to this point may be installed as open-wire conductors.
6. The Company shall determine equipment locations and such facilities must be accessible from adequate driveways, protected from mechanical hazards and placed so as to maintain proper clearance from building openings.
7. The Company shall determine the number of customers to be served from each transformer or pull-box, where meters shall be located and how they shall be grouped.
8. The Developer, at the Company's option, may be required to pay to the Company a deposit on the contracted charges when the agreement is executed. The Developer shall pay to the Company the balance due under said agreement at the Company's preconstruction meeting, at which time the work performed by the Company is scheduled.
9. The Developer shall furnish to the Company the required number of plat drawings approved by governmental authorities having jurisdiction, and any revisions of such plats, which shall indicate the location of all proposed driveways, parking areas, building openings and sewer, water, gas and telephone facilities.

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**GENERAL CONDITIONS (Contd.)**

10. The Developer shall stake all required lot corners or control points along the cable route as specified by the Company.
11. The Developer shall complete final grade of distribution line route before construction work is started and be responsible for maintaining same during construction. The Company shall permit a maximum cut of six inches for sidewalk and driveways after their facilities have been installed. No fill will be permitted after the Company's facilities have been installed except by written permission from the Company. If it is necessary to change the grade of the Company's facilities due to changes by the Developer, all costs of the change shall be borne by the Developer.
12. The underground construction area shall be clear of all other construction forces and, after the underground construction has begun, it shall not be interrupted by other construction forces.
13. The Developer shall enter into a written agreement with the Company. This agreement and an attached plan shall constitute written notice when Developer has signed said agreement and the ENDORSEMENT attached to said plat, accepting the location of underground electric facilities as shown thereon. Any additional engineering required or extra construction costs required by the Company shall be borne by the Developer.
14. The Developer shall grant to the Company, on its applicable forms, all rights-of-way which in the opinion of the Company are necessary or desirable for such extensions.
15. Should the Developer request additional facilities, different routing or termination points, or changes in the facilities planned or installed, the Developer shall pay the total estimated cost to the Company for such additional facilities or changes.
16. The Developer shall also pay the cost of any repairs or replacement to the distribution system resulting from the negligent act of acts of the Developer, his agents, workmen, contractors or tenants.

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## RATE UDP-G

### GENERAL UNDERGROUND DISTRIBUTION POLICY

#### APPLICABILITY

Applicable to electric service of: 1. single family houses or multi-family dwellings that do not qualify under the Applicability of the Underground Residential Distribution Policy; 2. commercial and industrial customers; or 3. special situations. Rate UDP-G is available throughout the service area of the Company in those situations where the Company extends its distribution lines to serve new developments and Company designated installations identified to improve the resiliency of service to customers not covered by the Underground Residential Distribution Policy. (T)  
(T)

#### CHARGES

The charges shall be the difference between the Company's estimated cost to provide an underground system and the Company's estimated cost to provide an overhead system. In addition to the differential charge, the following provisions are applicable:

1. Single Family Houses or Multi-Family Units.

The customer may be required to provide the necessary trenching, backfilling, conduit system (if required) and transformer pads in place to Company's specifications.

2. Commercial and Industrial Units.

The customer shall:

- a) Provide the necessary trenching and backfilling;
- b) Furnish, install (concrete, if required), own and maintain all primary and/or secondary conduit system (with spares, if required) on private property meeting applicable codes and Company's specifications; and
- c) Provide the transformer pad and secondary conductors.

3. Special Situations

In those situations where the Company considers the pad-mounted transformer installations unsuitable, the customer shall provide the vault designed to meet National Electric Code, other applicable codes, and Company specifications, the conduit to the vault area and the secondary cable to the transformer terminals. The Company shall provide the transformers, the primary vault wiring and make the secondary connection to the transformer terminals.

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**CHARGES (Cont'd.)**

In large multiple cable installations, the customer shall provide the cable, provide and install the step bus mounted in the vault, and make necessary cable connections to the step bus to the Company's specifications. The Company shall provide and install connections from the transformer terminals to the step bus.

The customer shall extend the bus duct into the vault to the Company's specifications. The Company shall provide and install connections from the transformer terminals to the bus duct.

4. Targeted Underground for Service Improvement

Notwithstanding the above charges and upon Kentucky Public Service Commission approval, Company will waive above charges, maintain, and take ownership of customer service lines and equipment (curb, property line, or service lateral to the meter base) to and including the electric meter. This provision applies only to Company designated installations identified to improve the resiliency of service to the customer.

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**GENERAL CONDITIONS**

1. Other shall, in accordance with the specifications of the Company and local inspection authority, furnish, install, own and maintain the customer services excluding installations falling under Charges section Item 4 above. The Company shall connect the customer service to its distribution system and provide and install pull boxes, if necessary.
2. The customer shall furnish and install all conduit systems required by the Company, and be responsible for maintaining the conduit system in accordance with the Company's specifications and location plans until the underground electric line is completed. A Company inspector must approve all conduit systems before the trenches are backfilled; and the customer shall stake each end of every crossover with a stake marked "ELEC." The Company shall determine where conduit systems are required.
3. The customer shall complete and be responsible for maintaining final grade within the right-of-way and the street until the street has been dedicated and accepted by the local government.
4. The Company shall determine the route of all Company-owned underground electric line extensions. Such facilities must be located so as to be accessible at all times for switching and maintenance.
5. The point at which the underground distribution system begins shall be determined by the Company and the overhead primary extension to this point may be installed as open-wire conductors.
6. The Company shall determine equipment locations and such facilities must be accessible from

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**GENERAL CONDITIONS (Cont'd.)**

adequate driveways, protected from mechanical hazards and placed so as to maintain proper clearance from building openings.

7. The Company shall determine the number of customer to be served from each transformer or pull-boxes, where meters shall be located and how they shall be grouped.
8. The customer, at the Company's option, may be required to pay to the Company a deposit on the contracted charges when the agreement is executed. Upon completion of construction of the underground electric facilities, the customer shall pay to the Company the balance due under said agreement.
9. The customer shall furnish to the Company the required number of plat drawings approved by governmental authorities having jurisdiction, and any revisions of such plats, which shall indicate the location of all proposed driveways, parking areas, building openings and sewer, water, gas, telephone and CATV facilities.
10. The customer shall stake all required lot corners or control points along the cable route as specified by the Company.
11. The customer shall complete final grade of distribution line route before construction work is started and be responsible for maintaining same during construction. The Company shall permit a maximum cut of six inches for sidewalk and driveways after their facilities have been installed. No fill will be permitted after the Company's facilities have been installed except by written permission from the Company. If it is necessary to change the grade of the Company's facilities due to changes by the customer, all costs of the change shall be borne by the customer.
12. The underground construction area shall be clear of all other construction forces and, after the underground construction has begun, it shall not be interrupted by other construction forces.
13. The customer shall enter into a written agreement with the Company. This agreement and an attached plat shall constitute written notice when customer has signed said agreement and/or the ENDORSEMENT attached to said plat, accepting the location of underground electric facilities as shown thereon. Any additional engineering required or extra construction costs required of the Company shall be borne by the customer.
14. The customer shall grant to the Company, on its applicable forms, all rights-of-way which in the opinion of the Company are necessary or desirable for such extensions.
15. Should the customer request additional facilities, different routing or termination points, or changes in the facilities planned or installed, the customer shall pay the total estimated cost to the Company for such additional facilities or changes.

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**GENERAL CONDITIONS (Cont'd.)**

16. The customer shall also pay the cost of any repairs or replacement to the distribution system resulting from the negligent act or acts of the customer, his agents, workmen, contractors or tenants.
17. The customer will not be required to pay the differential in cost between a pad-mounted and pole-mounted transformer.

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**ELECTRICITY EMERGENCY PROCEDURES**  
**FOR**  
**LONG-TERM FUEL SHORTAGES**

**APPLICABILITY**

In the event of an energy emergency which necessitates curtailment of electricity consumption, Duke Energy Kentucky, Inc. and consumers of electric energy supplied by the Company shall take actions set forth herein, except where the Kentucky Public Service Commission (Commission) or other authority having jurisdiction in the matter orders otherwise.

**PROCEDURES**

Electricity emergency procedures may be necessary if there is a shortage in the electric energy supply to meet the requirements of consumers of electric energy in the service area of the Company. The procedures set forth the actions to be taken by the Company and consumers of electric energy in the event of a long-term fuel shortage for electric generation jeopardizing electric service to the Company's customers.

**I. DEFINITIONS**

For purposes of this procedure, the Company has adopted the following definitions:

- A. "electricity priority uses" shall mean the amount of electrical energy necessary for protection of the public's health and safety, and for the prevention of unnecessary or avoidable damage to property at:
  - 1. Residences (homes, apartments, nursing homes, institutions, and facilities for permanent residents or transients);
  - 2. Hospitals;
  - 3. Medical and human life support systems and facilities;
  - 4. Electric power generating facilities and central heating plants serving the public;
  - 5. Telephone, radio, television, and newspaper facilities;

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**DEFINITIONS (Contd.)**

6. Local and suburban transit systems and air terminal facilities;
  7. Police and fire fighting facilities;
  8. Water supply and pumping facilities;
  9. Sanitary service facilities for collection, treatment, or disposal of community sewage;
  10. Federal facilities essential to national defense or energy supply;
  11. Production facilities for natural gas, artificial or synthetic gas, propane, and petroleum fuel, and for fuel refineries;
  12. Pipeline transmission and distribution facilities for natural gas, artificial or synthetic gas, propane, and petroleum fuels;
  13. Coal mines and related facilities;
  14. Production, processing, distribution, and storage facilities for dairy products, meat, fish, poultry, eggs, produce, crackers, bread, and livestock and poultry feed;
  15. Buildings and facilities limited to uses protecting the physical plant and structure, appurtenances, product inventories, raw materials, livestock, and other personal or real property; and
  16. Such other similar uses as may be determined by the Kentucky Public Service Commission (hereinafter "Commission").
- B. "non-priority uses" shall mean all uses of electricity other than priority uses.
- C. "consumer" shall mean that person or entity who consumes electric energy from the Company.
- D. "normal burn days" shall mean the number of days of coal supply available for operation of the generating facilities of the Company. (D)
- E. "normal usage" shall mean electric energy consumption by a consumer during the comparable

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**DEFINITIONS (Contd.)**

period during the previous year adjusted for weather or other major changes in usage.

The Company encourages consumers who have electric priority uses to implement the actions required herein to the extent reasonably possible. Consumers who have electric priority uses or have critical equipment or processes should consider the installation of emergency generation equipment if continuity of service is essential.

**II. LONG-TERM FUEL SHORTAGE**

- A. Upon the commencement of a coal miners' strike, officially declared or otherwise, or other happening which could cause a long-term fuel shortage, the Company shall curtail non-essential use of energy on premises controlled by the Company including parking and large area lighting and interior lighting except lighting required for security and safety, and other uses of energy both during and outside normal business hours.
- B. Voluntary Curtailment:
1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to forty (40) days, the Company shall request voluntary conservation by all consumers of at least 25% of all non-priority use of electric.
  2. The Company shall implement a public appeals campaign through the news media to its consumers making appropriate suggestions for achieving usage reductions. These reductions should include but not be limited to the following:
    - (a) Reduce outdoor lighting;
    - (b) Reduce general interior lighting levels to minimum levels to the extent this contributes to decreased electricity usage;
    - (c) Reduce show window and display lighting to minimum levels to protect property;
    - (d) Reduce the number of elevators operating in office buildings during non-peak hours;
    - (e) Reduce electric water heating temperature to minimum level.
    - (f) Minimize work schedules for building cleaning and maintenance, restocking, etc., in order to eliminate the necessity for office or commercial and industrial facilities to be open beyond normal working hours;

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## II. LONG-TERM FUEL SHORTAGE (Contd.)

(g) Minimize electricity use by maintaining a building temperature of no less than 78 degrees Fahrenheit by operation of cooling equipment and no more than 68 degrees Fahrenheit by operation of heating equipment;

(h) Encourage, to the extent possible, daytime scheduling of entertainment and recreational facilities.

3. The Company, through the issuing of periodic bulletins to the news media, shall inform the general public of:

(a) The coal supply level of its supplier, at least weekly;

(b) The actions which will be required of consumers if it becomes necessary to initiate mandatory curtailment of electric energy and the procedures to be followed prior to and during the period electric usage is restricted.

### C. Mandatory Curtailment - Stage One:

1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to thirty (30) days, consumers shall curtail the use of electricity as follows:

(a) All previous measures shall be continued except as amended below;

(b) All non-priority outdoor lighting is prohibited;

(c) All public, commercial, and industrial buildings shall minimize electricity use by maintaining a building temperature of no less than 85 degrees Fahrenheit by the operation of cooling equipment and no more than 60 degrees Fahrenheit by the operation of heating equipment, except where health requirements or equipment protection deem such measures to be inappropriate;

(d) All public, commercial, and industrial buildings shall reduce interior lighting to the minimum levels essential for continued work and operations to the extent this contributes to decreased use of electric energy.

### D. Mandatory Curtailment - Stage Two:

1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to twenty-five (25) days, consumers shall curtail the use of electricity as follows:

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**II. LONG-TERM FUEL SHORTAGE (Contd.)**

- (a) All previous measures shall be continued except as amended below;
- (b) All consumers shall discontinue non-priority use of electricity on two days of each week. Consumers may, in the alternative, elect to reduce total electricity consumption by 25% below normal usage. Consumers choosing the second option must keep records sufficient to document the reduction. The Company shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority uses above mandatory stage one levels during other days of the week.

**E. Mandatory Curtailment - Stage Three:**

- 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to twenty (20) days, consumers shall curtail the use of electricity as follows:
  - (a) All previous measures shall be continued except as amended below;
  - (b) All consumers shall discontinue non-priority use of electricity on three days of each week. Consumers may, in the alternative, elect to reduce total electricity consumption by 50% below normal usage. Consumers choosing the second option must keep records sufficient to document the reduction. The Company shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority uses above mandatory stage two levels during other days of the week.

**F. Mandatory Curtailment - Stage Four:**

- 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to fifteen (15) days, all consumers shall discontinue all non-priority use of electricity on all days of each week.

**III. The Company shall take such measures in connection with its facilities as are necessary and reasonable for the implementation of these procedures.**

Where the integrity of the Company's electric system is in jeopardy, the Company may take additional measures it deems appropriate, such as voltage reduction up to 5% and interruption of selected distribution circuits on a rational basis.

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Second Revised Sheet No. 98  
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#### IV. PENALTIES

Failure of a consumer to comply with the Company's mandatory curtailment stages may subject that consumer's electric service to disconnection by the Company. Where the Company discovers that a consumer has exceeded its directed usage limitation by more than 15% in a thirty (30) day period, the Company shall notify the Commission that, on the third working day after said discovery, it shall disconnect electric service to such consumer until the fuel supply emergency is relieved.

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**RATE RTP  
REAL TIME PRICING PROGRAM**

**APPLICABILITY**

Applicable to Customers served under Rate DS, Rate DT, Rate DP or Rate TT. Service under the RTP Program will be offered on an experimental basis. The incremental cost of any special metering required for service under this Program beyond that normally provided under the applicable Standard Tariff shall be borne by the Customer. Customers must enter into a written service agreement with a minimum term of one year.

**PROGRAM DESCRIPTION**

The RTP Program is voluntary and offers Customers the opportunity to manage their electric costs by either shifting load from higher cost to lower cost pricing periods and adding new load during lower cost pricing periods or to learn about market pricing. Binding Price Quotes will be sent to each Customer on a day-ahead basis. The program is intended to be bill neutral to each Customer with respect to their historical usage through the use of a Customer Baseline Load (CBL) and the Company's Standard Offer Rates.

**CUSTOMER BASELINE LOAD**

The CBL is one complete year of Customer hourly load data that represents the electricity consumption pattern and level of the Customer's operation under the Standard Rate Schedule. The CBL is the basis for achieving bill neutrality for Customers billed under this Rate RTP, and must be mutually agreeable to both the Customer and the Company as representing the Customer's usage pattern under the Standard Rate Schedule (non-RTP). In the event that the Customer's electricity consumption pattern differs significantly from the established CBL, the Company may renegotiate the CBL with the Customer. Agreement on the CBL is a requirement for participation in the RTP Program.

**RTP BILLING**

Customers participating in the RTP Program will be billed monthly based on the following calculation:

$$\text{RTP Bill} = \text{BC} + \text{PC} + \sum_{t=1}^n \{ (\text{CC}_t + \text{ED}_t) \times (\text{AL}_t - \text{CBL}_t) \} \quad (\text{D})$$

Where:

BC = Baseline Charge  
PC = Program Charge

CC<sub>t</sub> = Commodity Charge for hour t  
ED<sub>t</sub> = Energy Delivery Charge for hour t  
AL<sub>t</sub> = Customer Actual Load for hour t (D)  
CBL<sub>t</sub> = Customer Baseline Load in hour t  
n = total number of hours in the billing period  
t = an hour in the billing period

**BASELINE CHARGE**

The Baseline Charge is independent of Customer's currently monthly usage, and is designed to achieve bill neutrality with the Customer's standard offer tariff if no change in electricity usage pattern occurs (less applicable program charges). The Baseline Charge is calculated at the end of the billing period and changes each billing period to maintain bill neutrality for a Customer's CBL.

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**BASELINE CHARGE (Contd.)**

The Baseline Charge will be calculated as follows:

$$BC = (\text{Standard Bill @ CBL})$$

Where:

BC = Baseline Charge  
Standard Bill @ CBL = Customer's bill for a specific month on the applicable Rate Schedule including applicable Standard Contract Riders using the CBL to establish the applicable billing determinants.

The CBL shall be adjusted to reflect applicable metering adjustments under the Rate Schedule. All applicable riders shall be excluded from the calculation of the Baseline Charge.

**PRICE QUOTES**

The Company will send to Customer, within two hours after the wholesale prices are published by PJM each day, Price Quotes to be charged the next day. Such Price Quotes shall include the applicable Commodity Charge, the Energy Delivery Charge and the Ancillary Services Charge.

The Company may send more than one-day-ahead Price Quotes for weekends and holidays identified in Company's tariffs. The Company may revise these prices the day before they become effective.

The Company is not responsible for failure of Customer to receive and act upon the Price Quotes. It is Customer's responsibility to inform Company of any failure to receive the Price Quotes the day before they become effective.

**COMMODITY CHARGE**

The Commodity Charge is a charge for generation. The applicable hourly Commodity Charge (Credit) shall be applied on an hour by hour basis to Customer's incremental (decremental) usage from the CBL.

Charge (Credit) For Each kW Per Hour From The CBL:

$$\begin{aligned} \text{For kWh}_t \text{ above the CBL}_t, \quad CC_t &= \text{MVG}_t \times \text{LAF} \\ \text{For kWh}_t \text{ below the CBL}_t, \quad CC_t &= \text{MVG}_t \times 80\% \times \text{LAF} \end{aligned}$$

Where:

LAF = loss adjustment factor  
= 1.0530 for Rate TT  
= 1.0800 for Rate DP and Rate DT  
= 1.1100 for Rate DS  
MVG<sub>t</sub> = Market Value Of Generation As Determined By Company for hour t

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Witness Responsible: Bruce Sailors

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**COMMODITY CHARGE (Contd.)**

The MVG<sub>t</sub> will be based on the expected market price of capacity and energy for the next day. The expected market price shall be the PJM Day-Ahead Total Locational Marginal Price for power at the DEK Aggregate price node, inclusive of the energy, congestion and losses charges, for each hour. (T)

The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

**ENERGY DELIVERY CHARGE**

The hourly Energy Delivery Charge is a charge for using the transmission and distribution system to deliver energy to the Customer. The applicable hourly Energy Delivery Charge (Credit) shall be applied on a hour by hour basis to Customer's incremental (decremental) usage from the CBL.

Charge (Credit) For Each kW Per Hour From The CBL

Secondary Service .....	\$0.015412 per kW Per Hour	(I)
Primary Service .....	\$0.012471 per kW Per Hour	(I)
Transmission Service .....	\$0.006472 per kW Per Hour	(I)

The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

**APPLICABLE RIDERS**

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider (N)
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- Sheet No. 125, Rider DCI, Distribution Capital Investment Rider (N)
- Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider (N)

**PROGRAM CHARGE**

Company will provide Internet based communication software to be used to provide Customer with the Price Quotes. Customer will be responsible for providing its own Internet access. A charge of \$183.00 per billing period per site shall be added to Customer's bill to cover the additional billing, administrative, and cost of communicating the hourly Price Quotes associated with the RTP Program.

Customer may purchase from either Company or any other third-party suppliers any other necessary equipment or software packages to facilitate participation in this program. While Customers are encouraged to use such equipment or software packages to maximize benefits under this Program, it is not a requirement for program participation. It is Customer's responsibility to ensure the compatibility of third-party equipment or software packages with any Company owned equipment or software packages.

**SPECIAL TERM AND CONDITIONS**

Except as provided in this Rate RTP, all terms, conditions, rates, and charges outlined in the Standard Rate Schedule will apply. Participation in the RTP Program will not affect Customer's obligations for electric service under the Standard Rate Schedule.

Customers who terminate their service agreement under this Rider RTP after the initial one (1) year term shall be ineligible to return to the program for twelve (12) months from the termination date.

The primary term of service is one (1) year consisting of a consecutive twelve month period.

Customers returning to the standard tariff shall have any historical demands in excess of the CBL, waived for Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No.2017-00321. (T)

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purposes of calculating applicable billing demands.

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

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4580 Olympic Blvd.  
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## EMERGENCY ELECTRIC PROCEDURES

### APPLICABILITY

In the event of an energy emergency which necessitates curtailment of electric service, Duke Energy Kentucky, Inc. may curtail electrical service to its customers in the manner set forth herein, either at its sole discretion, or under applicable policies, guidelines, directives or procedures issued by the ReliabilityFirst, National Electric Reliability Council (NERC), PJM Interconnection LLC (PJM), or their successor organizations, or when required by the Kentucky Public Service Commission (Commission). (T)

### PROCEDURES

#### I. General Rules Applicable to Energy Emergency

Emergency electrical procedures may be necessary in the event of electric supply shortages, transmission constraints, or other emergency conditions in the assigned service area of Duke Energy Kentucky, Inc. and/or outside the assigned service area of Duke Energy Kentucky, Inc.

An emergency means an anticipated or existing shortage in the supply of or constraint in the transmission or distribution of electrical energy, which cannot be avoided by market purchases of energy or transmission capacity and which has or may adversely affect the operation or reliability of generating or transmission and distribution facilities.

In the event of an emergency, Duke Energy Kentucky, Inc. may take any remedial measure that it deems reasonably necessary to alleviate the emergency condition or that may be required either by the Commission or under applicable policies, guidelines, directives or procedures issued by Reliability First, NERC, PJM, or their successor organizations, or Duke Energy Kentucky, Inc.'s emergency plan. During an emergency, Duke Energy Kentucky, Inc. will follow the procedures set forth herein with regard to essential customers as defined in section II, below. Duke Energy Kentucky, Inc. will take the remedial measures to alleviate the emergency conditions as set forth in section III, below. (T)  
(T)  
(T)

#### II. Essential Customers

Essential customers are defined as follows:

- (A) hospitals and emergency care facilities, which shall be limited to those facilities providing medical care and performing in-patient surgery on patients;
- (B) federal, Commonwealth and county prisons and detention institutions;
- (C) police and fire stations, Kentucky national guard facilities, military bases, and federal facilities essential to the national defense;
- (D) "critical customers," which means any customer or consumer on a medical or life support system for whom an interruption of service would be immediately life threatening and who is enrolled in Duke Energy Kentucky, Inc.'s program for critical customers;
- (E) radio and television stations used to transmit emergency messages and public information broadcasts relating to emergencies;
- (F) water pumping plants essential to the supply of potable water to a community;
- (G) sewage plants essential to the collection, treatment or disposal of a community's sewage;

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**II. Essential Customers (Contd.)**

- (H) emergency management and response facilities and the county-wide "911" system;
- (I) nursing homes;
- (J) central office telephone switching stations; and
- (K) blood banks.

Duke Energy Kentucky, Inc. does not guarantee a continuous and uninterrupted flow of power to any customer. Power interruptions may occur due to many causes other than the emergency procedures set forth herein. Further, essential customers should expect that their power may be interrupted in the event of an emergency due to the nature of the emergency and the normal configuration of electric supply systems.

Essential customers are responsible for anticipating the possibility that power may be interrupted and for developing contingency plans if continuity of service is essential. Such contingency plans may include installing on-site backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location.

Duke Energy Kentucky, Inc. will make reasonable efforts to maintain service to essential customers during an emergency and will attempt to minimize the time period of any interruption, when practical. Duke Energy Kentucky, Inc. may, however, curtail power to essential customers during an emergency. Duke Energy Kentucky, Inc. will attempt to identify essential customers and maintain a list of these customers for its load curtailment plans. Duke Energy Kentucky, Inc. will verify and update this list annually and review its curtailment rotation schedules in an attempt to minimize the number of essential customers affected by curtailment.

Residential customers may request to participate in Duke Energy Kentucky, Inc.'s program for critical customers. Residential customers requesting to participate in this program must initially obtain a Medical Certificate from a licensed physician as to the need for and use of life support equipment in their household and must submit the certificate to Duke Energy Kentucky, Inc. along with their request to enroll in the program.

Upon enrollment in the program, Duke Energy Kentucky, Inc. will notify the customer in writing of the customer's options and responsibilities during an interruption, such as the need for backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location. Duke Energy Kentucky, Inc. will also notify these customers that it cannot guarantee a continuous and uninterrupted flow of power. Duke Energy Kentucky, Inc. will annually verify the customers' eligibility to continue to participate in the program.

Any non-residential customer may apply to be considered an essential customer, provided they must notify Duke Energy Kentucky, Inc. in writing of this request and provide the specific reasons why they should be considered an essential customer. Duke Energy Kentucky, Inc. will respond in writing within ten days of receipt of the request informing the customer whether, in Duke Energy Kentucky, Inc.'s sole discretion, they will be classified as a non-residential essential customer. Non-residential essential customers are also encouraged to develop contingency plans for use during an emergency, such as the need for backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location.

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**II. Essential Customers (Contd.)**

Essential customers should prepare to implement their contingency plans any time that Duke Energy Kentucky makes a public appeal for voluntary conservation, due to the possibility that Duke Energy Kentucky, Inc. may experience an emergency during such time that Duke Energy Kentucky, Inc. makes public appeals for voluntary conservation.

If Duke Energy Kentucky, Inc. has adequate advance notice that an emergency may occur, then Duke Energy Kentucky, Inc. will attempt to call critical customers to alert them of the possibility of a power interruption. Due to the frequently sudden onset of an emergency and the time necessary to contact all critical customers, Duke Energy Kentucky, Inc. may not be able to contact critical customers in advance of an emergency.

**III. Remedial Measures in the Event of Emergency**

In case of an emergency, Duke Energy Kentucky, Inc. will exercise the following series of load reduction measures to match the load with available generation. These measures are arranged in order of severity of the measures necessary to alleviate the emergency conditions presented. In the case of a sudden or unanticipated emergency, the urgency of the situation may require Duke Energy Kentucky, Inc. to immediately implement the more severe measures.

**Pricing Signals and Special Contracts**

Duke Energy Kentucky, Inc. offers a variety of pricing signals using approved tariffs and special contracts to encourage customers to reduce their load when generation is in short supply. Participating customers may elect to voluntarily reduce their demand based on the terms of these tariffs and contracts.

**Internal Conservation**

Duke Energy Kentucky, Inc. will reduce its own energy consumption by instructing its employees to adjust thermostats, turn off lights and reduce other non-essential loads at Duke Energy Kentucky, Inc.'s facilities.

**Voltage Reduction**

Duke Energy Kentucky, Inc. may reduce voltages. However, Duke Energy Kentucky, Inc. will not reduce voltage more than 5% below normal allowable ranges.

**Public and Targeted Appeals for Voluntary Conservation**

Duke Energy Kentucky, Inc. will issue news releases to request customers to voluntarily conserve electricity, with suggestions on how to conserve. Duke Energy Kentucky, Inc. will also contact large commercial and industrial customers (1000 kW or more) requesting them to conserve energy.

Depending on the nature of the emergency, Duke Energy Kentucky, Inc. will issue additional news releases advising customers of a more critical need for voluntary conservation and also notifying customers that Duke Energy Kentucky, Inc. may implement rotating blackouts if the emergency conditions are not alleviated. Duke Energy Kentucky, Inc. will contact large commercial and industrial customers (1000 kW or more) requesting them to curtail all non-essential load.

**Automatic Reserve Sharing**

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**III. Remedial Measures in the Event of Emergency (Contd.)**

Automatic Reserve Sharing is a standard method for utilities to aid an adjoining, interconnected utility whose power reserves are low by transmitting power through the interconnection points to raise the reserves of the affected utility. In time of emergency, Duke Energy Kentucky, Inc. may utilize Automatic Reserve Sharing.

**Manual, Involuntary Load Curtailment**

Duke Energy Kentucky, Inc. may implement manual load curtailment, which is a controlled process of rotating customer outages during extreme emergencies. NERC policies may require manual curtailment when Duke Energy Kentucky, Inc. experiences an emergency. NERC policies may also require manual curtailment when the reliability of the Eastern Interconnect is threatened by supply or transmission problems unrelated to conditions within Duke Energy Kentucky, Inc.'s transmission system.

**Automatic Load Curtailment**

Duke Energy Kentucky, Inc. may implement automatic load curtailment, which is a process where under-frequency relays are used to shed load as soon as the relays detect problems based upon the system frequency. NERC policies may require automatic curtailment when Duke Energy Kentucky, Inc. experiences an emergency or when the Eastern Interconnect is threatened by transmission system reliability problems unrelated to conditions affecting Duke Energy Kentucky's transmission system.

**IV. Curtailment Procedures**

Involuntary load curtailment is generally accomplished via remote control of circuits that feed large individual customers and/or general distribution loads. Most general distribution circuits supply many customers including one or more essential customers. Duke Energy Kentucky, Inc. will analyze circuits for curtailment eligibility based upon the ability to perform curtailment via remote control and upon the type of load the circuits serve. Duke Energy Kentucky, Inc. will attempt to limit the number of essential customers affected by involuntary load curtailments; however, given the number of circuits within Duke Energy Kentucky, Inc.'s system and the number of customers served by Duke Energy Kentucky, Inc., it is likely that Duke Energy Kentucky, Inc. will interrupt power to some essential customers if involuntary load curtailment procedures become necessary to alleviate emergency conditions. Duke Energy Kentucky, Inc. will adjust manual involuntary curtailment schedules and attempt to provide advance notification to essential customers if involuntary load curtailment occurs. (T)

Duke Energy Kentucky, Inc. will advise the Commission of the nature, time and duration of all implemented emergency conditions and procedures which affect normal service to customers. (T)

Duke Energy Kentucky, Inc. may initiate the following actions, as it deems appropriate, in the event of an emergency where curtailment is imminent or necessary.

- (A) If Duke Energy Kentucky, Inc. is unable to balance its generation and interchange schedules to its load after using all available resources, Duke Energy Kentucky, Inc. may, at its discretion, declare an emergency Commonwealth to the NERC/ReliabilityFirst Security Coordinator. (T)
- (B) Duke Energy Kentucky, Inc. may enter into power purchases to the extent that generation resources are reasonably available and transmission loading will allow.

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- (C) Duke Energy Kentucky, Inc. may use any or all of the remedial measures in section III, above.
- (D) If the transmission system frequency is above 59.8 Hz and Duke Energy Kentucky, Inc. cannot reasonably balance resources to load, then Duke Energy Kentucky, Inc. may curtail firm load to balance resources to load.
- (E) If the transmission system frequency is at or below 59.8 Hz, then Duke Energy Kentucky, Inc. may curtail firm load to balance resources to load.
- (F) If the transmission system frequency is at or below 59.7 Hz, then Duke Energy Kentucky, Inc. may curtail firm load to assist in maintaining regional system integrity.

Automatic under-frequency load shedding may occur in the event of a sudden decline of the frequency on the ReliabilityFirst System or a sudden breakup that isolates all or parts of the Kentucky transmission system from other interconnected transmission systems. The under-frequency load shed may occur according to the following schedule, with each step shedding approximately an additional five percent of load as compared to the system load:

(T)

<u>Step</u>	<u>Freq-Hz</u>	<u>Approximate % Load Shed</u>
1	59.5	5.0
2	59.3	5.0
3	59.1	5.0
4	58.9	5.0
5	58.7	5.0

Under these circumstances, Duke Energy Kentucky, Inc. will interrupt power of selected distribution circuits and lines serving customers throughout its assigned service area at Duke Energy Kentucky, Inc.'s sole discretion.

If automatic load shedding has occurred and frequency is still declining, Duke Energy Kentucky, Inc. may take any additional actions that it deems reasonably necessary to arrest the decline. This may include additional load shedding and coordinated network separations.

If necessary to resynchronize the isolated area or to curtail the decline in frequency, Duke Energy Kentucky, Inc. may take the following steps in the sequence set forth below:

- (A) Duke Energy Kentucky, Inc. may, at its discretion, interrupt power to controlled service loads and to loads rendered service under interruptible tariffs.
- (B) Duke Energy Kentucky, Inc. may reduce voltage up to five percent when deemed appropriate.
- (C) Duke Energy Kentucky, Inc. may manually shed load.

Duke Energy Kentucky, Inc. shall not be liable for power interruptions attributable to:

- (A) the availability of or malfunctions in generation or transmission facilities;

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(B) malfunctions in the local distribution system due to conditions beyond Duke Energy Kentucky, Inc.'s control, such as storms, floods, vandalism, strikes, fires, or accidents caused by third parties;

(C) Duke Energy Kentucky, Inc. following any applicable orders, policies, guidelines, directives or procedures issued by the Commission, governmental authorities, ReliabilityFirst, National Electric Reliability Council (NERC), PJM, or their successor organizations; provided that Duke Energy Kentucky, Inc. makes reasonable efforts to restore service as soon as reasonably practicable. (T)  
(T)

**V. Transmission Emergency Rules**

Notwithstanding the above procedures, when Duke Energy Kentucky, Inc. experiences on its transmission facilities an emergency or other event that necessitates the curtailment or interruption of service, Duke Energy Kentucky, Inc. will not curtail or interrupt retail electric service within Duke Energy Kentucky, Inc.'s certified territory, except for service to those customers who have agreed to receive interruptible service, until after Duke Energy Kentucky, Inc. has interrupted service to all other Duke Energy Kentucky, Inc. customers whose interruption may relieve the emergency or other event.

Notwithstanding the foregoing, Duke Energy Kentucky, Inc. may be liable for damages resulting from power interruptions attributable to its gross negligence or willful misconduct.

The provisions of these Emergency Electrical Procedures are subject to the provisions of Duke Energy Kentucky, Inc.'s Retail Electric Tariff, as then in effect and approved by the Commission, including but not limited to the provisions of Duke Energy Kentucky, Inc.'s General Terms And Conditions For Electric Service.

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**RATE MDC**

**METER DATA CHARGES FOR ENHANCED USAGE DATA SERVICES (T)**

**APPLICABILITY**

This optional program applies to non-residential retail customers located in the Company's service territory that have meter pulse equipment and/or interval metering equipment and who elect to enroll in the Energy Profiler Online (EPO) or successor service. (T)

**Energy Profile Online™**

Customers electing the EPO option will be required to enroll online, and will be required to accept the Terms and Conditions of the EPO program, presented to the customer at the time of enrollment. The company will provide data to the customer, using internet technology, or other methods as available and utilized at the company's discretion, under the following option based on the frequency of the data provided. (T)

Electronic monthly interval data with graphical capability accessed via the Internet with EPO™) \$20.00 per month (T)

**SERVICE REGULATIONS**

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

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Rate Group	Rate	
	(\$ / kWh)	
Rate RS, Residential Service	0.000000	(N)
Rate EH, Optional Rate for Electric Space Heating	0.000000	(N)
Rate GS-FL, Optional General Service Rate for Small Fixed Loads	0.000000	(N)
Rate SP, Seasonal Sports Service	0.000000	(N)
Rate SL, Street Lighting Service	0.000000	(N)
Rate TL, Traffic Lighting Service	0.000000	(N)
Rate UOLS, Unmetered Outdoor Lighting	0.000000	(N)
Rate NSU, Street Lighting Service for Non-Standard Units	0.000000	(N)
Rate SC, Street Lighting Service – Customer Owned	0.000000	(N)
Rate SE, Street Lighting Service – Overhead Equivalent	0.000000	(N)
Rate LED, LED Outdoor Lighting Electric Service	0.000000	(N)
	(\$ / kW)	
Rate DS, Service at Secondary Distribution Voltage	0.00	(N)
Rate DP, Service at Primary Distribution Voltage	0.00	(N)
Rate DT, Time-of-Day Rate for Service at Distribution Voltage – Primary	0.00	(N)
Rate DT, Time-of-Day Rate for Service at Distribution Voltage – Secondary	0.00	(N)

**SERVICE REGULATIONS, TERMS AND CONDITIONS**

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

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321.

Issued: September 1, 2017

Effective: October 1, 2017

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2  
Original Sheet No. 126  
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**FERC TRANSMISSION COST RECONCILIATION RIDER**

**APPLICABILITY**

Applicable to all retail sales in the Company's electric service area beginning with the billing month April 2018.

**DEFINITIONS**

The applicable energy charge for electric service shall be increased or decreased to the nearest \$0.000001 per kWh to reflect the recovery of Incremental Transmission Expense (ITE) equal to the difference between the actual transmission costs invoiced by a Regional Transmission Organization (RTO) pursuant to its FERC-approved tariffs and the amount of such costs included in base rates according to the following formula.

$$\text{Rider FTR Factor} = (\text{ITE} + \text{R}) / \text{S}$$

- (1) Quarterly ITE is the incremental transmission costs over the amount included in base rates and equals:

$$\text{Quarterly ITE} = \text{CPTE} - \text{BRTE}$$

Where,

- a. CPTE = Quarterly transmission expense.  
b. BTRE = One fourth of the transmission expense included in base rates for Kentucky retail customers. (The annual amount of \$18,963,763 ÷ 4 = \$4,740,941)
- (2) Current Period Transmission Expense, CPTE

$$\text{CPTE} = \text{NITS} + \text{PTP} + \text{TOA} + \text{ADM} + \text{TEC} + \text{O}$$

Where,

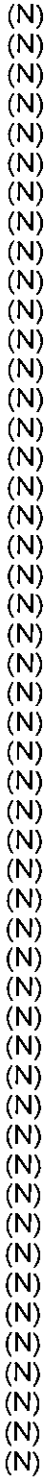
- NITS = Network Integration Transmission Service Charges and Credits (Attachment H-22A)  
PTP = Point to Point (PTP) Transmission Service (Schedule 7 and 8)  
TOA = Transmission owner scheduling, system control and dispatch service (Schedule 1A)  
ADM = RTO Administrative Charges (Schedule 9 and 10)

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Account Number 1212-1212-12-4 80 21

Due Date	Amount Due
mmm dd, yyyy	\$ 78.79

\$ \_\_\_\_\_ \$ \_\_\_\_\_  
 WinterCare Contribution Amount Enclosed  
 (for Customer Assistance)

Current Customer  
 12345 Your Street  
 Your City ST 12345-1234

PO Box 9001076  
 Louisville KY 40290-1076

200 00000078794 12121212124 mmmddyyyy2 00000080867

Name/Service Address	For Inquiries Call	Account Number
Current Customer 12345 Your Street Your City ST 12345-1234	Duke Energy 1-800-123-4567	1212-1212-12-4

Mail Payments To	Account Information
PO Box 9001076 Louisville KY 40290-1076	Payments after mmm dd not included Last payment received mmm dd
	Bill Prepared on mmm dd, yyyy Next meter reading mmm dd, yyyy

Urgent Messages are printed in this section of the bill with a box around the message text.

Meter	Number	Reading Date		Days	Meter Reading		Usage
		From	To		Previous	Present	
Gas	11111111	mmm dd	mmm dd	30	1975	1993	18
Elec	22222222	mmm dd	mmm dd	30	21202	21789	587

Gas - Residential	
Usage -	18 CCF
Duke Energy - Rate RS	\$ 33.20
Current Gas Charges	\$ 33.20
Gas Cost Recovery Chrg: x.xxxxxxxx/CCF	

Current Billing	
Amt Due - Previous Bill	\$ 100.87
Payment(s) Received	100.87 cr
Balance Forward	0.00
Current Gas Charges	\$ 33.20
Current Electric Charges	41.34
Taxes	4.25
Current Amount Due	\$ 78.79

Electric - Residential	
Usage -	587 kWh
Duke Energy - Rate RS	\$ 41.34
Current Electric Charges	\$ 41.34

Taxes	
Taxes	\$ 4.25

Printed on recycled paper and is recyclable.

Non-Urgent Bill Messages appear in this section of the bill

Due Date	Amount Due	After
mmm dd, yyyy	\$ 78.79	mmm dd, yyyy
		\$ 80.86





Name	Service Address	Account Number
Current Customer	12345 Your St Your City ST 12345-1234	1212-1212-12-4

**Explanation of Current Charges**

<b>Gas</b>	<b>Duke Energy</b>	
Meter # 11111111	Rate RS - Residential Service	
CCF Usage - 18	Customer Charge	\$ xx.xx
mmm dd - mmm dd 30 Days	Gas Delivery Charge	
	18 CCF @ \$ x.xxxxxxx	xx.xx
	Gas DSM Rider	
	18 CCF @ \$ x.xxxxxxx	x.xx
	Rider MSR-G	
	18 CCF @ \$ x.xxxxxxx	x.xx
	Gas Cost Recovery	\$ xx.xx
	18 CCF @ \$ x.xxxxxxx	xx.xx
	<b>Total Current Gas Charges</b>	<b>\$ xx.xx</b>

<b>Electric</b>	<b>Duke Energy</b>	
Meter # 22222222	Rate RS - Residential Svcs-xxxxxxx	
kWh Usage 587	Customer Charge	\$ x.xx
mmm dd - mmm dd 30 Days	Energy Charge	
	587 kWh @ \$ x.xxxxxxx	x.xx
	Elec DSM Rider	
	587 kWh @ \$ x.xxxxxxx	x.xx
	Elec ESM Rider	
	587 kWh @ \$ x.xxxxxxx	x.xx
	Elec FTR Rider	
	587 kWh @ \$ x.xxxxxxx	x.xx
	Elec DCI Rider	
	587 kWh @ \$ x.xxxxxxx	x.xx
	Rider PSM	
	587 kWh @ \$ x.xxxxxxxcr	x.xxcr
	Elec Fuel Adjustment	
	587 kWh @ \$ x.xxxxxxxcr	x.xxcr
	<b>Total Current Electric Charges</b>	<b>\$ xx.xx</b>

**Explanation of Taxes**

<b>Taxes</b>	Rate Incr for School Tax	\$ x.xx	
	Kentucky State Tax	xx.xx	\$ xx.xx
	<b>Total Taxes</b>		<b>\$ xx.xx</b>

222222

Charts and Graphs inserted here

	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
Gas	143	87	58	24	38	7	27	17	29	142	238	191	18
Electric	1025	1209	1211	1478	1855	1689	1698	1528	1035	1376	1575	1352	587

Appendix A

**Bill Payment Made Easy**

**Paperless Billing** - View and pay your bill for free by registering at [www.duke-energy.com](http://www.duke-energy.com)  
**Payment Advantage** - Free Service, payment automatically drafts from your bank account. Enroll at [www.duke-energy.com/paymybill](http://www.duke-energy.com/paymybill) or call 1-800-544-6900.  
**Speedpay**<sup>®</sup> - Pay by phone 1-800-544-6900 with credit card or check. A convenience fee will be charged.

**EXPLANATION OF ESTIMATED CHARGES**

Meters are scheduled to be read monthly. Regular meter readings are essential for accurate billing. When we are unable to read a meter, the usage is estimated based on previous bills. An estimated read will be considered the same as an actual read.

**PAYMENT OF BILLS**

In order to avoid paying a late charge, please mail your payment to Duke Energy several days before the due date. Or, if you prefer, you may pay by phone through Speedpay, pay online with Paperless-Billing, or pay automatically through Payment Advantage. Payments can also be made at a Pay Agent location. For more information about our bill payment options, please visit us at [www.duke-energy.com](http://www.duke-energy.com) or call 1-800-544-6900. When you pay by check, you authorize us to convert your check into a one-time electronic check payment or to process the payment as a regular check transaction.

Disconnection of your utility service(s) will not result from failure to pay any non-tariffed or non-regulated products or services.

**LATE PAYMENT CHARGE INFORMATION**

A penalty may be assessed if a customer fails to pay a bill for services by the due date shown on the customer's bill. The penalty may be assessed only once on any bill for rendered services.

**EXPLANATION OF BILL LANGUAGE**

(The following terms will not appear on every bill)

BSP Cycle	Period of time used to calculate the current Budget Billing monthly installment amount.	Elec. Rate	Code that identifies the rate used to determine the Electric Usage Charge.
CCF	Gas usage, measured in hundreds of cubic feet.	EST or E	Estimated Meter Read.
CR	Credited amount.	Gas Rate	Code that identifies the rate used to determine the Gas Usage Charge.
Current Gas Charges	Total of all charges based on gas usage during the current billing period.	kWh	Electric usage measured in kilowatt-hours.
Customer Charge	Charge for administrative costs, including meter reading, billing, and collecting. The Customer Charge for each service includes 10 cents for an energy assistance program approved by the Public Service Commission.	Late Payment	Additional charge added to the bill if the Amount To Pay is not received in full by the due date.
		Meter Multiplier	Constant number that the meter reading usage is multiplied by to obtain the energy usage.
		Usage	Amount of energy used during the billing period.

**GAS COST INFORMATION**

The GAS COST ADJUSTMENT (GCA) rate is the cost (per 100 cubic feet) of gas we purchase from our suppliers. This rate varies periodically as gas prices to us increase or decrease. Duke Energy makes no profit on this charge since it is based on the actual cost we pay our suppliers for the gas we purchase and resell. The GCA amount is included in your total bill as an addition to the Gas Usage Charge, which covers our normal operating expenses for delivering gas to you.

**ELECTRIC COST INFORMATION**

The ELECTRIC FUEL ADJUSTMENT (EFA) rate is the increase or decrease (since determination of the Base Period Fuel Cost) in the cost of fuel purchased from our supplier and used to generate electricity. The EFA rate is computed monthly according to a formula established by the Kentucky Public Service Commission. Duke Energy makes no profit on the EFA since it is based on the actual cost of fuel used to generate electricity. The amount of the EFA is included in your total bill.

**BILLING OR SERVICE INQUIRIES**

If you have a question about your bill or service, call us at 1-800-544-6900. You may also write to our Customer Services Department at P.O. Box 960, Mail Drop 309C, Cincinnati, OH 45201, contact us by fax at 1-800-366-4704, or e-mail us at [www.duke-energy.com](http://www.duke-energy.com). Rate schedules and service regulations are available upon request.

**SECURITY DEPOSIT INFORMATION**

If the utility will or may retain either an equal or calculated deposit for more than eighteen (18) months, at the customer's request, the deposit will be calculated every eighteen (18) months based on actual usage of the customer. If the deposit on account differs by more than ten (10) dollars for residential customers, or by more than ten (10) percent for nonresidential customers, from the deposit calculated on actual usage, then the utility shall refund any over-collection and may collect any overpayment.

**BUSINESS HOURS**

**OFFICE HOURS:**

Cincinnati - 8:00 a.m. - 5:00p.m. Monday - Friday  
Erlanger - 8:00 a.m. - 5:00 p.m. Monday - Friday

Payments and Customer Service are not offered at either location

For Correspondence: PO Box 1326 Charlotte, NC 28201

**SERVICE EMERGENCY NUMBERS**

Gas Trouble - 1-800-634-4300  
Electric Trouble - 1-800-543-5599

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

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## TABLE OF CONTENTS

<u>Tariff Sheet No. Series</u>	<u>Description</u>	<u>Summary of Applicability*</u>
-	Title Page	
01	Table of Contents	
10	Index to Tariff Schedules and Communities Served	Complete list of available tariffs by Sheet No. and municipalities and counties served.
20	Service Regulations	Set of rules and regulations of the Company for providing electric service as approved by the Kentucky Public Service Commission.
30	Residential Service	Tariffs available to residential customers unless the customer is provided three phase service.
40	Distribution Voltage Service	Tariffs available, principally, to non-residential customers receiving service at 34,500 volts or lower; available to residential customers who request either three phase service or a second point of service.
50	Transmission Voltage Service	Tariffs available, principally, to non-residential customers receiving service at 69,000 volts or higher.
60	Lighting Service	Tariffs available for lighting of areas of a public or private nature.
70	Optional Riders	Riders necessary to determine total amount of monthly bill to customers under special circumstances.
80	Fuel Riders	Riders necessary to determine total amount of monthly bill to all customers receiving electric service.
90	Miscellaneous	Miscellaneous periodic charges not reflected in standard service tariffs.

\* To determine applicability, available tariff and Company's Service Regulations and other rules and regulations should be reviewed and discussed with the Company.

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Duke Energy Kentucky, Inc.  
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Erlanger, KY 41018

KY. P.S.C. Electric No. 2  
Second Revised Sheet No. 20  
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**SERVICE REGULATIONS**

**SECTION I - SERVICE AGREEMENTS**

**1. Application for Service.**

When a prospective customer desires electric service, an oral application may be accepted by the Company. However, a written application may be required in special circumstances (e.g., the necessity of using special apparatus in providing the requested service).

**2. Customer's Right to Cancel Service Agreement or to Suspend Service.**

Except as otherwise provided in the Service Agreement, Rate Schedules or elsewhere in these Service Regulations, Customer may give Company ten days notice of desire to cancel the Service Agreement whenever he no longer requires any electric service for the purpose mentioned in said Agreement. Company will accept such notice as a cancellation of the Service Agreement upon being satisfied that Customer no longer requires any such service.

**3. Company's Right to Cancel Service Agreement or to Suspend Service.**

Company, in addition to all other legal remedies, shall terminate the Service Agreement, refuse or discontinue service to an applicant or customer, after proper notice for any of the following reasons:

- (a) Default or breach of these Service Regulations, after having made a reasonable effort to obtain customer compliance.
- (b) Non-payment of bills when due.
- (c) Theft, fraudulent representation or concealment in relation to the use of electricity.
- (d) Use of electricity, by the customer, in a manner detrimental to the service rendered others.
- (e) Upon the basis of a lawful order of the Kentucky Public Service Commission, the State of Kentucky or any governmental subdivision thereof having jurisdiction over the premise.
- (f) When a customer or applicant refuses or neglects to provide reasonable access to the premise.

When a dangerous condition is found to exist on the customer's or applicant's premises, the electric service shall be disconnected without notice, or application for service refused. The Company shall notify the customer or applicant within twenty-four (24) hours of such action, in writing, of the reasons for the discontinuance or refusal of service and the corrective action to be taken by the applicant or customer before service can be restored.

If discontinuance is for non-payment of bills, the customer shall be given at least ten (10) days written notice, separate from the original bill, and cut-off shall be effected not less than twenty-seven (27) days after the mailing date of the original bill unless, prior to discontinuance, a residential customer presents to the utility a written certificate, signed by a physician, registered nurse, or public health officer, that such discontinuance will aggravate an existing illness or infirmity on the affected premises, in which case discontinuance may be effected not less than thirty (30) days from the termination date, in writing, of state and federal programs which may be available to aid in payment of bills and the office to contact for such possible assistance.

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**SECTION I - SERVICE AGREEMENTS (Contd.)**

Whenever a residential customer receiving both gas and electric has received a termination of service notice, the customer shall be given the option to pay for and continue receipt of one utility service only. The Company shall offer extended payment arrangements for the service designated by the customer. If both the gas and electric service of a residential customer have been previously discontinued for non-payment, the Company shall reconnect either service upon payment by the customer of the total amount owed on the service designated by the customer to be reconnected, except as provided in 807 KAR 5:006, Section 15, Winter Hardship Reconnection.

**4. Connection of Service.**

Except as provided in SECTION 15 of the Kentucky Public Service Commission's regulations, the Company shall reconnect existing service within twenty-four (24) hours, and shall install and connect new service within seventy-two (72) hours, when the cause for discontinuance or refusal of service has been corrected and the Company's tariffed rules and the Commission's regulations have been met.

**5. Change of Address to Customer.**

When Customer changes his address he should give notice thereof to Company prior to the date of change. Customer is responsible for all service supplied to the vacated premises until such notice has been received and Company has had a reasonable time, but not less than three days, to discontinue service.

If Customer moves to an address at which he requires electric service for any purposes specified in his Service Agreement, and at which address Company has such service available under the same Rate Schedule, the notice is considered as Customer's request that Company transfer such service to the new address, but if Company does not have such service available at the new address the old Service Agreement is considered cancelled. If Company does have service available at the new address to which a different Rate Schedule applies, a new Service Agreement including the applicable Rate Schedule is offered to Customer. Company makes transfer of service as promptly as reasonably possible after receipt of notice.

**6. Successors and Assigns.**

The benefits and obligations of the Service Agreement shall inure to and be binding upon the successors and assigns, survivors and executors of administrators, as the case may be, of the original parties thereto, for the full term thereof, provided that no assignment hereof shall be made by Customer without first obtaining Company's written consent.

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**SECTION II - SUPPLYING AND TAKING OF SERVICE**

**1. Supplying of Service.**

Service is supplied only under and pursuant to these Service Regulations and any modifications or additions thereto lawfully made, and such applicable Rate Schedules and Riders as may from time to time be lawfully fixed. Service is supplied under a given Rate Schedule only at such points of delivery as are adequate and suitable, as to capacity and voltage, for the service desired; otherwise special agreements between Customer and Company may be required.

Service will not be supplied or continued to any premises if the applicant or customer is indebted to the Company for service previously supplied at the same or any other premises until payment of such indebtedness shall have been made. Unpaid balances of previously rendered Final Bills may be transferred to any account for which the customer has responsibility and may be included on initial or subsequent bills for the account to which the transfer was made. Such transferred Final Bills, if unpaid, will be a part of the past due balance of the account to which they are transferred and will be subject to the Company's collection and disconnection procedures. Final Bills may be transferred regardless of whether they are for combination gas and electric or gas only or electric only charges. The Company shall have the right to transfer Final Bills between residential and commercial with residential characteristics (e.g., service supplying common use facilities of any apartment building) revenue classifications.

Notwithstanding the provisions of 807 KAR 5:006, Section 15, Winter Hardship Reconnection to the Contrary, service will not be supplied or continued to any premises if at the time of application for service the applicant is merely acting as an agent of a present or former customer who is indebted to the Company for service previously supplied at the same or other premises until payment of such indebtedness shall have been made. Service will not be supplied where the applicant is a partnership or corporation whose general partner or controlling stockholder is a present or former customer who is indebted to the Company for service previously supplied at the same premises until payment of such indebtedness shall have been made.

**2. Information Relative to Service.**

Information relative to the service that will be supplied at a given location should be obtained from Company. Company will not be responsible for mistakes of any kind resulting from information given orally. Such information must be confirmed in writing.

**3. Continuity of Service.**

The Company shall make reasonable provisions to supply satisfactory and continuous electric service, but does not guarantee a constant or uninterrupted supply of electricity and shall not be liable for any damage or claim of damage attributable to any interruption or reversal of service caused by unavoidable accident or casualty, extraordinary action of the elements, action of any governmental authority, litigation, or by any cause which the Company could not have reasonably foreseen and made provision against.

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**SECTION II - SUPPLYING AND TAKING OF SERVICE (Contd.)**

**4. Suspension of Service for Repairs and Changes.**

When necessary to make repairs to or changes in Company's plant, generating equipment, transmission or distribution system, or other property, Company may without incurring any liability therefor, suspend service for such periods as may be reasonably necessary, and in such manner as not to inconvenience Customer unnecessarily.

**5. Use of Service.**

Service is supplied directly to Customer through Company's own meter and is to be used by Customer only for the purposes specified in and in accordance with the provisions of the Service Agreement and applicable Rate Schedule. Service is for Customer's use only and under no circumstances may Customer or Customer's agent or any other individual, association or corporation install meters for the purpose of remetering or reselling or otherwise disposing of service supplied Customer except as follows:

- (a) If on November 10, 1953, Customer was engaged in resale under a rate which permitted resale, the Company will continue to furnish electricity for resale at the same premises under the applicable effective rate schedule only on the condition that any charge made by Customer for service resold shall not exceed the charge determined in accordance with Company's applicable rate, as in effect from time to time, for like service, until and unless otherwise ordered by the Kentucky Public Service Commission.
- (b) Customer operating an automobile trailer camp, with consent of Company may install meters and resell electricity to individual trailers only on the same condition in respect to charges as stated in paragraph (a), above.

Customer will not build lines across or under a street, alley, lane, court or avenue or other public or private space in order to obtain service for adjacent property through one meter even though such adjacent property be owned by Customer. Consent may be given when such adjacent properties are operated as one integral unit under the same name and for carrying on parts of the same business.

In case of unauthorized remetering, sale, extension or other disposition of service, Company may immediately discontinue the supplying of service to Customer until such unauthorized act is discontinued and full payment is made for all service supplied or used, billed on proper classification and Rate Schedule, and reimbursement in full made to Company for all extra expenses incurred, including expenses for clerical work, testing and inspections.

No other electric light or power service, shall, except under a contract for auxiliary or supplementary service, be used by Customer on the same installation in conjunction with Company's service, either by means of a "Throwover" switch or any other connection.

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**SECTION II - SUPPLYING AND TAKING OF SERVICE (Contd.)**

**6. Customer's Responsibility.**

Customer assumes all responsibility on Customer's side of the point of delivery (the end of the Company's service drop, or where Company's wires are joined to Customer's wires or apparatus) for the service supplied or taken, as well as for the electrical installation, appliances and apparatus used in connection therewith, and will save Company harmless from and against all claims for injury or damage to persons or property occasioned by or in any way resulting from such service or the use thereof on Customer's side of the point of delivery.

**7. Right-of-Way.**

Customer is responsible for all conveyances to Company for all right-of-way satisfactory to it across the property owned or controlled by Customer for Company's lines or extensions thereof necessary or incidental to the supplying of service to Customer, or customers beyond Customer's property when such rights are limited to installations along dedicated streets and roads.

**8. Access to Premises.**

The properly authorized agents of the Company shall at all reasonable hours have free access to the premises for the purpose of inspecting the Customer's installation and of examining, repairing or removing the Company's meters, or other property, reading of meters and all other purposes incident to the supplying of service, and for such purpose the Customer authorizes and requests his landlord, if any, to permit such access to the premises.

**9. Location of Customer's Service Terminals.**

Customer's service terminals are to be located at a point readily accessible to Company's service mains, such point to be determined by Company.

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### SECTION III - CUSTOMER'S INSTALLATIONS

#### 1. Nature and Use of Installation.

All wiring and other electrical equipment in the premises or connecting the premises with Company's service, furnished by the Customer, shall be suitable for the purposes thereof, and shall be maintained by Customer at all times in conformity with the safety requirements of the accredited agency having jurisdiction and with the rules, regulations and requirements of Company in force from time to time.

#### 2. Low Power Factor Equipment Installation.

In the case of neon lamps, mercury vapor lamps, and other gaseous tube lamps or devices, motors and other equipment having low power factors, served under the Company's standard rate schedules, not having Power Factor Correction Provision, the Customer will be required to provide at his own expense power factor corrective equipment designed to increase the power factor of any such lamps or devices, motors and other equipment to not less than .85.

When the power factor of any such equipment on the Customer's premises is less than .85, the following provision will apply:

- (a) When the billing demand is determined by estimate based on the connected load of the Customer's installation, the wattage of such equipment will be taken as the volt ampere input or rating of such equipment.
- (b) When the billing demand is measured by demand instruments, to the demand so established will be added the difference between the rating in watts of such equipment, and the input or rating of such equipment in volt amperes.

#### 3. Special Power Apparatus.

In the case of hoists, elevators, welding machines or other installations, where the use of electricity is intermittent or subject to violent fluctuations, Company reserves the right to use the input rating or the metered instantaneous demand of such equipment under maximum operating conditions, for billing purposes, or to require the Customer to provide at his own expense, suitable equipment to reasonably limit such intermittence or fluctuation.

#### 4. Changes in Installations.

As Company's service drops, transformers, meters, and other facilities used in supplying service to Customer have a limited capacity, Customer should give notice to Company, and obtain Company's consent, before making any material changes or increases in his installation. Company as promptly as possible after receipt of such notice will give its written approval to the proposed change or increase, or will advise Customer upon what conditions service can be supplied for such change or increase. Any change affecting an estimated billing demand shall be rerated by Company's inspector and shall become effective from the succeeding meter reading.

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**SECTION IV - COMPANY'S INSTALLATION**

**1. Installation and Maintenance.**

Except as otherwise provided in these Service Regulations, in Service Agreements or Rate Schedules, Company will install and maintain its lines and equipment on its side of the point of delivery, but shall not be required to install or maintain any lines or equipment, except meters, or transformers, on Customer's side of the point of delivery without cost to Customer. Only Company's agents are authorized to connect Company's service drop to Customer's service terminals.

Company installs its overhead service drop, supplies one set of service drop attachment fittings and makes connection to Customer's service terminals.

The rates for each class of service provided for in the Rate Schedules contemplate the furnishing of service to one location or premise through one standard service connection. Where Customer is receiving service through more than one standard service connection, Company will calculate and render a separate bill for service furnished through each service connection.

Subject to the rules, conditions and riders covering the installation of service connections and extensions, Company will make one standard service connection to Customer's installation; if three phase service is required an additional connection is necessary, both will be considered as one standard service connection.

**2. Company's Property and Protection Thereof.**

All meters, and equipment furnished by and at the expense of Company, which may at any time be in said premises, shall, unless otherwise provided herein, be and remain the property of Company, and Customer shall protect such property from loss or damage, and no one who is not an agent of Company shall be permitted to remove or handle same.

**3. Relocation of Facilities**

When a customer or private party requests the Company to relocate the Company's facilities or a customer's service entrance wiring, such requesting party shall pay all expenses related to such relocation.

When the Company relocates its facilities or a customer's service entrance wiring at the request of a governmental entity (or Administrating Agency) and if the relocation was related to a project financed through transportation improvement district funding, joint economic development district funding, tax increment funding, or similar quasi-public funding, then the governmental entity (or Administrating Agency) shall pay for the cost of relocating Company's facilities in direct proportion to the contributions received from the other funding sources.

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in Case No. 2006-00172. (T)

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Issued by Julie Janson, President (T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
First Revised Sheet No. 24 (T)  
Cancels and Supersedes  
Original Sheet No. 24 (T)  
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**SECTION V - METERING**

**1. Installation of Meters.**

Electricity will be measured by a meter or meters to be installed by Company upon Customer's premises at a point most convenient for Company's service drop, and upon the registration of said meter or meters all bills will be calculated. Company will install upon customer's premises but one meter or one unified set of meters of each standard service connection.

**2. Meter Tests.**

All meter tests shall be made in accordance with rules by the Kentucky Public Service Commission.

Upon written request by customer, the Company shall perform a meter test if the request is not made more frequently than once a year.

**3. Monitoring of Customer Usage.**

Each month the Company will monitor the usage of each customer according to the following procedure:

1. The customer's monthly usage is monitored through a "hi-lo" review process. An estimating factor is utilized to provide an expected level of usage. The estimating factor considers the customer's past usage and current variables, such as weather. (T)  
(D)  
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2. The actual usage is compared to an estimate based on the previous month's usage, an estimate based on the usage from the same month, one year previous, and an estimate based on the usage from the same month, two years previous. (D)  
(D)  
(D)
3. If there is a substantial difference between the actual and estimated usages, the account will be reviewed manually to determine the appropriate usage level.
4. Where the difference is not otherwise explained, the Company may obtain a special meter read to verify the accuracy of the previous usage.
5. Where the difference is still unexplainable after taking the special meter read, the Company may test the customer's meter to determine its accuracy.
6. The Company will notify the customer of the investigation, its findings, and any refund or back billing to be made, in accordance with 807 KAR 5:006, Section 10 (4) and (5).

In addition to the monthly monitoring, the Company will immediately investigate the usage deviations brought to its attention as a result of its on-going meter reading or billing processes or customer inquiry.

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## SECTION VI - BILLING AND PAYMENT

### 1. Billing Periods - Time and Place for Payment of Bills.

Bills ordinarily are rendered regularly at monthly intervals, but may be rendered more or less frequently at Company's option. Bills may be rendered by hand delivery, mail, electronically, or by any other reasonable means. If bills are rendered electronically then a charge not to exceed \$0.25 per usage may be assessed. Non-receipt of bills by customer does not release or diminish the obligation of Customer with respect to payment thereof.

The word "month" as it pertains to the supply of service shall mean the period of approximately thirty days between meter readings as fixed and made by Company. Meters are ordinarily read at monthly intervals but may be read more or less frequently at Company's option but no less than quarterly. Company shall have the right to establish billing districts for the purpose of reading meters and rendering bills to customers at various dates. A change or revision of any Rate Schedule shall be applicable to all bills on which the initial monthly meter reading was taken on or after the effective date of such change or revision, except as otherwise ordered by the Kentucky Public Service Commission.

Bills are due on the date indicated thereon as being the last date for payment of the net amount, or as otherwise agreed to, and bills are payable only at the Company's offices or authorized agencies for collection. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5% is due and payable. If a partial payment is made, the amount will be applied to items of indebtedness in the same order as they have accrued, except that any payment received shall first be applied to the bill for service rendered.

The Company may issue interim bills based on average normal usage instead of determining actual usage by reading the meter. Interim bills may also be used when access to Company's meter cannot be obtained or emergency conditions exist.

### 2. Information on Customer Bills.

Every bill rendered by the Company for metered service will clearly state:

- (a) The beginning and ending meter readings for the billing period and the dates thereof.
- (b) The amount of energy usage.
- (c) The amount due for the energy used, any adjustments, including assessed late payment charges, and the gross amount of the bill.
- (d) The rate code under which the customer is billed.
- (e) The date of the last day payment can be made without a late payment charge being assessed.
- (f) Any previous balance.
- (g) The address, phone number, and business hours of the Company.
- (h) The date of the next scheduled meter reading.
- (i) The date after which received payments are not reflected in the bill.
- (j) The type of service rendered (gas or electric).
- (k) The amount, and identification, of any tax or fee the Company is authorized either by state law or order of the Commission to collect.

Issued by authority of an Entry of the Kentucky Public Service Commission dated January 24, 2013 in Filing No. TFS2012-01178.

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Issued: December 21, 2012

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**SECTION VI - BILLING AND PAYMENT (Contd.)**

**3. Charge for Restoring Service for Non-Payment of Bill and Unlawful Use of Service.**

Company may charge and collect in advance the sum as specified on Tariff Sheet "Charge for Reconnection of Service" for reconnecting a customer's service after service is disconnected because of non-payment of bill when due or when service is discontinued because of fraudulent use, except as may be provided by 807 KAR 5:006, Section 15, Winter Hardship Reconnection.

**4. Temporary Discontinuance of Service.**

If any customer on a residential rate, because of absence or otherwise, shall notify Company in writing or by telephone to discontinue service, Company will make no minimum charge for any full meter reading period during the period of discontinuance; provided, however, that Company may charge and collect the sum as specified on Tariff Sheet "Charge for Reconnection of Service" prior to reconnecting a service which was discontinued at customer's request within the preceding twelve months.

**5. Selection of Rate Schedule.**

When a prospective customer makes application for service, Company will, upon request, assist in the selection of the Rate Schedule most favorable to customer or the service requested. The selection will be based on the prospective customer's statement as to the class of service desired, the amount and manner of use, and any other pertinent information.

**6. Change to Optional Rate Schedule.**

A customer being billed under one of two or more optional Rate Schedules applicable to his class of service may elect to be billed on any other applicable Rate Schedule by notifying Company in writing, and Company will bill customer under such elected Schedule from and after the date of the next meter reading. However, a customer having made such a change of Rate Schedule may not make another such change within the next twelve months.

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**7. Availability of Budget Billing.**

(1)

Company has available to its customers a "Budget Billing Plan" which minimizes billing amount fluctuations over a twelve month period. The Company may exercise discretion as to the availability of such a plan to a customer based on reasonable criteria, including but not limited to:

(1)

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- (a) Customer's recent payment history.
- (b) The amount of the delinquent account.
- (c) Customer's payment performance in respect to any prior arrangements or plans.
- (d) Any other relevant factors concerning the circumstances of the customer including health and age.

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**SECTION VI - BILLING AND PAYMENT (Contd.)**

If the customer fails to pay bills as rendered under the Budget Payment Plan, the Company reserves the right to revoke the plan, restore the customer to regular billing and require immediate payment of any deficiency. (T)

Failure to receive a bill in no way exempts customer from the provisions of these terms and conditions.

**8. Partial payment Plans.**

The Company shall negotiate and accept reasonable partial payment plans at the request of residential customers who have received a termination notice according to the regulations governing failure to pay, except the Company shall not be required to negotiate a partial payment plan with a customer who is delinquent under a previous payment plan.

**9. Bill Format**

The Company has included as Appendix A to these Service Regulations an example of the Company's customer bill format.

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**SECTION VII - DEPOSITS**

**1. Deposits.**

The Company may require a minimum cash deposit or other guaranty to secure payment of bills except for customers qualifying for service reconnection pursuant to 807 KAR 5:006, Section 15, Winter Hardship Reconnection. Service may be refused or discontinued for failure to pay the requested deposit. Interest, as prescribed by KRS 278.460, will be paid annually either by refund or credit to the customer's bill.

The deposit may be waived by the Company upon a customer's showing of satisfactory credit or payment history, and required residential service deposits will be returned after one (1) year if the customer has established a satisfactory payment record for that period; but commercial deposits will be retained during the entire time that the account remains active. If a deposit has been waived or returned and the customer fails to maintain a satisfactory payment record, a deposit may then be required. The Company may require a deposit in addition to the initial deposit if the customer's classification of service changes or if there is a substantial change in usage. Upon termination of service, the deposit, any principal amounts, and any interest earned and owing will be credited to the final bill with any remainder refunded to the customer.

In determining whether a deposit will be required or waived, information such as the following may be considered:

1. Previous history with the Company. If the customer has no previous history with the Company, statements from other utilities, banks, etc. may be presented by the customer as evidence of good credit.
2. Whether the customer has filed bankruptcy proceedings within the last seven years.
3. Whether another customer with a good payment history is willing to sign as a guarantor for an amount equal to the required deposit.

A security deposit will be required pursuant to 11 U.S.C. Section 366 in all bankruptcies where the Company is listed as a creditor.

If a deposit is held longer than 18 months, the deposit will be recalculated at the customer's request based on the customer's actual usage. If the deposit on account differs from the recalculated amount by more than \$10.00 for a residential customer or 10 percent for a non-residential customer, the Company may collect any underpayment and shall refund any overpayment by check or credit to the customer's bill. No refund will be made if the customer's bill is delinquent at the time of the recalculation.

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**SECTION VII - DEPOSITS (Contd.)**

**2. All Calculated Deposits.**

Customer deposits shall be based upon actual usage of the customer at the same or similar premises for the most recent 12-month period, if such information is available. If usage information is not available, the deposit will be based on the average bills of similar customers and premises in the system. The deposit amount shall not exceed two-twelfths ( $2/12$ ) of the customer's actual or estimated annual bill.

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## SECTION VIII - APPLICATION

### 1. Application of Service Regulations and Rate Schedules.

All Service Agreements at present in effect or that may be entered into in the future are made expressly subject to these Service Regulations and any modifications hereof that may be lawfully made, and subject to all applicable existing Rate Schedules and any lawfully made change therein, substitutions therefore or additions thereto.

### 2. Agents Cannot Modify Agreement.

No agent has the right to amend, modify or alter the application, rates terms, conditions, rules or regulations as filed with the Kentucky Public Service Commission, or to make any promise or representation not contained in the Company's schedules, supplements thereto and revisions thereof, lawfully filed with said commission.

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Duke Energy Kentucky, Inc.  
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## RATE RS

### RESIDENTIAL SERVICE

#### APPLICABILITY

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

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

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

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

Computed in accordance with the following charges:

- |   |            |           |     |
|---|------------|-----------|-----|
| 1. Base Rate  |            |           |     |
| (a) Customer Charge   | \$4.50     | per month | (I) |
| (b) Energy Charge   |            |           |     |
| All kilowatt hours  | \$0.075456 | per kWh   | (I) |
| 2. Applicable Riders  |            |           |     |
| The following riders are applicable pursuant to the specific terms contained within each rider: |            |           | (N) |
| Sheet No. 78, Rider DSMR, Demand Side Management Rider  |            |           |     |
| Sheet No. 80, Rider FAC, Fuel Adjustment Clause   |            |           |     |
| <u>Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric</u>                        |            |           | (D) |
| Sheet No. 82, Rider PSM, Profit Sharing Mechanism   |            |           | (N) |

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

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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**RATE DS**

**SERVICE AT SECONDARY DISTRIBUTION VOLTAGE**

**APPLICABILITY**

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

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, and all applicable riders, shall not exceed \$0.241184 per kilowatt-hour (kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Base Rate

(a) Customer Charge per month

Single Phase Service	<u>\$ 7.50</u>	per month	(I)
Three Phase Service	<u>\$ 15.00</u>	per month	(I)

(b) Demand Charge

First 15 kilowatts	\$ 0.00	per kW	
Additional kilowatts	<u>\$ 7.75</u>	per kW	(I)

(c) Energy Charge

First 6,000 kWh	<u>\$0.081645</u>	per kWh	(I)
Next 300 kWh/kW	<u>\$0.050119</u>	per kWh	(I)
Additional kWh	<u>\$0.041043</u>	per kWh	(I)

2. Applicable Riders

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

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric (D)

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge shown above. (N)

For customers receiving service under the provisions of former Rate C, Optional Rate for Churches, as of June 25, 1981, the maximum monthly rate per kilowatt-hour shall not exceed \$0.148065 per kilowatt-hour plus all applicable riders. (I)

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**NET MONTHLY BILL (Cont'd)**

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

**METERING**

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

**DEMAND**

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

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

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

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

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

**POWER FACTOR ADJUSTMENT**

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

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

- a. Continuous measurement
  - the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or

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**POWER FACTOR ADJUSTMENT (Cont'd)**

b. Testing

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

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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

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

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

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**RATE DT**

**TIME-OF-DAY RATE FOR SERVICE AT DISTRIBUTION VOLTAGE**

**APPLICABILITY**

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

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

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

**1. Base Rate**

(a) Customer Charge			
Single Phase	\$ <u>7.50</u>	per month	(I)
Three Phase	\$ <u>15.00</u>	per month	(I)
Primary Voltage Service	\$ <u>100.00</u>	per month	(I)
(b) Demand Charge			
Summer			
On Peak kW	\$ <u>12.75</u>	per kW	(I)
Off Peak kW	\$ <u>1.15</u>	per kW	(I)
Winter			
On Peak kW	\$ <u>12.07</u>	per kW	(I)
Off Peak kW	\$ <u>1.15</u>	per kW	(I)
(c) Energy Charge			
Summer On Peak kWh	\$ <u>0.044195</u>	per kWh	(I)
Winter On Peak kWh	\$ <u>0.042195</u>	per kWh	(I)
Off Peak kWh	\$ <u>0.036195</u>	per kWh	(I)

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**Low Load Factor Optional Rate – Pilot Program**

Customers with annual load factors of 45% or lower are eligible to receive service at the following rates. Annual load factor is defined as the sum of the kWh during the prior year divided by the sum of the kW during the prior year divided by 730. This pilot program low load factor optional rate will remain in effect through December 31, 2007. The Company may apply to continue this pilot program beyond December 31, 2007, subject to Commission approval.

**Base Rate**

<b><u>(a) Customer Charge</u></b>	
Single Phase	\$ 7.50 per month
Three Phase	\$ 15.00 per month
Primary Voltage Service	\$100.00 per month
<b><u>(b) Demand Charge</u></b>	
<b><u>Summer</u></b>	
On Peak kW	\$ 11.90 per kW
Off Peak kW	\$ 1.15 per kW
<b><u>Winter</u></b>	
On Peak kW	\$ 10.54 per kW
Off Peak kW	\$ 1.15 per kW
<b><u>(c) Energy Charge</u></b>	
Summer On Peak kWh	\$0.046857 per kWh
Winter On Peak kWh	\$0.044857 per kWh
Off Peak kWh	\$0.038857 per kWh

**2. Applicable Riders**

The following riders are applicable pursuant to the specific terms contained within each rider: (N)  
Sheet No. 78, Rider DSMR, Demand Side Management Rider  
Sheet No. 80, Rider FAC, Fuel Adjustment Clause  
Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric (D)  
Sheet No. 82, Rider PSM, Profit Sharing Mechanism (N)

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

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

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

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

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**RATING PERIODS**

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

- a) On Peak Period  
Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays.  
Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.
- b) Off Peak Period - All hours Monday through Friday not included above plus all day Saturday and Sunday, as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day and Christmas Day on the day nationally designated to be celebrated as such.

**METERING**

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

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

- First 1,000 kW of On Peak billing demand at \$0.65 per kW. (T)
- Additional kW of On Peak billing demand at \$0.50 per kW. (T)

**DEMAND**

The On Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the on peak rating period adjusted for power factor as provided herein. The Off Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the off peak rating period adjusted for power factor minus the On Peak billing demand. In no case shall the Off Peak billing demand be less than zero.

**POWER FACTOR ADJUSTMENT**

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

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

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

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**TERMS AND CONDITIONS**

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

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

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

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

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

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

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(T)

(T)

**RATE EH**

**OPTIONAL RATE FOR ELECTRIC SPACE HEATING**

**APPLICABILITY**

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

**TYPE OF SERVICE**

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

(T)

**NET MONTHLY BILL**

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

**A. Winter Period**

**1. Base Rate**

**(a) Customer Charge**

Single Phase Service

\$ 7.50 per month

(I)

Three Phase Service

\$ 15.00 per month

(I)

Primary Voltage Service

\$ 100.00 per month

(I)

**(b) Energy Charge**

All kWh

\$0.061524 per kWh

(I)

**2. Applicable Riders**

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

(N)

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

(D)

The minimum charge shall be the Customer Charge stated above.

(N)

**B. Summer Billing Period**

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

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**NET MONTHLY BILL (Contd.)**

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

**DEMAND**

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

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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**RATE SP**

**SEASONAL SPORTS SERVICE**

**APPLICABILITY**

Applicable to electric service required for sports installations, such as football and baseball fields, swimming pools, tennis courts, and recreational areas, promoted, operated and maintained by non-profit organizations, such as schools, churches, civic clubs, service clubs, community groups, and municipalities, where such service is separately metered and supplied at one point of delivery, except, not applicable to private sports installations which are not open to the general public. This rate is available only to customers to whom service was supplied in accordance with its terms on June 25, 1981.

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

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

- 1. Base Rate
  - (a) Customer Charge \$7.50 per month (I)
  - (b) Energy Charge \$0.100598 per kWh (I)

2. Applicable Riders

- The following riders are applicable pursuant to the specific terms contained within each rider:
  - Sheet No. 78, Rider DSMR, Demand Side Management Rider (N)
  - Sheet No. 80, Rider FAC, Fuel Adjustment Clause
  - Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric (D)
  - Sheet No. 82, Rider PSM, Profit Sharing Mechanism (N)

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

**RECONNECTION CHARGE**

A charge of \$25.00 is applicable to each season to cover in part the cost of reconnection of service.

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

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**TERMS AND CONDITIONS**

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

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

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## RATE GS-FL

### OPTIONAL UNMETERED GENERAL SERVICE RATE FOR SMALL FIXED LOADS

#### APPLICABILITY

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

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

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

##### 1. Base Rate

- (a) For loads based on a range of 540 to 720 hours use per month of the rated capacity of the connected equipment \$0.080723 per kWh (I)
- (b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment \$0.092947 per kWh (I)

##### 2. Applicable Riders

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

- Sheet No. 78, Rider DSMR, Demand Side Management Rider (N)  
Sheet No. 80, Rider FAC, Fuel Adjustment Clause  
Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric (D)  
Sheet No. 82, Rider PSM, Profit Sharing Mechanism (N)

Minimum: \$3.00 per Fixed Load Location per month. (I)

#### LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

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**SERVICE PROVISIONS**

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

**TERM OF SERVICE**

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

**SERVICE REGULATIONS**

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

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(T)

(T)

RATE DP

SERVICE AT PRIMARY DISTRIBUTION VOLTAGE

APPLICABILITY

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, electric fuel component charges and DSM Charge shall not exceed \$0.241184 per kilowatt-hour (Kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Base Rate

(a) Customer Charge				
Primary Voltage Service (12.5 or 34.5 kV)	\$	<u>100.00</u>	per month	(I)
(b) Demand Charge				
All kilowatts	\$	<u>7.08</u>	per kW	(I)
(c) Energy Charge				
First 300 kWh/kW		<u>\$0.051068</u>	per kWh	(I)
Additional kWh		<u>\$0.043198</u>	per kWh	(I)

2. Applicable Riders

- The following riders are applicable pursuant to the specific terms contained within each rider: (N)
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric (D)
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism (N)

The minimum charge shall be the Customer Charge shown above.

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**PRIMARY VOLTAGE METERING DISCOUNT**

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

**DEMAND**

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

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

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

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

**POWER FACTOR ADJUSTMENT**

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

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

a. Continuous measurement

- the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or

b. Testing

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

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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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

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

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

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

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(T)

(T)

## RATE TT

### TIME-OF-DAY RATE FOR SERVICE AT TRANSMISSION VOLTAGE

#### APPLICABILITY

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

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

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

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

1. Base Rate			
(a) Customer Charge		\$ 500.00 per month	
(b) Demand Charge			
Summer			
On Peak kW		\$ 7.60 per kW	(I)
Off Peak kW		\$ 1.15 per kW	(I)
Winter			
On Peak kW		\$ 6.24 per kW	(I)
Off Peak kW		\$ 1.15 per kW	(I)
(c) Energy Charge			
All kWh		\$0.042648 per kWh	(D)
			(N)

#### 2. Applicable Riders

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

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

(N)

(D)

(N)

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

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**NET MONTHLY BILL (Contd.)**

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

**RATING PERIODS**

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

- a) On Peak Period  
Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays.  
Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.
- b) Off Peak Period - all hours Monday through Friday not included above plus all day Saturday and Sunday as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day on the day nationally designated to be celebrated as such.

**METERING**

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

**DEMAND**

The On Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the on peak rating period adjusted for power factor as provided herein. The Off Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the off peak rating period adjusted for power factor minus the On Peak billing demand. In no case shall the Off Peak billing demand be less than zero.

**POWER FACTOR ADJUSTMENT**

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

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

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.

(T)

Issued: August 18, 2017

(T)

Effective: August 30, 2017

(T)

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

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**TERMS AND CONDITIONS**

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

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

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

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

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

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Witness Responsible: Bruce Sailors

KY.P.S.C. Electric No. 2

Second Revised Sheet No. 58

Cancels and Supersedes

First Revised Sheet No. 58

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

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**RIDER GSS  
GENERATION SUPPORT SERVICE**

**APPLICABILITY**

Applicable to any general service customer having generation equipment capable of supplying all or a portion of its power requirements for other than emergency purposes and who requests supplemental, maintenance or backup power.

**TYPE OF SERVICE**

Service will be rendered in accordance with the specifications of the Company's applicable distribution voltage service or transmission voltage service tariff schedules.

**NET MONTHLY BILL**

The provisions of the applicable distribution service or transmission service tariff schedule and all applicable riders shall apply to Supplemental Power Service, Maintenance Power Service and Backup Power Service except where noted otherwise. The monthly Administrative Charge and the Monthly Reservation Charges as shown shall apply only to Maintenance Power Service and Backup Power Service.

1. **Administrative Charge**  
The Administrative Charge shall be \$50 plus the appropriate Customer Charge.
2. **Monthly Distribution Reservation Charge** (T)
  - a. Rate DS - Secondary Distribution Service \$2.6853 per kW (I)
  - b. Rate DT - Distribution Service \$2.4735 per kW (I)
  - c. Rate DP - Primary Distribution Service \$2.7781 per kW (I)
  - d. Rate TT - Transmission Service \$0.0000 per kVA (I)
3. **Monthly Transmission Reservation Charge** (D)
  - a. Rate DS - Secondary Distribution Service \$1.3094 per kW (D)
  - b. Rate DT - Distribution Service \$1.3047 per kW (D)
  - c. Rate DP - Primary Distribution Service \$1.8493 per kW (D)
  - d. Rate TT - Transmission Service \$1.2861 per kVA (D)
4. **Monthly Ancillary Services Reservation Charge** (D)
  - a. Rate DS - Secondary Distribution Service \$0.5240 per kW (D)
  - b. Rate DT - Distribution Service \$0.5240 per kW (D)
  - c. Rate DP - Primary Distribution Service \$0.5240 per kW (D)
  - d. Rate TT - Transmission Service \$0.4550 per kVA (D)
5. **Supplemental Power Service**  
The customer shall contract with the Company for the level of demand required for Supplemental Power Service. All Supplemental Power shall be billed under the terms and charges of the Company's applicable full service tariff schedules. All power not specifically identified and contracted by the customer as Maintenance Power or Backup Power shall be deemed to be Supplemental Power.

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006  
in Case No. 2006-00172.

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(T)

Issued: September 29, 2010Effective: September 30, 2010

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Issued by Julie Janson, President

(T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

**NET MONTHLY BILL (Contd.)**

**6. Maintenance Power Service**

**Requirements -**

The customer shall contract with the Company for the level of demand required for Maintenance Power. The contracted level of Maintenance Power shall be the lesser of: 1) the transmission and/or distribution capacity required to serve the contracted load; or, 2) the demonstrated capacity of the customer's generating unit(s) for which Maintenance Power is required. The customer's Maintenance Power requirements for each generating unit must be submitted to the Company at least sixty (60) days prior to the beginning of each calendar year. Within thirty (30) days of such submission, the Company shall respond to the customer either approving the Maintenance Power schedule or requesting that the customer reschedule those Maintenance Power requirements. For each generating unit, the customer may elect Maintenance Power Service for up to thirty (30) days in any twelve month period with no more than two (2) days consecutively during the summer billing periods of June through September and those must be during the Company's off-peak periods. The customer may request an adjustment to the previously agreed upon Maintenance Power schedule up to three weeks prior to the scheduled maintenance dates. The adjusted dates must be within one (1) week of the previously scheduled dates and result in a scheduled outage of the same seasonal and diurnal characteristics as the previously scheduled maintenance outage. The Company shall respond to the customer's request for an adjustment within one (1) week of that request. The Company may cancel a scheduled Maintenance Power period, with reason, at any time with at least seven (7) days notice to the customer prior to the beginning of a scheduled maintenance outage if conditions on the Company's electrical system warrant such a cancellation. Any scheduled Maintenance Power period cancelled by the Company shall be rescheduled subject to the mutual agreement of the Company and the customer.

**Billing -**

All power supplied under Maintenance Power Service shall be billed at the applicable rate contained in the Company's full service tariff schedules except for the following modifications: 1) the demand ratchet provision of the Company's full service tariff schedules shall be waived; and 2) the demand charge for Generation shall be fifty (50) percent of the applicable full service tariff Generation demand charge prorated by the number of days that Maintenance Power is taken.

**7. Backup Power Service**

**Requirements -**

The customer shall contract with the Company for the level of demand required for Backup Power. The contracted level of Backup Power shall be the lesser of: 1) the transmission and/or distribution capacity required to serve the contracted load; or, 2) the demonstrated capacity of the customer's generating unit(s) for which Backup Power is required. The customer shall notify the Company by telephone within one-hour of the beginning and end of the outage. Within 48 hours of the end of the outage, the customer shall supply written notice to the Company of the dates and times of the outage with verification that the outage had occurred.

**Billing -**

All Backup Power will be billed at the applicable rate contained in the Company's full service tariff schedules except for the following modifications: 1) the demand ratchet provision, if any, of the Company's full service tariff schedules is waived; and 2) the demand charge for Generation shall be the applicable full service tariff schedule Generation demand charge as shown in Appendix A prorated by the number of days that Backup Power is taken, except that where some of the customer's load requirement for Backup Power and Supplemental Power is 5 MW or greater and such requirement represents new load for ULH&P subsequent to January 1, 2002, the customer's generation charge for energy and demand shall be based on the provisions of Rate RTP-M, Sheet No. 59.

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 (T)  
in Case No. 2006-00172. (T)

Issued: September 29, 2010 Effective: September 30, 2010 (T)

Issued by Julie Janson, President (T)



Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

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**NET MONTHLY BILL (Contd.)**

**8. Monthly Reservation Charges**

The Monthly Distribution Reservation Charge, Monthly Transmission Reservation Charge and the Monthly Ancillary Services Charge items shown above shall be based on the greater of the contracted demand for Maintenance Power or Backup Power.

**METERING**

Recording meters, as specified by the Company, shall be installed where necessary, at the customer's expense. All metering equipment shall remain the property of the Company.

**DEFINITIONS**

Supplemental Power Service – a service which provides distribution and/or transmission capacity to the customer as well as the energy requirements for use by a customer's facility in addition to the electric power which the customer ordinarily generates on its own.

Maintenance Power Service – a contracted service which provides distribution and/or transmission capacity as well as the energy requirements for use by the customer during scheduled outages or interruptions of the customer's own generation.

Backup Power Service – a contracted service which provides distribution and/or transmission capacity as well as the energy requirements for use by the customer to replace energy generated by the customer's own generation during an unscheduled outage or other interruption on the part of the customer's own generation.

**TERMS AND CONDITIONS**

The term of contract shall be for a minimum of five (5) years.

The customer shall be required to enter into a written Service Agreement with the Company which shall specify the type(s) of service required, notification procedures, scheduling, operational requirements, the amount of deviation from the contract demand to provide for unavoidable generation fluctuations resulting from normal mechanical factors and variations outside the control of the customer and the level of demand and energy required.

The customer is required to adhere to the Company's requirements and procedures for interconnection as set forth in the Company's publication, "System Protection Requirements & Guidelines for Connection & Parallel Operation of Non-Utility Generators" which is provided to customers requesting service under this rider.

The cost of any additional facilities associated with providing service under the provisions of this rider shall be borne by the customer.

Changes in contracted demand levels may be requested by the customer once each year at the contract anniversary date. This request shall be made at least thirty (30) days in advance of the contract anniversary date.

The Company may enter into special agreements with customers which may deviate from the provisions of this rider. Such agreements shall address those significant characteristics of service and cost which would influence the need for such an agreement.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006  
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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY, P.S.C. Electric No. 2  
Third Revised Sheet No. 59 (T)  
Cancels and Supersedes  
Second Revised Sheet No. 59 (T)  
Page 1 of 3

**RATE RTP - M**  
**REAL TIME PRICING – MARKET-BASED PRICING**

**APPLICABILITY**

Applicable to all new Customers as of January 1, 2002 having estimated service requirements of 5,000 kilowatts or more and to existing Customers whose service requirements increase by 5,000 kilowatts or more. Where an existing Customer's requirements increase by 5,000 kilowatts or more, that Customer's incremental load will be subject to the provisions of this rate schedule.

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**PROGRAM DESCRIPTION**

Under the RTP-M program, binding Price Quotes will be sent to each Customer on a day-ahead basis. Customers have the opportunity to manage their electric costs by either shifting load from higher cost to lower cost pricing periods or adding new load during lower cost pricing periods.

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**CUSTOMER CHARGE**

The following Customer Charges will be assessed:

Secondary Service .....	\$ 15.00 per month
Primary Service .....	\$100.00 per month
Transmission Service .....	\$500.00 per month

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**PRICE QUOTES**

The Company will send to Customer, within two hours after the wholesale prices are published by PJM each day, Price Quotes to be charged the next day. Such Price Quotes shall include the applicable Commodity Charge, the Energy Delivery Charge and the Ancillary Services Charge.

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The Company may send more than one day ahead Price Quotes for weekends and holidays identified in the Company's tariffs. The Company may revise these prices the day before they become effective.

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The Company is not responsible for failure of Customer to receive and act upon the Price Quotes. It is the Customer's responsibility to inform the Company of any failure to receive the Price Quotes the day before they become effective.

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**COMMODITY CHARGE**

The Commodity Charge is a charge for generation. The applicable hourly Commodity Charge shall be applied on an hour by hour basis to Customer's usage.

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Charge For Each kW Per Hour:

$CC_t = MVG_t \times LAF$

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(D)  
(D)

Where:

LAF	=	loss adjustment factor
	=	1.0530 for Transmission Service
	=	1.0800 for Primary Service
	=	1.1100 for Distribution Service
MVG <sub>t</sub>	=	Market Value Of Generation As Determined By Company for hour t

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Issued by authority of an Order of the Kentucky Public Service Commission dated June 1, 2012 in Case No. 2012-00276.

(T)  
(T)

Issued: April 23, 2012

Effective: June 1, 2012

(T)

Issued by Julie Janson, President

(T)



Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

**METERING ADJUSTMENTS**

The Company may meter at secondary or primary voltage as circumstances warrant. In the case of Primary and Secondary Customers, if the Company elects to meter at primary voltage, the kilowatt-hours registered on the Company's meter will be reduced by one and one-half percent (1.5%). In the case of Transmission Customers, if the Company elects to meter at secondary voltage, the kilowatt-hours registered on the Company's meter will be increased by one and one-half percent (1.5%).

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**APPLICABLE RIDERS**

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

- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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**PROGRAM CHARGE**

Company will provide Internet based communication software to be used to provide Customer with the Price Quotes. Customer will be responsible for providing its own Internet access. A charge of \$183.00 per billing period per site shall be added to Customer's bill to cover the additional billing, administrative, and cost of communicating the hourly Price Quotes associated with the RTP Program.

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Customer may purchase from either Company or any other third-party suppliers any other necessary equipment or software packages to facilitate participation in this program. While Customers are encouraged to use such equipment or software packages to maximize benefits under this Program, it is not a requirement for program participation. It is Customer's responsibility to ensure the compatibility of third-party equipment or software packages with any Company owned equipment or software packages.

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**TERM AND CONDITIONS**

The initial term of contract shall be for a minimum period of three (3) years terminable thereafter by either the Customer or the Company within thirty (30) days after receipt of written notice.

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

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

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

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Issued by authority of an Order of the Kentucky Public Service Commission dated June 1, 2012 in Case No. 2012-00276.

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(T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Seventh Revised Sheet No. 60 (T)  
Cancels and Supersedes  
Sixth Revised Sheet No. 60 (T)  
Page 1 of 6

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**RATE SL**

**STREET LIGHTING SERVICE**

**APPLICABILITY**

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

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities, or this rate schedule terminates, whichever occurs first.

**TYPE OF SERVICE**

All equipment owned by the Company will be installed and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

**NET MONTHLY BILL**

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

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Duke Energy Kentucky, Inc.  
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KY.P.S.C. Electric No. 2  
Seventh Revised Sheet No. 60 (T)  
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Sixth Revised Sheet No. 60 (T)  
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NET MONTHLY BILL (Contd.)

1. Base Rate

<u>OVERHEAD DISTRIBUTION AREA</u>	<u>Lamp</u>		<u>Annual</u>		
Fixture Description	<u>Watt</u>	<u>kW/Unit</u>	<u>kWh</u>	<u>Rate/Unit</u>	
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	<u>\$ 7.11</u>	(I)
7,000 lumen (Open Refractor)	175	0.205	853	<u>\$ 5.94</u>	(I)
10,000 lumen	250	0.275	1,144	<u>\$ 8.21</u>	(I)
21,000 lumen	400	0.430	1,789	<u>\$10.99</u>	(I)
Metal Halide					
14,000 lumen	175	0.193	803	<u>\$ 7.11</u>	(I)
20,500 lumen	250	0.275	1,144	<u>\$ 8.21</u>	(I)
36,000 lumen	400	0.430	1,789	<u>\$10.99</u>	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	<u>\$ 7.87</u>	(I)
9,500 lumen (Open Refractor)	100	0.117	487	<u>\$ 5.91</u>	(I)
16,000 lumen	150	0.171	711	<u>\$ 8.58</u>	(I)
22,000 lumen	200	0.228	948	<u>\$11.13</u>	(I)
27,500 lumen	250	0.275	948	<u>\$11.13</u>	(I)
50,000 lumen	400	0.471	1,959	<u>\$14.95</u>	(I)
Decorative Fixtures					
Sodium Vapor					
9,500 lumen (Rectilinear)	100	0.117	487	<u>\$ 9.78</u>	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	<u>\$12.09</u>	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	<u>\$16.00</u>	(I)
50,000 lumen (Setback)	400	0.471	1,959	<u>\$23.79</u>	(I)

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

Spans of Secondary Wiring:

For each increment of 50 feet of secondary wiring beyond the first 150 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.52. (I)

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Seventh Revised Sheet No. 60  
Cancels and Supersedes  
Sixth Revised Sheet No. 60  
Page 3 of 6

NET MONTHLY BILL (Contd.)

<u>UNDERGROUND DISTRIBUTION AREA</u>	<u>Lamp</u>		<u>Annual</u>		
<u>Fixture Description</u>	<u>Watt</u>	<u>kW/Unit</u>	<u>kWh</u>	<u>Rate/Unit</u>	
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.210	874	\$ 7.24	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 5.94	(I)
10,000 lumen	250	0.292	1,215	\$ 8.36	(I)
21,000 lumen	400	0.460	1,914	\$11.25	(I)
Metal Halide					
14,000 lumen	175	0.210	874	\$ 7.24	(I)
20,500 lumen	250	0.292	1,215	\$ 8.36	(I)
36,000 lumen	400	0.460	1,914	\$11.25	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 7.87	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 5.99	(I)
16,000 lumen	150	0.171	711	\$ 8.55	(I)
22,000 lumen	200	0.228	948	\$11.13	(I)
50,000 lumen	400	0.471	1,959	\$14.95	(I)
Decorative Fixtures					
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	\$ 7.48	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 9.40	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$21.48	(I)
7,000 lumen (Granville)	175	0.205	853	\$ 7.56	(I)
7,000 lumen (Aspen)	175	0.210	874	\$13.61	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 7.48	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$13.61	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$21.57	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$10.93	(I)
9,500 lumen (Holophane)	100	0.128	532	\$11.84	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 8.83	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$22.26	(I)
9,500 lumen (Aspen)	100	0.128	532	\$13.79	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$10.93	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$13.79	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$12.15	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$16.06	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$23.79	(I)

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Seventh Revised Sheet No. 60 (T)  
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**NET MONTHLY BILL (Contd.)**

<u>POLE CHARGES</u>	<u>Pole Type</u>	<u>Rate/Pole</u>	
Pole Description			
Wood			
17 foot (Wood Laminated) (a)	W17	<u>\$ 4.40</u>	(I)
30 foot	W30	<u>\$ 4.34</u>	(I)
35 foot	W35	<u>\$ 4.40</u>	(I)
40 foot	W40	<u>\$ 5.27</u>	(I)
Aluminum			
12 foot (decorative)	A12	<u>\$11.97</u>	(I)
28 foot	A28	<u>\$ 6.94</u>	(I)
28 foot (heavy duty)	A28H	<u>\$ 7.01</u>	(I)
30 foot (anchor base)	A30	<u>\$13.86</u>	(I)
Fiberglass			
17 foot	F17	<u>\$ 4.40</u>	(I)
12 foot (decorative)	F12	<u>\$12.87</u>	(I)
30 foot (bronze)	F30	<u>\$ 8.38</u>	(I)
35 foot (bronze)	F35	<u>\$ 8.60</u>	(I)
Steel			
27 foot (11 gauge)	S27	<u>\$11.31</u>	(I)
27 foot (3 gauge)	S27H	<u>\$17.05</u>	(I)

Spans of Secondary Wiring:

For each increment of 25 feet of secondary wiring beyond the first 25 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.75. (I)

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

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

2. Base Fuel Cost

The rates per unit shown above include a charge of \$0.023837 per kilowatt-hour reflecting the Base cost of fuel.

3. Applicable Riders

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric (D)

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

(N)

(N)

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005. (T)

Issued: August 18, 2017 (T)

Effective: August 30, 2017 (T)

Issued by James P. Henning, President



Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Seventh Revised Sheet No. 60  
Cancels and Supersedes  
Sixth Revised Sheet No. 60  
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#### LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

#### TERM OF SERVICE

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

#### GENERAL CONDITIONS

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

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

- (6) When a street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

Issued by authority of an Order of the Kentucky Public Service  
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**SERVICE REGULATIONS**

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

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

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**RATE TL**

**TRAFFIC LIGHTING SERVICE**

**APPLICABILITY**

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

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

Computed in accordance with the following charges:

1. Base Rate

(a) Where the Company supplies energy only, all kilowatt-hours shall be billed at \$0.038066 per kilowatt-hour; (I)

(b) Where the Company supplies energy from a separately metered source and the Company has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at \$0.021078 per kilowatt-hour. (I)

(c) Where the Company supplies energy and has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at \$0.059145 per kilowatt-hour. (I)

2. Applicable Riders

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric (D)

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

(N)

(N)

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERM OF SERVICE**

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

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
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**GENERAL CONDITIONS**

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

**LIMITED MAINTENANCE**

Limited maintenance for traffic signals is defined as cleaning and replacing lamps, and repairing connections in wiring which are of a minor nature. Limited maintenance for traffic controllers is defined as cleaning, oiling, adjusting and replacing contacts which are provided by customer, time-setting when requested, and minor repairs to defective wiring.

**SERVICE REGULATIONS**

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

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KY. P.S.C. Electric No. 2  
Seventh Revised Sheet No. 62 (T)  
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Sixth Revised Sheet No. 62 (T)  
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**RATE UOLS  
UNMETERED OUTDOOR LIGHTING ELECTRIC SERVICE**

**APPLICABILITY**

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

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

**CONTRACT FOR SERVICE**

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

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

**LIGHTING HOURS**

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

**NET MONTHLY BILL**

Computed in accordance with the following charge:

- 1. Base Rate (I)  
All kWh \$0.037481 per kWh
- 2. Applicable Riders (N)  
The following riders are applicable pursuant to the specific terms contained within each rider:  
Sheet No. 80, Rider FAC, Fuel Adjustment Clause (N)  
Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric (D)  
Sheet No. 82, Rider PSM, Profit Sharing Mechanism (N)

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Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

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(T)

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill which is the Net Monthly Bill plus 5%, is due and payable.

**OWNERSHIP OF SERVICE LINES**

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

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

The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with lighting output or with service lines or wires of the Company used for supplying electric energy to the System. The customer shall assist the Company, if necessary, in obtaining permission to trim trees where the Company is unable to obtain such permission through its own best efforts.

**SERVICE REGULATIONS**

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

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
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Ky.P.S.C. Electric No. 2  
First Revised Sheet no. 63 (T)  
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**RATE OL-E  
OUTDOOR LIGHTING EQUIPMENT INSTALLATION**

**APPLICABILITY**

Applicable for the installation of any street or outdoor area lighting system (System) on private or public property and owned by the Company. The customer must be adjacent to an electric power line of the Company that is adequate and suitable for supplying the necessary electric service.

Service for the System under this tariff shall require a written agreement between the Customer and the Company. The System shall comply with the connection requirements in the Company's Electric Service Regulations, Section III, Customer's Installations and Section IV, Company's Installations.

A separate written agreement is required for the electrical energy consumed by this lighting system.

**CONTRACT FOR SERVICE**

The Customer will enter into an Outdoor Lighting Equipment Agreement, herein 'Agreement', with the Company for an initial term not to exceed ten years and automatically renewable annually thereafter. Termination by either party shall require 120 days advance written notice. The Agreement shall specify the lighting equipment to be installed and owned by the Company, the term of the agreement, itemized monthly charges for the equipment, maintenance terms, and any other necessary information.

The initial Agreement will include two specific monthly charges: a monthly System Charge based on the Company's cost of purchasing and installing the System (Installed Cost), and a monthly Maintenance Charge. The monthly System Charge will end with the expiration of the initial Agreement term while the monthly Maintenance Charge will continue for the life of the System. When the Agreement is terminated by Customer request before initial term expiration, the Customer must reimburse the Company the sum of all remaining monthly System Charges for the initial term of the Agreement, minus salvage value as determined by the Company.

The System Charge is determined by applying the current Levelized Fixed Charge Rate (LFCR), to the Company's cost of purchasing and installing the System. The Customer agrees to the resulting monthly charge that is dependent on the initial term length of the Agreement. The initial term length is the Customer's choice up to and including ten years. The Customer may make an up-front payment that will be applied against the Installed Cost and will thereby reduce the monthly System Charge.

The monthly Maintenance Charge covers estimated equipment maintenance costs as specified in the Agreement, including the ongoing costs of ownership such as administration, taxes and insurance. The Agreement allows for re-evaluation and possible adjustment to the maintenance monthly charges every three years.

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Issued by Julie Janson, President (T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

Ky.P.S.C. Electric No. 2  
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#### LEVELIZED FIXED CHARGE CALCULATION

The annual Levelized Fixed Charge Rate percentage is calculated as follows:

$$\text{LFCR} = r + d + \left( \frac{T}{1-T} \right) \times (r + d - D) \times \left( \frac{r - i}{r} \right)$$

Where  $r$  = Rate of Return (Cost of Capital)  
 $D$  = Depreciation Rate (straight line)  
 $T$  = Federal and State Composite Income Tax Rate  
 $i$  = Synchronized Interest Deduction  
 $d$  = Sinking Fund Factor

#### LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

#### OWNERSHIP OF SERVICE LINES

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

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

The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with lighting output or with service lines or wires of the Company used for supplying electric energy to the System. The customer shall assist the Company, if necessary, in obtaining permission to trim trees where the Company is unable to obtain such permission through its own best efforts.

#### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the

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jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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**RATE OL**

**OUTDOOR LIGHTING SERVICE**

**APPLICABILITY**

Applicable for outdoor lighting services on private property with Company owned fixtures in the Company's entire service area where secondary distribution lines are adjacent to the premises to be served. Not applicable for lighting public roadways which are dedicated, or anticipated to be dedicated, except to meet the occasional singular need of a customer who has obtained written approval from the proper governmental authority.

(D)

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Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

(D)

(D)

(D)

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2016. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

(D)

(D)

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(D)

**TYPE OF SERVICE**

All equipment will be installed, owned and maintained by the Company on rights-of-ways provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for damage, loss or injury resulting from any interruption in such lighting due to any cause. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum.

(T)

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**NET MONTHLY BILL**

(D)

1. Base Rate

(D)

A. Private outdoor lighting units:

(D)

The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a maximum mast arm of 10 feet for overhead units will be assessed:

(D)

(D)

(D)

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**NET MONTHLY BILL (Contd.)**

B. Flood lighting units served in overhead distribution areas (FL):

The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, will be assessed:

	<u>Lamp Watts</u>	<u>kW/ Luminaire</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
<u>Mercury Vapor</u>					
<u>21,000 lumen</u>	<u>400</u>	<u>0.460</u>	<u>1,914</u>	<u>\$16.76</u>	(R) (D)
<u>Metal Halide</u>					
<u>20,500 lumen</u>	<u>250</u>	<u>0.307</u>	<u>1,215</u>	<u>\$13.04</u>	(R) (D)
<u>36,000 lumen</u>	<u>400</u>	<u>0.460</u>	<u>1,914</u>	<u>\$16.76</u>	(R) (D)
<u>Sodium Vapor</u>					
<u>22,000 lumen</u>	<u>200</u>	<u>0.246</u>	<u>1,023</u>	<u>\$12.38</u>	(R) (D)
<u>30,000 lumen</u>	<u>250</u>	<u>0.312</u>	<u>1,023</u>	<u>\$12.38</u>	(R) (D)
<u>50,000 lumen</u>	<u>400</u>	<u>0.480</u>	<u>1,997</u>	<u>\$15.35</u>	(R) (D)

Additional facilities, if needed will be billed at the time of installation.

2. Base Fuel Cost

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the Base cost of fuel.

3. Applicable Riders

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

- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**GENERAL CONDITIONS**

1. In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed the customer will be billed for the unexpired term of the contract.
2. If the customer requires the extension, relocation or rearrangement of the Company's system, the customer will pay, in addition to the monthly charge, the Company on a time and materials basis, plus overhead charges, for such extension, relocation or rearrangement unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for customer approval before work is carried out.

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**GENERAL CONDITIONS (Contd.)**

3. If any Company owned lighting unit is required to be relocated, removed or replaced with another unit of the same or lower lamp wattage, the customer ordering this shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charges should be made. An estimate of the cost will be submitted for customer approval before work is carried out.
4. Installation of lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
5. The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these light units for such reason.
6. When a lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

**TERM OF SERVICE**

Three (3) years for a new and/or succeeding customer until the initial period is fulfilled. The service is terminable thereafter on ten (10) days written notice by the customer or the Company.

At the Company's option, a longer contract may be required for large installations.

**SERVICE REGULATIONS**

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

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## RATE NSU

### STREET LIGHTING SERVICE NON-STANDARD UNITS

#### APPLICABILITY

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

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

#### TYPE OF SERVICE

All equipment owned by the Company will be maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps maintained by the Company within 48 hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

#### NET MONTHLY BILL

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

#### 1. Base Rate

##### A. Company owned

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
1. Boulevard units served underground					
a. 2,500 lumen Incandescent – Series	148	0.148	616	<u>\$ 9.22</u>	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	<u>\$ 7.16</u>	(I)
2. Holophane Decorative fixture on 17 foot fiberglass pole served underground with direct buried cable					
a. 10,000 lumen Mercury Vapor	250	0.292	1,215	<u>16.79</u>	(I)

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**NET MONTHLY BILL (Contd.)**

The cable span charge of \$0.75 per each increment of 25 feet of secondary wiring shall be added to the Rate/unit charge for each increment of secondary wiring beyond the first 25 feet from the pole base. (I)

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
3. Street light units served overhead distribution					
a. 2,500 lumen Incandescent	189	0.189	786	\$ 7.10	(I)
b. 2,500 lumen Mercury Vapor	100	0.109	453	\$ 6.72	(I)
c. 21,000 lumen Mercury Vapor	400	0.460	1,914	\$10.66	(I)

**B. Customer owned**

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
1. Steel boulevard units served underground with limited maintenance by Company					
a. 2,500 lumen Incandescent – Series	148	0.148	616	\$ 5.44	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$ 6.92	(I)

**2. Base Fuel Cost**

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

**3. Applicable Riders**

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause (N)

Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric (D)

Sheet No. 82, Rider PSM, Profit Sharing Mechanism (N)

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable. (N)

**TERM OF SERVICE**

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

**GENERAL CONDITIONS**

(1) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

(2) Lamps and refractors which are maintained by the Company shall be kept in good operating condition

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by, and at the expense of, the Company.

**GENERAL CONDITIONS (Contd.)**

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

- (3) When a Company owned street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (4) When a customer owned lighting unit becomes inoperative, the cost of repair or replacement of the unit will be at the customer's expense. The replacement unit shall be an approved Company fixture.
- (5) Limited maintenance by the Company includes only fixture cleaning, relamping, and glassware and photo cell replacement.

**SERVICE REGULATIONS**

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

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RATE NSP

PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS

APPLICABILITY

Applicable to service for outdoor lighting on private property with Company-owned lighting fixtures in the Company's entire territory where secondary distribution lines are adjacent to the premise to be served. Not applicable to service for lighting of dedicated or undedicated public thoroughfares.

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Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

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This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2016. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

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TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for damage, loss or injury resulting from any interruption in such lighting due to any cause. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum.

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NET MONTHLY BILL

1. Base Rate

A. Private outdoor lighting units:

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The following monthly charge will be assessed for existing facilities, but this unit will not be available to any new customers after May 15, 1973:

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	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>
<u>2,500 lumen Mercury, Open Refractor.....</u>	<u>100</u>	<u>0.115</u>	<u>478</u>	<u>\$ 7.79</u>
<u>2,500 lumen Mercury, Enclosed Refractor.....</u>	<u>100</u>	<u>0.115</u>	<u>478</u>	<u>\$10.66</u>

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**NET MONTHLY BILL (Contd.)**

**B. Outdoor lighting units served in underground residential distribution areas:**

The following monthly charge will be assessed for existing fixtures which include lamp and luminaire, controlled automatically, with an underground service wire not to exceed 35 feet from the service point, but these units will not be available to new customers after May 5, 1992:

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit
7,000 lumens Mercury, Mounted on a 17-foot Fiberglass Pole . . . . .	175	0.205	853	\$14.54
7,000 lumen Mercury, Mounted on a 17-foot Wood Laminated Pole (a) . . . . .	175	0.205	853	\$14.54
7,000 lumen Mercury, Mounted on a 30-foot Wood Pole . . . . .	175	0.205	853	\$13.44
9,500 lumen Sodium Vapor, TC 100 R. . . . .	100	0.117	487	\$11.22

(a) Note: New or replacement poles are not available.

**C. Flood lighting units served in overhead distribution areas:**

The following monthly charge will be assessed for each existing fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a span of wire not to exceed 120 feet, but these units will not be available after May 5, 1992:

	Lamp Watt	kW/Fixture	Annual kWh	Rate/Unit
52,000 lumen Mercury (35-foot Wood Pole) . .	1,000	1.102	4,584	\$28.55
52,000 lumen Mercury (50-foot Wood Pole) . .	1,000	1.102	4,584	\$32.16
50,000 lumen Sodium Vapor. . . . .	400	0.471	1,959	\$19.79

**2. Base Fuel Cost**

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

**3. Applicable Riders**

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERM OF SERVICE**

Three (3) years, terminable thereafter on ten (10) days written notice by either customer or Company.

**GENERAL CONDITIONS**

1. In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment

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and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed the customer will be billed for the unexpired term of the contract.

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2. If any Company owned lighting unit is required to be relocated, removed or replaced with another unit of the same or lower lamp wattage, the customer ordering this shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charges should be made. An estimate of the cost will be submitted for customer approval before work is carried out.

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3. When a lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

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**SERVICE REGULATIONS**

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

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018	KY.P.S.C. Electric No. 2 <del>Seventh</del> Revised Sheet No. 68 Cancels and Supersedes <del>Sixth</del> Revised Sheet No. 68 Page 1 of 4	(T) (T) (T)
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**RATE SC**

**STREET LIGHTING SERVICE - CUSTOMER OWNED**

**APPLICABILITY**

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

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

**TYPE OF SERVICE**

All equipment will be owned by the customer but may be installed by customer or Company with limited maintenance performed by the Company. Limited maintenance includes only fixture cleaning, relamping, and glassware and photo cell replacement. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

**NET MONTHLY BILL**

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

1. Base Rate	Lamp <u>Watts</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	<u>Rate/Unit</u>	
Fixture Description					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	<u>\$ 4.19</u>	(I)
10,000 lumen	250	0.275	1,144	<u>\$ 5.33</u>	(I)
21,000 lumen	400	0.430	1,789	<u>\$ 7.40</u>	(I)
Metal Halide					
14,000 lumen	175	0.193	803	<u>\$ 4.19</u>	(I)
20,500 lumen	250	0.275	1,144	<u>\$ 5.33</u>	(I)
36,000 lumen	400	0.430	1,789	<u>\$ 7.40</u>	(I)

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NET MONTHLY BILL (Contd.)

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 5.04	(I)
16,000 lumen	150	0.171	711	\$ 5.62	(I)
22,000 lumen	200	0.228	948	\$ 6.17	(I)
27,500 lumen	250	0.228	948	\$ 6.17	(I)
50,000 lumen	400	0.471	1,959	\$ 8.36	(I)
Decorative Fixture					
Mercury Vapor					
7,000 lumen (Holophane)	175	0.210	874	\$ 5.32	(I)
7,000 lumen (Town & Country)	175	0.205	853	\$ 5.27	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 5.32	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 5.32	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 5.27	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 5.32	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 5.32	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$ 4.96	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 4.96	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 5.18	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 4.96	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 5.18	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 5.18	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 5.18	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 6.54	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 8.65	(I)

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

Pole Description	Pole Type	Rate/Pole
Wood		
30 foot	W30	\$ 4.34
35 foot	W35	\$ 4.40
40 foot	W40	\$ 5.27

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**NET MONTHLY BILL (Contd.)**

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be \$0.037481 per kilowatt-hour which includes the base fuel cost rate stated below. The monthly kilowatt-hour usage will be mutually agreed upon between the Company and the customer. Where the average monthly usage is less than 150 kWh per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before work is carried out. (I)

2. Base Fuel Cost

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

3. Applicable Riders

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause (N)

Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric (D)

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable. (N)

**TERM OF SERVICE**

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

**GENERAL CONDITIONS**

(1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

(2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.

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**GENERAL CONDITIONS (Contd.)**

- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced by the Company, the ordering Authority shall pay the Company the cost agreed upon under a separate contract.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

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

- (6) When a customer owned lighting unit becomes inoperative the cost of repair, replacement or removal of the unit will be at the customer's expense.
- (7) All lights installed on an overhead distribution system will be installed by Company under a separate contract with customer.

**SERVICE REGULATIONS**

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

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**RATE SE**

**STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT**

**APPLICABILITY**

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

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

**TYPE OF SERVICE**

All equipment will be installed, owned and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

**NET MONTHLY BILL**

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

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**NET MONTHLY BILL (Contd.)**

## 1. Base Rate

Fixture Description	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
<b>Decorative Fixtures</b>					
<u>Mercury Vapor</u>					
7,000 lumen (Town & Country)	175	0.205	853	\$ 7.29	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 7.32	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 7.32	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 7.32	(I)
<u>Metal Halide</u>					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 7.29	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 7.32	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 7.32	(I)
<u>Sodium Vapor</u>					
9,500 lumen (Town & Country)	100	0.117	487	\$ 7.95	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 8.05	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 7.95	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 8.04	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 8.04	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 7.95	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 8.04	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$11.42	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$15.11	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$15.11	(I)

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

## 2. Base Fuel Cost

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

## 3. Applicable Riders

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause (N)

Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric (D)

Sheet No. 82, Rider PSM, Profit Sharing Mechanism (N)

**LATE PAYMENT CHARGE** (N)

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable. (N)

**TERM OF SERVICE**

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

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**GENERAL CONDITIONS**

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

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

- (6) When a street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (7) The contribution only provides for replacement of these facilities due to occasional damage or premature malfunction. It does not cover replacement at end of life.

**SERVICE REGULATIONS**

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

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.

(T)

Issued: August 18, 2017

(T)

Effective: August 30, 2017

(T)

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Original Sheet No. 70  
Page 1 of 2

(T)

**RIDER PPS  
PREMIER POWER SERVICE**

**AVAILABILITY**

Applicable to qualifying non-residential Customers, on a voluntary basis, served under Rates DS, DP, DT or Special Contracts. Customers must enter into a service agreement with Company under this rider.

**PROGRAM DESCRIPTION**

Under the terms of this program, the Company will own, install, operate and maintain on-site equipment such as on-site generators, fly-wheel, and Uninterruptible Power Supply (UPS) systems designed to provide a supply of electricity to the Customer's facility in the event that the primary supply of electricity is interrupted. The minimum size of on-site generators provided under this program will have a nameplate rating of 50 kW. The generator and associated business continuity support equipment will be located on the Customer's premises at a mutually agreed upon location. The generator and associated business continuity support equipment will be connected on the Company's (line) side of Company's billing meter. Customer will be billed for all usage registered on the Company's billing meter under the applicable rate schedule.

**RATE**

Each qualifying customer's individual monthly rate calculated for each customer for this service will be determined as follows:

Monthly Service Payment = Estimated Levelized Capital Cost + Estimated Expenses

Where:

Levelized Capital Cost is equal to the present value of all estimated capital related cash flows for a period corresponding to the time of engineering, design and installation of equipment through the term of the contract, adjusted to a pre-tax amount and converted to a uniform monthly payment for the term of the contract. The estimated capital cash flows shall include estimated installed cost of equipment, contingency allowances, salvage value, adjustment to reflect additional supporting investment of general plant nature, and income tax impacts.

Expenses shall equal the present value of estimated expenses associated with the support and maintenance of the generation and support equipment, adjusted to a pre-tax amount and converted to a uniform monthly payment for the term of the contract. The estimated expenses shall include administrative and general expenses, expenses for labor and materials related to operations and maintenance, third party expenses for operations and maintenance, warranties, insurance, annual costs associated with working capital, fuel inventory, depreciation, property tax, other costs related to the operation and support of the generator system installation, and income tax impacts..

The after tax cost of capital from the Company's most recent general rate case will be used to convert present values to uniform monthly payments.

Issued by authority of an Order by the Kentucky Public Service  
Commission dated March 7, 2016 in Case No. 2015-00347.

(T)

Issued: March 8, 2016

Effective: March 7, 2016

Issued by James P. Henning, President /s/ James P. Henning

(T)

(T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Original Sheet No. 70  
Page 2 of 2

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#### MONTHLY BILL

Customer's monthly bill for all services under this rider will appear on their regular monthly electric bill as a line item.

#### CONTRACT

As provided in the Premier Power Service Agreement (Agreement), customer shall enter into a contract for Premier Power Service from the Company for an initial term of ten (10) years, or other term at the Company's option, and thereafter from year to year upon the condition that either party may terminate the contract by giving a minimum of ninety (90) days notice of such termination in writing. In the event of early termination of the Agreement under this program, the Customer may be required to pay the Company a termination fee as set forth in the Agreement.

Issued by authority of an Order by the Kentucky Public Service  
Commission dated March 7, 2016 in Case No. 2015-00347.

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Issued: March 8, 2016

Effective: March 7, 2016

Issued by James P. Henning, President /s/ James P. Henning

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
First Revised Sheet No. 71 (T)  
KY. P.S.C. Electric No. 2  
Original Sheet No. 71 (T)  
Page 1 of 1

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## RIDER TS

### TEMPORARY SERVICE

#### APPLICABILITY

Applicable to electric service of a temporary nature, where the standard residential or general service rates are effective for the application of this rider, for a period of less than one year and non-recurring, supplied in accordance with provisions of the appropriate rate currently in effect.

#### TYPE OF SERVICE

Service will be in accordance with the specifications of the standard applicable rate.

#### CHARGES

In addition to charges for service furnished under the applicable standard rate the customer will pay in advance the following charge:

Estimated unit cost of each service with supporting data to be filed with the Commission and updated annually by the utility.

#### TERM OF SERVICE

Temporary service hereunder will be rendered for a period not longer than six calendar months from the date of installation, provided however, the Company may, at its option, renew said temporary connection for an additional period of three months if required by the temporary need. At the expiration of said initial period or any renewal thereof, the Company may discontinue the service from the premise.

#### SERVICE REGULATIONS

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

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Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No. 2006-00172. (T)  
(T)

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Issued: September 29, 2010 Effective: September 30, 2010 (T)

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Issued by Julie Janson, President (T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
First Revised Sheet No. 72 (T)  
Cancels and Supersedes  
Original Sheet No. 72 (T)  
Page 1 of 1

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## RIDER X

### LINE EXTENSION POLICY

#### APPLICABILITY

Applicable to electric service supplied in accordance with the provisions of the appropriate rate currently in effect, from the nearest available distribution lines of required type of service when it is necessary to extend such lines.

#### EXTENSION PLAN

##### Extensions

When the estimated cost of extending the distribution lines to reach the customer's premise equals or is less than three (3) times the estimated gross annual revenue the Company will make the extension without additional guarantee by the customer over that applicable in the rate, provided the customer establishes credit in a manner satisfactory to the Company.

When the estimated cost of extending the distribution lines to reach the customer's premise exceeds three (3) times the estimated gross annual revenue, the customer may be required to guarantee, for a period of five (5) years, a monthly bill of one (1) percent of the line extension cost for residential service and two (2) percent for non-residential service.

When the term of service or credit have not been established in a manner satisfactory to the Company, the customer may be required to advance the estimated cost of the line extension in either of the above situations. When such advance is made the Company will refund, at the end of each year, for four (4) years, twenty-five (25) percent of the revenues received in any one year up to twenty-five (25) percent of the advance.

#### SERVICE REGULATIONS

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

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Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No. 2006-00172. (T)  
(T)

Issued: September 29, 2010

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Effective: September 30, 2010 (T)

(T)

(T)

(T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

RIDER LM

LOAD MANAGEMENT RIDER

APPLICABILITY

The Off Peak Provision is applicable to customers with an average monthly demand in excess of fifteen (15) kilowatts established over the most recent twelve month period receiving service under the provisions of either Rate DS, Service at Secondary Distribution Voltage, or Rate DP, Service at Primary Distribution Voltage.

OFF PEAK PROVISION

The "off peak period" for the summer season is defined as the period from 8:00 p.m. of one day to 11:00 a.m. of the following day; Friday from 8:00 p.m. to 11:00 a.m. of the following Monday; and from 8:00 p.m. of the day preceding a legal holiday to 11:00 a.m. of the day following that holiday. The "off peak period" for the winter season is defined as the period 2:00 p.m. to 5:00 p.m. and from 9:00 p.m. of one day to 9:00 a.m. of the following day; Friday from 9:00 p.m. to 9:00 a.m. of the following Monday; and from 9:00 p.m. of the day preceding a legal holiday to 9:00 a.m. of the day following that holiday. The following are recognized legal holidays as far as load conditions of the Company's system are concerned: New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, Christmas Day. If the foregoing holidays occur on a Sunday, the following Monday is considered a holiday.

The "on peak period" is defined as all hours exclusive of the "off peak period" hours set forth in the preceding paragraph.

I. For customers with an average monthly demand in excess of fifteen (15) kilowatts and not to exceed five hundred (500) kilowatts where electric service is furnished under the provisions of the Company's existing Rate DS, Service at Secondary Distribution Voltage or Rate DP, Service at Primary Distribution Voltage.

(T)

A. For purposes of administration of this rider, the summer season, as stated above, is the period beginning June 1 and ending September 30. The winter season consists of all other days which have not been recognized in the summer season.

(T)

(T)

(T)

B. This provision is only available as Company demand meters with a programmable time-of-use register are installed on the customer's premise. Due to the limited availability of such metering equipment and Company personnel, a demand meter will be installed as metering equipment and Company personnel are available.

(D)

(D)

(D)

(D)

C. The customer will be required to pay the current installed cost of the time-of-use metering equipment in excess of the current installed cost of the standard demand register equipment, normally installed by the Company, which is required under the provision of Rate DS. All metering equipment shall remain the property of the Company which shall be responsible for its installation, operation, maintenance, testing, replacement or removal.

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No. 2006-00172.

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(T)

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Effective: September 30, 2010

(T)

Issued by Julie Janson, President

(T)

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(T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

**OFF PEAK PROVISION (Contd.)**

D. When a customer elects the OFF PEAK PROVISION, the monthly customer charge of the applicable Rate DS will be increased by an additional monthly charge of five dollars (\$5.00) for each installed time-of-use meter. In addition, the DEMAND provision of Rate DS shall be modified to the extent that the billing demand shall be based upon the "on peak period," as defined above.

(T)

(T)

II. For customers who meet the Company's criteria for the installation of a magnetic tape recording device for billing, and where electric service is furnished under the provisions of either Rate DS, Service at Secondary Distribution Voltage, or Rate DP, Service at Primary Distribution Voltage.

(D)

(D)

(D)

(D)

A. For purposes of administration of this rider, the summer season, as stated above, is the period beginning with the meter reading date in the month of May and ending with the meter reading date in the month of September or the period beginning June 1 and ending September 30, at the Company's option. The winter season consists of all other days which have not been recognized in the summer season.

(D)

(D)

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(D)

B. The "off peak period" billing demand will be taken at fifty (50) percent of the highest fifteen minute demand established during the "off peak period," as defined above.

(D)

(D)

(D)

C. When a customer elects this OFF PEAK PROVISION, the applicable monthly customer charge of Rate DS or Rate DP will be increased by an additional monthly charge of one hundred dollars (\$100.00).

(D)

(D)

(D)

(D)

The DEMAND provision of the applicable Rate DS or Rate DP shall be modified to the extent that the billing demand shall be based upon the "on peak period," as defined above. However, in no case shall the billing demand be less than the "off peak period" billing demand or the billing demand as determined in accordance with the DEMAND provision of the applicable Rate DS or Rate DP, as modified.

(D)

(D)

(D)

(D)

(D)

**TERMS AND CONDITIONS**

The term of contract for the Off Peak Provision shall be a minimum period of one (1) year.

The Company shall not be required to increase the capacity of any service facilities in order to furnish off peak demands. The Company reserves the right, upon 30 days notice to customers affected, to change the time or times during which on peak demands may be established.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No. 2006-00172.

(T)

(T)

Issued: September 29, 2010

Effective: September 30, 2010

(T)

Issued by Julie Janson, President

(T)



Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Original Sheet No. 74  
Page 1 of 1

(T)

## RIDER AMO

### ADVANCED METER OPT-OUT (AMO) – RESIDENTIAL

#### APPLICABILITY

Applicable to residential customers served under Rate RS who request an electric meter that does not utilize radio frequency communications to transmit data provided that such a meter is available for use by the Company. At the Company's option, meters to be read manually may be either an advanced meter with the radio frequency communication capability disabled or other non-communicating meter. The meter manufacturer and model chosen to service the customer's premise are at the discretion of the Company and are subject to change at the Company's option, at any time. Rider AMO is optional and is available subject to the Terms and Conditions below.

#### DEFINITION

"Advanced meter" means any electric meter that meets the pertinent engineering standards using digital technology and is capable of providing two-way communications with the electric utility to provide usage and/or other technical data.

#### CHARGES

Residential customers who elect, at any time, to opt-out of the Company's advanced metering infrastructure (AMI) system shall pay a one-time fee of \$100.00 and a recurring monthly fee of \$25.00. During the Metering Upgrade project deployment phase, if prior to an advanced meter being installed at a customer premise, any existing residential electric customer that elects to participate in this opt-out program, Duke Energy Kentucky will not charge the one-time set-up fee, providing the residential electric customer notifies the Company of such election in advance of the advanced meter being installed. Those residential customers electing to participate in this residential opt-out program will be subject to the ongoing \$25.00 per month ongoing charge. Following deployment completion, any residential customer who later elects to participate in the Opt-Out Program will be assessed the \$100 set-up fee in addition to the ongoing monthly charge.

#### TERMS AND CONDITIONS

The Company shall have the right to refuse to provide advanced meter opt-out service in either of the following circumstances:

- (a) If the customer has a history of meter tampering or unauthorized use of electricity at the current or any prior location.
- (b) If such a service creates a safety hazard to consumers or their premises, the public, or the electric utility's personnel or facilities.
- (c) If a customer does not allow the electric utility's employees or agents access to the meter at the customer's premises for either maintenance, connection/disconnection, or meter-reading.

#### SERVICE REGULATIONS

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

Issued by authority of an Order by the Kentucky Public Service Commission dated May 25, 2017 in Case No. 2016-00152.

(T)

Issued: June 5, 2017

(T)

Effective: August 1, 2017

(T)

Issued by James P. Henning, President /s/ James P. Henning

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

(T)

(T)

**RIDER BDP**

**BACKUP DELIVERY POINT CAPACITY RIDER**

**BACKUP DELIVERY POINT (TRANSMISSION/DISTRIBUTION) CAPACITY**

The Company will normally supply service to one premise at one standard voltage at one delivery point and through one meter to a Non-Residential Customer in accordance with the provisions of the applicable rate schedule and the Electric Service Regulations. Upon customer request, Company will make available to a Non-Residential Customer additional delivery points in accordance with the rates, terms and conditions of this Rider BDP.

**NET MONTHLY BILL**

1. Connection Fee  
The Connection Fee applies only if an additional metering point is required and will be based on customer's most applicable rate schedule.
2. Monthly charges will be based on the unbundled distribution and/or transmission rates of the customer's most applicable rate schedule and the contracted amount of backup delivery point capacity.
3. The Customer shall also be responsible for the acceleration of costs, if any, that would not have otherwise been incurred by Company absent such request for additional delivery points. The terms of payment may be made initially or over a pre-determined term mutually agreeable to Company and Customers that shall not exceed the minimum term. In each request for service under this Rider, Company engineers will conduct a thorough review of the customer's request and the circuits affected by the request. The customer's capacity needs will be weighed against the capacity available on the circuit, anticipated load growth on the circuit, and any future construction plans that may be advanced by the request.

**SPECIAL TERMS AND CONDITIONS**

The Company will provide such backup delivery point capacity under the following conditions:

1. Company reserves the right to refuse backup delivery capacity to any Customer where such backup delivery service is reasonably estimated by Company to impede or impair current or future electric transmission or distribution service.
2. The amount of backup delivery point capacity shall be mutually agreed to by the Company and the Customer because the availability of specific electric system facilities to meet a Customer's request is unique to each service location.
3. System electrical configurations based on Customer's initial delivery point will determine whether distribution and/or transmission charges apply to Customer's backup delivery point.
4. In the event that directly assigned facilities are necessary to attach Customer's backup delivery point to the joint transmission or distribution systems, Company shall install such facilities and bill Customer the Company's full costs for such facilities and installations.

Issued pursuant to an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No. 2006-00172.

(T)

(T)

Issued: September 29, 2010

Effective: September 30, 2010

(T)

Issued by Julie Janson, President

(T)

Duke Energy Kentucky, Inc.  
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Erlanger, KY 41018

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**SPECIAL TERMS AND CONDITIONS (Contd.)**

5. Energy supplies via any backup delivery point established under this Rider BDP will be supplied under the applicable rate tariff and/or special contract.
6. Company and the Customer shall enter into a service agreement with a minimum term of five years. This service agreement shall contain the specific terms and conditions under which Customer shall take service under this Rider BDP.
7. Company does not guarantee uninterrupted service under this rider.

**SERVICE REGULATIONS**

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

Issued pursuant to an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No. 2006-00172.

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Duke Energy Kentucky  
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Erlanger, Kentucky 41018

**RIDER FAC  
FUEL ADJUSTMENT CLAUSE**

**APPLICABLE**

In all territory service.

**AVAILABILITY OF SERVICE**

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

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

$$\text{Fuel Cost Adjustment} = \frac{F(m)}{S(m)} - \$0.023837 \text{ per kWh} \quad (R)$$

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

- (2) Fuel costs (F) shall be the cost of:
  - (a) Fossil fuel consumed in the Company's plants plus the cost of fuel which would have been used in plants suffering forced generation or transmission outages, but less the cost of fuel related to substitute generation, plus
  - (b) The actual identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in paragraph (c) of this subsection, but excluding the cost of fuel related to purchases to substitute for the forced outages; plus
  - (c) The net energy cost of energy purchases, exclusive of capacity or demand charges (irrespective of the designation assigned to such transaction) when such energy is purchased on an economic dispatch basis. Included therein are such costs as the charges for economy energy purchases and the charges as a result of scheduled outage, all such kinds of energy being purchased by the Company to substitute for its own higher cost energy, and less
  - (d) The cost of fossil fuel recovered through inter-system sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.
  - (e) All fuel costs shall be based on a weighted-average inventory costing. The cost of fossil fuel shall include no items other than the invoice price of fuel less any cash or other discounts. The invoice price of fuel includes the cost of fuel itself and necessary charges for transportation of fuel from the point of acquisition to the unloading point, as listed in Account 151 of the FERC Uniform System of Accounts for Public Utilities and Licensees.

(T)

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Commission dated July 31, 2017 in Case No. 2017-00005.

(T)

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(T)

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(T)

Issued by James P. Henning, President

(T)

Duke Energy Kentucky  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

**AVAILABILITY OF SERVICE (Contd.)**

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

(3) Sales (S) shall be determined in kilowatt-hours as follows:

Add:

- (a) net generation
- (b) purchases
- (c) interchange in

Subtract:

- (d) inter-system sales including economy energy and other energy sold on an economic dispatch basis.
- (e) total system losses

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(T)

Duke Energy Kentucky, Inc. KY.P.S.C. Electric No. 2 (T)  
4580 Olympic Blvd Forty-Sixth Revised Sheet No 82 (T)  
Erlanger, KY 41018 Cancels and Supersedes  
Forty-Fifth Revised Sheet No 82 (T)  
Page 1 of 3

**RIDER PSM  
OFF-SYSTEM POWER SALES AND EMISSION ALLOWANCE SALES  
PROFIT SHARING MECHANISM**

**APPLICABILITY**

Applicable to all retail sales in the Company's electric service area, excluding interdepartmental sales, beginning with the billing month September 2017. (T)

**PROFIT SHARING RIDER FACTORS**

The Applicable energy charges for electric service shall be increased or decreased to the nearest \$0.000001 per kWh to reflect the sharing of profits on off-system power sales and ancillary services, the net profits on sales of emission allowances and net margins on capacity transactions related to the acquisition of 100% of East Bend Unit 2. (T)  
(T)  
(T)  
(D)

The Company will compute its profits on off-system power sales and ancillary services, profits on emission allowance sales, and net margins on capacity transactions related to the acquisition of 100% of East Bend Unit 2 in the following manner: (D)  
(D)  
(D)

Rider PSM Factor = ((P + A) + E + C + R)/S (T)

where:

P = Eligible profits from off-system power sales for applicable month subject to sharing provisions established by the Commission in its Order in Case No. 2003-00252, dated December 5, 2003. (D)  
(D)  
(D)

A = All net profits related to its provision of ancillary services in markets administered by PJM per the Commission's Order in Case No. 2008-00489, dated January 30, 2009. (T)  
(D)  
(D)

The first \$1 million in annual profits from off-system sales and ancillary services will be allocated to ratepayers, with any profits in excess of \$1 million split 75:25, with ratepayers receiving 75 percent and shareholders receiving 25 percent per the Commission Order in Case No. 2010-00203, dated December 22, 2010. After December 31<sup>st</sup> of each year, the sharing mechanism will be reset for off-system power sales. Each month the sharing mechanism will be reset for the ancillary service profits. (D)  
(D)  
(D)  
(D)  
(D)  
(D)

E = All net profits on sales of emission allowances are credited to customers per the Commission's Order in Case No. 2006-00172, dated December 21, 2006. (T)  
(D)  
(D)

C = Capacity revenue received from PJM associated with DP&L's share of East Bend capacity that DP&L has committed in PJM's base residual auction ("BRA") through May 31, 2018, less the cost incurred by Duke Energy Kentucky to procure sufficient capacity to meet its obligations as a Fixed Resource Requirement entity under the Reliability Assurance Agreement (T)  
(T)  
(D)  
(D)  
(D)

Issued by authority of an Order of the Kentucky Public Service Commission dated December 4, 2014 in Case No. 2014-00201 (T)

Issued: July 31, 2017 (T)

Effective: August 30, 2017 (T)

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| Duke Energy Kentucky, Inc. KY.P.S.C. Electric No. 2  
| 4580 Olympic Blvd Forty-Sixth Revised Sheet No 82 (T)  
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Forty-Fifth Revised Sheet No 82 (T)  
Page 2 of 3

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with PJM per the Commission's Order in Case No. 2014-00201, dated (D)  
December 4, 2014. (D)

The net of capacity revenue received from PJM and the capacity cost (T)  
incurred by Duke Energy Kentucky will be allocated to ratepayers, with (D)  
ratepayers receiving 75 percent and shareholders receiving 25 percent. (D)

R = Reconciliation of prior period Rider PSM actual revenue to amount  
calculated for the period.

S = Current month sales in kWh used in the current month Rider FAC (T)  
calculation.

| Issued by authority of an Order of the Kentucky Public Service  
| Commission dated December 4, 2014 in Case No. 2014-00201 (T)

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| Issued by: James P. Henning, President /s/ James P. Henning (T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Forty-Sixth Revised Sheet No 82 (T)  
Cancels and Supersedes  
Forty-Fifth Revised Sheet No 82 (T)  
Page 3 of 3

<u>Rate Group</u>	<u>Rate</u> (\$/ kWh)	
Rate RS, Residential Service	0.000456	
Rate DS, Service at Secondary Distribution Voltage	0.000456	
Rate DP, Service at Primary Distribution Voltage	0.000456	
Rate DT, Time-of-Day Rate for Service at Distribution Voltage	0.000456	
Rate EH, Optional Rate for Electric Space Heating	0.000456	
Rate GS-FL, General Service Rate for Small Fixed Loads	0.000456	
Rate SP, Seasonal Sports Service	0.000456	
Rate SL, Street Lighting Service	0.000456	
Rate TL, Traffic Lighting Service	0.000456	
Rate UOLS, Unmetered Outdoor Lighting	0.000456	
<u>Rate OL, Outdoor Lighting Service</u>	<u>0.000456</u>	(D)
Rate NSU, Street Lighting Service for Non-Standard Units	0.000456	(D)
<u>Rate NSP, Private Outdoor Lighting Service for Non-Standard Units</u>	<u>0.000456</u>	(D)
Rate SC, Street Lighting Service – Customer Owned	0.000456	
Rate SE, Street Lighting Service – Overhead Equivalent	0.000456	
Rate TT, Time-of-Day Rate for Service at Transmission Voltage	0.000456	(N)
Other	0.000456	

Rider PSM credits, reductions to bills, are shown as positive numbers without parentheses. Rider PSM charges, increases to bills, are shown in parentheses.

**SERVICE REGULATIONS**

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

Issued by authority of an Order of the Kentucky Public Service Commission dated December 4, 2014 in Case No. 2014-00201 (T)

Issued: July 31, 2017 (T)  
Effective: August 30, 2017 (T)  
Issued by: James P. Henning, President /s/ James P. Henning (T)



Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
First Revised Sheet No. 85 (T)  
Cancels and Supersedes  
Original Sheet No. 85 (T)  
Page 1 of 1

**RIDER BR**

**BROWNFIELD REDEVELOPMENT RIDER**

**AVAILABILITY**

Available to customers locating in a qualified "brownfield" redevelopment area as defined by Kentucky or federal law and served by existing primary service lines. Customers qualifying for service under this rider must enter into a Service Agreement and special contract with the Company. In order to receive service under this rider the special contract must be approved by the Kentucky Public Service Commission.

**NET MONTHLY BILLING**

The customer shall comply with all terms of the standard tariff rate under which the customer takes service except as contravened by the following.

- For the first 12 month period, the demand charge shall be reduced by 50 percent;
- For the second 12 month period, the demand charge shall be reduced by 40 percent;
- For the third 12 month period, the demand charge shall be reduced by 30 percent;
- For the fourth 12 month period, the demand charge shall be reduced by 20 percent;
- For the fifth 12 month period, the demand charge shall be reduced by 10 percent.

All subsequent billings shall be at the appropriate full standard service tariff rate.

**TERMS AND CONDITIONS**

The customer shall enter into a Service Agreement with the Company which shall specify, among other things, the voltage at which the customer will be served and monthly minimum levels of demand and usage.

The Special Contract shall be in effect for a minimum term of eight (8) years and the customer shall be billed monthly based on the greater of: (a) its actual monthly demand and usage levels; or (b) the minimum monthly demand and usage levels specified in its Service Agreement and Special Contract.

The terms of this rider do not preclude the Company from offering different terms under a special contract if the Company deems it appropriate. The Company is not obligated to extend, expand or rearrange its facilities if it determines that existing distribution/transmission facilities are of adequate capacity to serve the customer's load.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No. 2006-00172.

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

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Duke Energy Kentucky, Inc.  
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**RIDER DIR**

**DEVELOPMENT INCENTIVE RIDER**

**GENERAL**

Under the terms of this Rider, qualifying customers are required to enter into a Special Contract with the Company which Special Contract shall be subject to approval by the Kentucky Public Service Commission. The Development Incentive Rider consists of two separate programs designed to encourage development and/or redevelopment within the Company's service territory. These two programs are the Economic Development Program and the Urban Redevelopment Program. Each of these programs is described below.

**PROGRAM DESCRIPTIONS**

**Economic Development (ED) Program**

Available, at the Company's option, to non-residential customers receiving service under the provisions of one of the Company's non-residential tariff schedules. The ED Program is available for load associated with initial permanent service to new establishments, expansion of existing establishments, or new customers in existing establishments who make application to the Company for service under the ED Program of this Rider and the Company approves such application. The new load applicable under the ED Program must be a minimum of 1,000 kW at one delivery point. To qualify for service under the ED Program, the customer must meet the qualifications as set forth below. Further, the customer must have applied for and received economic assistance from the State or local government or other public agency before the Company will approve a Service Agreement under the ED Program. Where the customer is new to the Company's service area or is an existing customer expanding:

- 1) the Company would expect the customer employ an additional workforce in the Company's service area of a minimum of twenty-five (25) full-time equivalent (FTE) employees per 1,000 kW of new load. Employment additions must occur following the Company's approval for service under this Rider, and;
- 2) the Company would expect that the customer's new load would result in capital investment of one million dollars (\$1,000,000) per 1,000 kW of new load, provided that such investment is accompanied by a net increase in FTE employees employed by the customer in the Company's service area. This capital investment must occur following the Company's approval for service under this Rider.

The Company may also consider applying the ED Program to an existing customer who, but for economic incentives being provided by the State and/or local government or public agency, would leave the Company's service area. In this event, the customer must agree, at a minimum, to retain the current number of FTE employees.

The ED Program is not available to a new customer which results from a change in ownership of an existing establishment. However, if a change in ownership occurs after the customer enters into a Special Contract for service under the ED Program, the successor customer may be allowed to fulfill the balance of the Special Contract under the ED Program. The ED Program is also not available for renewal of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. The ED Program is not available for load shifted from one customer to another within the Company's service area.

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**PROGRAM DESCRIPTIONS (Contd.)****Urban Redevelopment (UR) Program**

Applicable to new customers locating in an existing building of 25,000 square feet or more, which has been unoccupied and/or remained dormant for a period of two years or more, as determined by the Company. The new customer load must be a minimum of 500 kW at one delivery point. In addition, the requested service necessary to serve the new load must not result in additional investment in distribution or transmission facilities by the Company, excepting that minor alterations in the service supplied which can be accomplished feasibly and economically may be allowed.

The UR Program is not available for renewal of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. The UR Program is also not available for load shifted from one establishment to another in the Company's service area. However, if a change of ownership occurs after the customer enters into a Special Contract under the UR Program, the successor customer may be allowed to fulfill the balance of the Special Contract under the UR Program.

**NET MONTHLY BILLING**

The customer shall comply with all terms of the standard tariff rate under which the customer takes service except that the customer's total bill for electric service, less any rate adjustment rider amounts as shown on the standard service tariff, shall be reduced by up to fifty (50) percent for a period of twelve (12) months. The customer will pay the full amount of the riders so indicated. The customer may request an effective date of the Rider which is no later than twelve (12) months after the Special Contract is approved and signed by the Company. All subsequent billings shall be at the appropriate full standard service tariff rate.

**TERMS AND CONDITIONS**

The Service Agreement shall specify, among other things, the voltage at which the customer will be served, a description of the amount and nature of the new load and the basis on which the customer requests qualification under this Rider. The customer must affirm that the availability of this Rider was a factor in the customer's decision to locate the new load or retain current load in the Company's service area.

For customers entering into a Service Agreement under this Rider due to expansion, the Company may install, at customer's expense, metering equipment necessary to measure the new load to be billed under the provisions of this Rider separate from the customer's existing load which shall be billed under the applicable standard tariff schedule.

Following the effective date of the Special Contract, the customer must maintain a minimum demand in accordance with the Service Agreement and maintain a monthly average load factor of 40 percent. Failure to do so will result in the customer being billed a minimum bill based on the minimum demand specified in the Service Agreement and a monthly average load factor of 40 percent.

The customer shall continue to take service from the Company at the same or greater demand and usage levels for a period of at least two (2) years following the twelve (12) month incentive period. The customer shall be billed monthly for two (2) years following the twelve (12) month incentive period based on the greater of: (a) its actual monthly demand and usage levels; or (b) its average demand and usage levels during the twelve (12) month incentive period.

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Duke Energy Kentucky, Inc.  
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Erlanger, Kentucky 41018

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**TERMS AND CONDITIONS (Contd.)**

The terms of this rider do not prevent the Company from offering different terms under a special contract if the Company deems it appropriate. The Company is not obligated to extend, expand or rearrange its facilities if it determines that existing distribution/transmission facilities are of adequate capacity to serve the customer's load.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No. 2006-00172.

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

**RIDER GP**

**DUKE ENERGY'S GoGREEN KENTUCKY  
GREEN POWER / CARBON OFFSET RIDER**

**APPLICABILITY**

Applicable to any residential customer (Rate RS) who wishes to purchase "Green Power" and/or "Carbon Offsets" from Duke Energy's GoGreen Kentucky program. The pilot program will end December 31, 2012.

**DEFINITION OF GREEN POWER AND CARBON OFFSETS**

Green Power includes energy generated from renewable and/or environmentally friendly sources, including:

Wind, Solar Photovoltaic, Biomass Co-firing of Agricultural Crops and All energy crops, Hydro – as certified by the Low Impact Hydro Institute, Incremental Improvements in Large Scale Hydro, Coal Mine Methane, Landfill Gas, Biogas Digesters, Biomass Co-firing of All Woody Waste including mill residue, but excluding painted or treated lumber. Green Power includes the purchase of Renewable Energy Certificates.

Carbon Offsets are financial instruments representing a reduction in greenhouse gas emissions. One Carbon Credit represents the reduction of one metric ton of carbon dioxide (CO<sub>2</sub>) or its equivalent in other greenhouse gases. Each Carbon Offset available under this tariff represents a 500 pound (lbs) block reduction of CO<sub>2</sub> (approximately ¼ of a Carbon Credit).

**NET MONTHLY BILL**

Customers who participate under this rider will be billed for electric service under all applicable tariffs including all applicable riders.

Green Power purchased under this rider, will be billed at the applicable Green Power rate times the number of 100 kWh blocks the customer has agreed to purchase per month.

The Green Power rate shall be \$2.00 per 100 kWh block with a minimum monthly purchase of two 100 kWh blocks.

Carbon Offsets purchased under this rider, will be billed at the applicable Carbon Offset rate times the number of Carbon Offsets the customer has agreed to purchase per month.

The Carbon Offset rate shall be \$4.00 per 500 lbs offset block.

Issued by authority of an Order of the Kentucky Public Service Commission dated February 5, 2010 in Case No. 2009-00408.

Issued: September 29, 2010

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Issued by Julie Janson, President

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Duke Energy Kentucky, Inc.  
525 5th Street, Suite 228  
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KY.P.S.C. Electric No. 2  
Second Revised Sheet No. 88  
Cancels and Supersedes  
First Revised Sheet No. 88  
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#### TERMS AND CONDITIONS

1. The customer shall enter into a service agreement with Company that shall specify the number of kWh blocks and/or Carbon Offsets to be purchased monthly and the corresponding rates(s) per unit. The Customer shall give Company thirty (30) days notice prior to cancellation of participation in this rider.
2. Funds collected from this tariff will be used to purchase Renewable Energy Certificates (RECs) and/or carbon credits from renewable and environmentally friendly sources as described in the DEFINITION OF GREEN POWER AND CARBON OFFSETS section and for customer education, marketing, and costs of the GoGreen Power Program.
3. Renewable Energy Certificate (REC) shall mean tradable units that represent the commodity formed by unbundling the environmental attributes of a unit of renewable or environmentally friendly energy from the underlying electricity. One REC would be equivalent to the environmental attributes of one MWH of electricity from a renewable or environmentally friendly generation source.
4. Carbon Credit shall mean tradable units that represent the reduction of the release of a greenhouse gas in the equivalent of one metric ton of CO<sub>2</sub>. A Carbon Offset represents approximately ¼ of a Carbon Credit.
5. Company reserves the right to terminate the Rider or revise the pricing or minimum purchase amount of the Rider after giving 60 days notice to the Kentucky Public Service Commission.
6. Company may obtain RECs from purchased power, company owned generation, or third party brokers purchased with funds collected from this rider.

Company may obtain Carbon Credits from third party brokers or company owned projects with funds collected from this rider.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated February 5, 2010 in Case No. 2009-00408.

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
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KY.P.S.C. Electric No. 2

Third Revised Sheet No. 89

Cancels and Supersedes

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**RIDER NM**

**NET METERING RIDER**

**AVAILABILITY**

Net Metering is available to eligible customer-generators in the Company's service territory, upon request, and on a first-come, first-served basis up to a cumulative capacity of 1% of the Company's single hour peak load in Kentucky during the previous year. If the cumulative generating capacity of net metering systems reaches one percent (1%) of the Company's single hour peak load during the previous year, upon Commission approval, the Company's obligation to offer net metering to a new customer-generator may be limited. An eligible customer-generator shall mean a retail electric customer of the Company with a generating facility that:

- (1) Generates electricity using solar energy, wind energy, biomass or biogas energy, or hydro energy;
- (2) Has a rated capacity of not greater than thirty (30) kilowatts;
- (3) Is located on the customer's premises;
- (4) Is owned and operated by the customer;
- (5) Is connected in parallel with the Company's electric distribution system; and
- (6) Has the primary purpose of supplying all or part of the customer's own electricity requirements.

At its sole discretion, the Company may provide Net Metering to other customer-generators not meeting all the conditions listed above on a case-by-case basis.

The term "Customer" hereinafter shall refer to any customer requesting or receiving Net Metering services under this tariff.

**METERING**

The Company shall provide net metering services, without any cost to the Customer for metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. This provision does not relieve Customer of his or her responsibility to pay metering costs embedded in the utility's Commission-approved base rates.

The standard kilo-watt-hour metering system shall use one of the following methods, as determined solely by the Company:

- (1) A single standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions and registering the net amount in one register.
- (2) A single standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions and registering the amount of flow in each direction in two separate registers, one measuring the flow of electricity from the Company to the Customer and the other measuring the flow of electricity from the Customer to the Company.

Issued by authority of an Order of the Kentucky Public Service Commission in accordance with Order dated April 24, 2009 in Case No. 2008-00169.

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Duke Energy Kentucky, Inc.  
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KY.P.S.C. Electric No. 2  
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#### **METERING (Cont'd.)**

- (3) If method (1) or (2) is not feasible, two standard kilowatt-hour meters may be used, one measuring the flow of electricity from the Company to the Customer and the other measuring the flow of electricity from the Customer to the Company.

In method (2) or (3), subtracting one register or meter reading from the other register or meter reading will yield the same result as if method (1) were used.

Any additional meter, meters, or distribution upgrades needed to monitor the flow in each direction shall be installed at the Customer's expense.

#### **BILLING**

The measurement of net electricity supplied by the Company and delivered to the Company shall be calculated in the following manner. The Company shall measure the difference between the amount of electricity delivered by the Company to the Customer and the amount of electricity generated by the Customer and delivered to the Company during the billing period, in accordance with one of the methods listed under "METERING". If the kWh delivered by the Company to the Customer exceeds the kWh delivered by the Customer to the Company during the billing period, the Customer shall be billed for the kWh difference. If the kWh generated by the Customer and delivered to the Company exceeds the kWh supplied by the Company to the Customer during the billing period, the Customer shall be credited in the next billing cycle for the kWh difference. Any unused credit when the Customer closes his account will be granted to the Company.

Bill charges and credits will be in accordance with the same standard tariff that would apply if the Customer were not a customer-generator. If time-of-use metering is used, the electricity fed back to the electric grid by the Customer shall be net-metered and accounted for at the specific time it is fed back to the electric grid in accordance with the time-of-use billing agreement currently in place.

Net metering credits are not transferable between customers or locations.

#### **APPLICATION AND APPROVAL PROCESS**

The Customer shall submit an Application for Interconnection and Net Metering ("Application") and receive approval from the Company prior to connecting the generator facility to the Company's system.

Applications will be submitted by the Customer and reviewed and processed by the Company according to either Level 1 or Level 2 processes defined below.

The Company may reject an Application for violations of any code, standard, or regulation related to reliability or safety; however, the Company will work with the Customer to resolve those issues to the extent practicable.

Customers may contact the Company to check on status of an Application or with questions prior to submitting an Application. Company contact information can be found on the Application form.

Application forms along with instructions on how to submit an application are available on the Company's website.

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Third Revised Sheet No. 89  
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## LEVEL 1

A Level 1 Application shall be used if the generating facility is inverter based and is certified by a nationally recognized testing laboratory to meet the requirements of Underwriters Laboratories Standard 1741 "Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources" (UL 1741).

The Company will approve the Level 1 Application if the generating facility also meets all of the following conditions:

- (1) For interconnection to a radial distribution circuit, the aggregated generation on the circuit, including the proposed generating facility, will not exceed 15% of the Line Section's most recent annual one hour peak load. A line section is the smallest part of the primary distribution system the generating facility could remain connected to after operation of any sectionalizing devices.
- (2) If the proposed generating facility is to be interconnected on a single-phase shared secondary, the aggregate generation capacity on the shared secondary, including the proposed generating facility, will not exceed the smaller of 20 kVA or the nameplate rating of the transformer.
- (3) If the proposed generating facility is single-phase and is to be interconnected on a center tap neutral of a 240 volt service, its addition shall not create an imbalance between the two sides of the 240 volt service of more than 20% of the nameplate rating of the service transformer.
- (4) If the generating facility is to be connected to three-phase, three wire primary utility distribution lines, the generator shall appear as a phase-to-phase connection at the primary utility distribution line.
- (5) If the generating facility is to be connected to three-phase, four wire primary utility distribution lines, the generator shall appear to the primary utility distribution line as an effectively grounded source.
- (6) The interconnection will not be on an area or spot network<sup>1</sup>.
- (7) The Company does not identify any violations of any applicable provisions of IEEE 1547, "Standard for Interconnecting Distributed Resources with Electric Power Systems".
- (8) No construction of facilities by the Company on its own system will be required to accommodate the generating facility

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<sup>1</sup>Area and spot networks are systems where multiple transformers are interconnected on the secondary side and multiple primary voltage circuits are used to feed the transformers. A spot network is typically used to serve a single building and the transformers are all in one location. An area network typically serves multiple customers with secondary conductors covering multiple city blocks and with transformers at various locations.

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Duke Energy Kentucky, Inc.  
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KY.P.S.C. Electric No. 2  
Third Revised Sheet No. 89  
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### LEVEL 1 (Cont'd)

If the generating facility does not meet all of the above listed criteria, the Company, in its sole discretion, may either: 1.) approve the generating facility under the Level 1 Application if the Company determines that the generating facility can be safely and reliably connected to the Company's system; or 2) deny the application as submitted under the Level 1 Application.

The Company shall notify the customer within 20 business days whether the application is approved or denied, based on the criteria provided in this section.

If the application lacks complete information, the Company shall notify the Customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the time to process the application.

The Customer shall be notified whether the application is approved in writing. The approval will be conditioned upon successful completion of an initial installation inspection and witness test if required by the Company. The Company's written approval will indicate if an inspection and witness test are required. If an inspection and witness test are required, the Customer shall notify the Company within 3 business days of completion of the generating facility installation and schedule an inspection and witness test with the Company to occur within 10 business days of completion of the generator facility installation or as otherwise agreed to by the Company and the Customer. If an inspection and witness test is required, the Customer may not operate the generating facility (except for operational testing not to exceed two hours) until successful completion of such inspection and witness test. If the installation fails the inspection or witness test due to non-compliance with any provision in the Application and Company approval, the Customer shall not operate the generating facility until any and all non-compliance is corrected and re-inspected by the Company.

If the Application is denied, the Company will supply the Customer with reasons for denial. The Customer may resubmit under Level 2 if appropriate.

### LEVEL 2

A Level 2 Application is required under any of the following:

- (1) The generating facility is not inverter based;
- (2) The generating facility uses equipment that is not certified by a nationally recognized testing laboratory to meet the requirements of UL 1741; or
- (3) The generating facility does not meet one or more of the additional conditions under Level 1.

The Company will approve the Level 2 application if the generating facility meets the Company's technical interconnection requirements, which are based on IEEE 1547. The Company's technical interconnection requirements are available on the Company's website or upon request.

Issued by authority of an Order of the Kentucky Public Service Commission in accordance with Order dated April 24, 2009 in Case No. 2008-00169.

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Third Revised Sheet No. 89  
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## LEVEL 2 (Cont'd.)

The Company will process the Level 2 Application within 30 business days of receipt of a complete application. Within that time the Company will respond in one of the following ways:

1. The application is approved and the Company will provide the Customer with an Interconnection Agreement to sign.
2. If construction or other changes to the Company's distribution system are required, the cost will be the responsibility of the Customer. The Company will give notice to the Customer and offer to meet to discuss estimated costs and construction timeframe. Should Customer agree to pay for costs and proceed, Company will provide the Customer with an Interconnection Agreement to sign within a reasonable time.
3. The application is denied. The Company will supply the Customer with reasons for denial and offer to meet to discuss possible changes that would result in Company approval. Customer may resubmit application with changes.

If application lacks complete information, Company shall notify Customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the 30 business day target to process the application.

The Interconnection Agreement will contain all the terms and conditions for interconnection consistent with those specified in this tariff, inspection and witness test requirements, description of and cost of construction or other changes to the Company's distribution system required to accommodate the generating facility, and detailed documentation of the generating facilities which may include single line diagrams, relay settings, and description of operation.

Customer may not operate the generating facility until an Interconnection Agreement is signed by the Customer and Company and all necessary conditions stipulated in the agreement are met.

## APPLICATION, INSPECTION AND PROCESSING FEES

No application fees or other review, study, or inspection fees are charged by the Company for Level 1 or Level 2 applications.

## TERMS AND CONDITIONS FOR INTERCONNECTION

To interconnect to the Company's distribution system, the Customer's generating facility shall comply with the following terms and conditions:

1. The Company shall provide Customer net metering services, without charge for standard metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. If the Customer requests any additional meter or meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the Customer's expense.

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**TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)**

2. Customer shall install, operate, and maintain, at Customer's sole cost and expense, any control, protective, or other equipment on the Customer's system required by the Company's technical interconnection requirements based on IEEE 1547, the NEC, accredited testing laboratories such as Underwriters Laboratories, and the manufacturer's suggested practices for safe, efficient and reliable operation of the generating facility in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance and safe operation of the generating facility. Upon reasonable request from the Company, Customer shall demonstrate generating facility compliance.
3. The generating facility shall comply with, and Customer shall represent and warrant its compliance with: (a) any applicable safety and power quality standards established by IEEE and accredited testing laboratories such as Underwriters Laboratories; (b) the NEC as may be revised from time to time; (c) Company's rules, regulations, and Company's Service Regulations as contained in Company's Retail Electric Tariff as may be revised from time to time with the approval of the Kentucky Public Service Commission (Commission); (d) the rules and regulations of the Commission, as such rules and regulations may be revised from time to time by the Commission; and (e) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time. Where required by law, Customer shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.
4. Any changes or additions to the Company's system required to accommodate the generating facility shall be considered excess facilities. Customer shall agree to pay Company for actual costs incurred for all such excess facilities prior to construction.
5. Customer shall operate the generating facility in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics or otherwise interfere with the operation of Company's electric system. At all times when the generating facility is being operated in parallel with Company's electric system, Customer shall so operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Company to any of its other customers or to any electric system interconnected with Company's electric system. Customer shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.
6. Customer shall be responsible for protecting, at Customer's sole cost and expense, the generating facility from any condition or disturbance on Company's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges, except that the Company shall be responsible for repair of damage caused to the generating facility resulting solely from the negligence or willful misconduct on the part of the Company.

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**TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)**

7. After initial installation, Company shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to Customer, Company shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance and operation of the generating facility comply with the requirements of this Tariff.
8. For inverter based systems that are certified by a nationally recognized testing laboratory to meet the requirements of UL 1741, the Company does not require a Customer owned external disconnect switch (EDS). For other generating facility types, an isolation device that satisfies the Company's technical interconnection requirements must be included. Where required by the Company, an eligible Customer shall furnish and install on Customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the Customer's energy generating equipment from Company's electric service under the full rated conditions of the Customer's generating facility. The EDS shall be located adjacent to Company's meters or the location of the EDS shall be noted by placing a sticker on the meter, and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the Customer shall be responsible for ensuring the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Company personnel at all times.
9. Company shall have the right and authority at Company's sole discretion to isolate the generating facility or require the Customer to discontinue operation of the generating facility if Company believes that: (a) continued interconnection and parallel operation of the generating facility with Company's electric system creates or contributes (or may create or contribute) to a system emergency on either Company's or Customer's electric system; (b) the generating facility is not in compliance with the requirements of this Tariff, and the non-compliance adversely affects the safety, reliability or power quality of Company's electric system; or (c) the generating facility interferes with the operation of Company's electric system. In non-emergency situations, Company shall give Customer notice of noncompliance including a description of the specific noncompliance condition and allow Customer a reasonable time to cure the noncompliance prior to isolating the Generating Facilities. In emergency situations, where the Company is unable to immediately isolate or cause the Customer to isolate only the generating facility, the Company may isolate the Customer's entire facility.
10. Customer shall agree that, without the prior written permission from Company, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components with like components that meet UL 1741 certification requirements for Level 1 facilities and not resulting in increases in generating facility capacity is allowed without approval.

Issued by authority of an Order of the Kentucky Public Service Commission in accordance with Order dated April 24, 2009 in Case No. 2008-00169.

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Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Third Revised Sheet No. 89  
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**TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)**

11. To the extent permitted by law, the Customer shall protect, indemnify and hold harmless the Company and its directors, officers, employees, agents, representatives and contractors against and from all loss, claims, actions or suits, including costs and attorneys fees, for or on account of any injury or death of persons or damage to property caused by the Customer or the Customer's employees, agents, representatives and contractors in tampering with, repairing, maintaining or operating the Customer's generating facility or any related equipment or any facilities owned by the Company except where such injury, death or damage was caused or contributed to by the fault or negligence of the Company or its employees, agents, representatives or contractors.

The liability of the Company to the Customer for injury to person and property shall be governed by the tariff(s) for the class of service under which the Customer is taking service.

12. The Customer shall maintain general liability insurance coverage (through a standard homeowner's, commercial or other policy) for both Level 1 and Level 2 generating facilities. Customer shall upon request provide Company with proof of such insurance at the time that application is made for net metering.
13. By entering into an Interconnection Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the generating facility equipment, controls, and protective relays and equipment.
14. A Customer's generating facility is transferable to other persons or service locations only after notification to the Company has been made and verification that the installation is in compliance with this tariff. Upon written notification that an approved generating facility is being transferred to another person, customer or location, the Company will verify that the installation is in compliance with this tariff and provide written notification to the customer(s) within 20 business days. If the installation is no longer in compliance with this tariff, the Company will notify the Customer in writing and list what must be done to place the facility in compliance.
15. The Customer shall retain any and all Renewable Energy Credits (RECs) that may be generated by their generating facility.

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Erlanger, Kentucky 41018

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First Revised Sheet No. 90 (T)  
Cancels and Supersedes  
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### BAD CHECK CHARGE

#### APPLICABILITY

Applicable to all customers in the Company's electric service area.

#### CHARGE

The Company may charge and collect a fee of \$11.00 to cover the cost of handling an unsecured check, where a customer tenders in payment of an account a check which upon deposit by the Company is returned as unpaid by the bank for any reason.

#### SERVICE REGULATIONS

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

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No. 2006-00172. (T)

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Erlanger, Kentucky 41018

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Second Revised Sheet No. 91  
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(T)  
(T)

**CHARGE FOR RECONNECTION OF SERVICE**

**APPLICABILITY**

Applicable to all customers in the Company's entire service area who are in violation of Section 1, Rule 3, Company's Right to Cancel Service Agreement or to Suspend Service, of the Company's Electric Service Regulations.

**CHARGE**

The Company may charge and collect in advance the following:

- A. The reconnection charge for service which has been disconnected due to enforcement of Rule 3 shall be twenty-five dollars (\$25.00). (T)  
(N)
- B. The reconnection charge for service which has been disconnected within the preceding twelve months at the request of the customer shall be twenty-five dollars (\$25.00). (T)  
(N)
- C. If service is discontinued because of fraudulent use thereof, the Company may charge and collect in addition to the reconnection charge of twenty-five dollars (\$25.00) the expense incurred by the Company by reason of such fraudulent use, plus an estimated bill for electricity used, prior to the reconnection of service. (T)  
(N)
- D. If both the gas and electric services are reconnected at one time, the total charge shall not exceed thirty-eight dollars (\$38.00). (I)
- E. Where electric service was disconnected at the pole because the Company was unable to gain access to the meter, the reconnection charge shall be sixty-five dollars (\$65.00). If the gas service is also reconnected the charge shall be ninety dollars (\$90.00). (I)  
(I)
- F. If the Company receives notice after 2:30 p.m. of a customer's desire for same day reinstatement of service and if the reconnection cannot be performed during normal business hours, the after hour reconnection charge for connection shall be an additional twenty-five dollars (\$25.00). Customers will be notified of the additional \$25.00 charge for reconnection at the meter or at the pole at the time they request same day service. (T)
- G. If a Company employee, whose original purpose was to disconnect the service, has provided the customer a means to avoid disconnection, service which otherwise would have been disconnected shall remain intact, and no reconnection charge shall be assessed. However, a collection charge of fifteen dollars (\$15.00) may be assessed, but only if a Company employee actually makes a field visit to the customer's premises. (I)

**SERVICE REGULATIONS**

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

Issued by authority of an Order of the Kentucky Public Service Commission, dated December 21, 2006 in Case No. 2006-00172. (T)  
(T)

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(T)  
(T)

Issued by Julie Janson, President



Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
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KY.P.S.C. Electric No. 2  
First Revised Sheet No. 92 (T)  
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RATE CATV (T)

RATE FOR POLE ATTACHMENTS OF CABLE TELEVISION SYSTEMS (T)

**APPLICABILITY**

Applicable to the attachment of cable television systems to any pole of the Company by a person (attachee) who makes application on an appropriate Company form with submission of information and documents specified herein and in the application. (T)

**ATTACHMENT CHARGES**

The following annual rental shall be charged for the use of each of the Company's poles: (T)

\$4.60 for a two-user pole. (I)

\$4.00 for a three-user pole. (I)

A two-user pole is a pole being used, either by actual occupation or by reservation, by the attachee and the Company. A three-user pole is a pole being used, either by actual occupation or by reservation, by the attachee, the Company and a third party.

**PAYMENT**

Attachee shall pay to the Company for all authorized attachments an annual rental, as set forth above, for the use of each of the Company's pole, any portion of which is occupied by, or reserved at attachee's request for the attachments of attachee, at any time during the initial rental year. The first annual payment of rental for the previous rental year shall be due and payable on the first anniversary date of attachee's application. Subsequent payments of annual rental shall be due and payable on each succeeding anniversary date thereof.

As newly authorized attachments are made after the initial rental year, rentals for such attachments shall be paid for the entire year if made within the six month period after any anniversary date, and for on-half year if made during the following six month period. For any attachments removed by attachee and for which the Company shall have received written notice from attachee, the yearly rental shall be prorated to the date of removal.

All fees, charges and rentals provided for herein not paid when due and payable shall bear interest at the maximum rate permitted by law from the date when due, until paid.

**TERMS AND CONDITIONS**

1. Prior to the signing of the application, attachee shall send the Company all manufacturers' technical manuals and information, and construction standards and manuals regarding the equipment attachee proposes to use pursuant to the provisions contained herein and such other information as requested by the Company.

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KY.P.S.C. Electric No. 2  
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**TERMS AND CONDITIONS (Contd.)**

2. After the Company has received a signed application from attachee and before any attachment is made by attachee, it shall make a written request for permission to install attachments on any pole of the Company, specifying the location of each pole in question, the character of its proposed attachments and the amount and location of space desired. Within 30 days after receipt of such application, the Company shall notify attachee in writing whether or not is is willing to permit the attachments and, if so, under what conditions. If such permission is granted, attachee shall have the right to occupy the space allotted by the Company under the conditions specified in such permit and in accordance with the terms contained herein but Company shall not be required to set a pole for the sole use by attachee. Company will not deny attachee the right to attach to a pole, if space is or can be made available. (T)
3. All attachments are to be placed on poles of the Company in a manner satisfactory to the Company and so as not to interfere with the present or any future use which the Company may desire to make of such poles, wires or other facilities. All attachments shall be installed and maintained by attachee so as to comply at least with the minimum requirements of the National Electrical Safety Code and any other applicable regulations or codes promulgated by federal, state, local or other governmental authority having jurisdiction. Attachee shall take any necessary precautions, by the installation of protective equipment or other means, to protect all persons and property of all kinds against injury or damage occurring by reason of attachee's attachments on the Company's poles. The Company shall be the sole judge as to the requirements for the present or future use of its poles and equipment and of any interference therewith.
4. In any case where it is necessary for the Company to replace a pole because of the necessity of providing adequate space or strength to accommodate the attachments of attachee thereon, either at the request of attachee or to comply with the above codes and regulations, the attachee shall pay the Company the total cost of this replacement. Such cost shall be the total estimated cost of the new pole including material, labor, and applicable overheads, plus the cost of transferring existing electric facilities to the new pole, plus the cost of removal of the existing pole and any other incremental cost required to provide for the attachments of the attachee, including any applicable taxes the Company may be required to pay because of this change in plant, minus salvage value of any poles removed.

Attachee shall also pay to the Company and other owners thereof the cost of removing all existing attachments from the existing pole and re-establishing the same or like attachments on the newly installed pole. The new pole shall be the property of the Company regardless of any payments by attachee towards its cost and attachee shall acquire no right, title or interest in such pole.

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**TERMS AND CONDITIONS (Contd.)**

5. If attachee's proposed attachments can be accommodated on existing poles of the Company by rearranging facilities of the company and of other attachees or permittees thereon, such rearrangement shall be made by the Company and such other attachees or permittees, and attachee shall on demand reimburse the Company and such other attachees or permittees for any expense incurred by them in transferring or rearranging such facilities. Any additional guying required by reason of the attachments of attachee shall be made by attachee at its expense, and to the satisfaction of the Company. (T)
6. Whenever the Company discovers any unauthorized attachments of attachee, attachee shall pay to the Company an amount equal to twice the rental that would have been due had the installation been made the day after the Company's last inspection. The payment of these charges shall not relieve attachee of any responsibility, obligation imposed by law or assumed herein.
7. Whenever the Company notifies attachee in writing that the attachments of attachee interfere with the operation of facilities of the Company or other attachees or permittees, or constitute a hazard to the service rendered by the Company or other attachees or permittees, or fail to comply with codes or regulations above-mentioned, or are substandard in any way, attachee shall within 10 days after the date of such notice, remove, rearrange, or change its attachments as directed by the Company. In case of emergency, the Company reserves the right to remove or relocate the attachments of attachee at attachee's expense and without notice.
8. Attachee agrees to indemnify and save harmless Company from and against any and all liability, loss, damage, costs, attorney fees, or expense, of whatsoever nature or character, arising out of or occasioned by any claims or any suit for damages, injunction or other relief, on account of injury to or death of any person, or damage to any property including the loss of use thereof, or on account of interruption of attachee's service to its subscribers or others, or for public charges and penalties for failure to comply with federal, state or local laws or regulations, growing out of or in connection with any actual or alleged negligent act or omission, whether said negligence is sole, joint or concurrent, of attachee or its servants, agents or subcontractors, whether or not due in part to any act, omission or negligence of Company or any of its representatives or employees. Company may require attachee to defend any suits concerning the foregoing, whether such suits are justified or not.

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**TERMS AND CONDITIONS (Contd.)**

9. Attachee agrees to obtain and maintain at all times during the period attachee has attachments on Company's poles, policies of insurance or bonds in lieu thereof providing an equivalent protection as follows:
  - (a) Public liability and automobile liability insurance for itself in an amount not less than \$500,000.00 for bodily injury to or death of any one person, and, subject to the same limit for any one person, in an aggregate amount not less than \$1,000,000.00 for any one occurrence.
  - (b) Property damage liability insurance for itself in an amount not less than \$500,000.00 for any one occurrence.
  - (c) Contractual liability insurance in the amounts set forth in (a) and (b) above, to cover the liability assumed by the attachee under the agreements of indemnity set forth herein.
10. Prior to making attachments to the Company's poles, attachee shall furnish to the Company two copies of a certificate or bond, from an insurance carrier or bond company acceptable to the Company, stating the policies of insurance or bond have been issued by it to attachee providing for the insurance or indemnity listed above and that such policies or bonds are in force. Such certificate shall state that the insurance carrier or bond company will give the Company 30 days prior written notice of any cancellation of or material change in such policies or bonds. The certificate or bond shall also quote in full the agreements of indemnity set forth herein as evidence of the type of contractual liability coverage furnished. If such certificate or bond recites that it is subject to any exceptions or exclusions, such exceptions or exclusions shall be stated in full in such certificate or bond, and the Company may, at its discretion, require attachee, before starting work, to obtain policies of insurance or bonds which are not subject to any exceptions or exclusions which the Company finds objectionable.
11. The Company reserves the right, without liability to attachee or its subscribers, to discontinue the use of, remove, replace or change the location of any or all of the Company's poles, attachments or facilities regardless of any occupancy of the Company's poles by attachee, and attachee shall at its sole cost after written notice by the Company, make such changes in, including removal or transfer of, its attachments as shall be required by such action of the Company. Attachee shall make such changes within 10 days after written notice when such movement is to the same or another pole of Company and within 30 days when Company plans to abandon a pole and no other pole is available or planned to be installed by Company. If attachee fails to make such changes within the required time period after written notice by the Company or in case of an emergency, the Company reserves the right to make such changes to the attachments of attachee at attachee's expense and without notice, and no liability therefor shall be incurred by the Company, unless Company is solely negligent, because of such action for any consequential damages, including but not limited to loss of service to

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**TERMS AND CONDITIONS (Contd.)**

- customers of attachee. Company may not require that attachee remove attachments for the sole reason to make room for Company on an existing pole.
12. Attachee may at any time abandon the use of a jointly used pole hereunder by removing therefrom all of its attachments and by giving written notice thereof to the Company.
  13. Attachee shall secure any right, license or permit from any governmental body, authority, or other person or persons which may be required for the construction or maintenance of attachments of attachee, at its expense. The Company does not guarantee any easements, rights-of-way or franchises for the construction and maintenance of such attachments. Attachee hereby agrees to indemnify and save harmless the Company from any and all claims, including the expenses incurred by the Company to defend itself against such claims, resulting from or arising out of the failure of attachee to secure such right, license, permit or easement for the construction or maintenance of such attachments on the Company's poles.
  14. Electric service for cable television power supplies of attachee shall be supplied from the lines of the Company in the manner specified by the Company. (T)
  15. The Company shall have the right, from time to time while any poles are being used by attachee, to grant, by contract or otherwise, to others, rights or privileges to use any poles being used by attachee, and the Company shall have the right to continue and extend any such rights or privileges heretofore granted. The attachment privileges granted hereunder to an attachee shall at all times be subject to all previously granted rights pursuant to agreements between Company and others covering poles in joint use but shall not be subject to subsequently granted rights.
  16. Attachee shall furnish bond, as specified by the Company, to guarantee the performance of the obligations assumed by attachee under the terms herein contained not otherwise covered by the insurance required by paragraph 9. Such bond shall be submitted to the Company prior to attachee's making attachments to the Company's poles. The amount of the bond may be reduced after the construction phase has been completed, and after attachee has proven to be a reliable utility customer. Allowance of such reduction shall not be unreasonably denied.
  17. In case one party is obligated to perform certain work at its own expense and the parties mutually agree in writing that it is desirable for the other party to do such work, then such other party shall promptly do the work at the sole expense of the party originally obligated to perform the same. Bills for expense so incurred shall be due and payable within 30 days after presentation.

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**TERMS AND CONDITIONS (Contd.)**

18. If attachee fails to comply with any of the provisions herein contained or defaults in the performance of any of its obligations herein contained and fails within 60 days after written notice from the Company to correct such default or non-compliance, the Company may, at its option, forthwith terminate the specific permit or permits covering the poles and attachee's attachments to which such default or non-compliance is applicable and any or all other permits of attachee, and remove attachments of attachee at attachee's expense, and no liability therefor shall be incurred by the Company because of such action except damages to facilities caused by the sole negligence of Company.
19. The area covered by the application will be set forth on a map, attached to, and made a part of the application. Such area may be extended or otherwise modified by a supplemental agreement mutually agreed upon and signed by the attachee and the Company with a new map attached thereto showing the changed area to be thereafter covered by the application. Such supplement shall be effective as of the date of final execution thereof and shall be attached to all executed copies of the application.
20. If attachee does not exercise the rights granted herein within six months from the date of the application, the application shall be void.
21. The provisions herein shall be binding upon and inure to the benefit of the parties thereto, their respective successors and/or assigns, but attachee shall not assign, transfer or sublet any of the rights hereby granted or obligations hereby assumed without the prior written consent of the Company.

**SERVICE REGULATIONS**

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

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**COGENERATION AND SMALL POWER  
PRODUCTION SALE AND PURCHASE TARIFF-100 KW OR LESS**

**APPLICABILITY**

The provisions of this tariff are applicable to qualifying cogeneration and small power production facilities as adopted by the Kentucky Public Service Commission (Ky. PSC), Regulation 807 KAR 5:054.

**DEFINITIONS**

Definitions of the following terms are as adopted by the Ky. PSC, 807 KAR 5:054 - Section 2:

- |                                     |                          |
|-------------------------------------|--------------------------|
| (1) Qualifying Facility             | (7) Interconnection Cost |
| (2) Cogeneration Facility           | (8) Supplementary Power  |
| (3) Small Power Production Facility | (9) Back-up Power        |
| (4) Purchase                        | (10) Interruptible Power |
| (5) Sale                            | (11) Maintenance Power   |
| (6) Avoided Cost                    | (12) System              |

**OBLIGATIONS**

- (1) Purchases  
The utility shall purchase from qualifying facilities in accordance with 807 KAR 5:054 - Sections 6 and 7.
- (2) Sales  
The utility shall sell to qualifying facilities in accordance with 807 KAR 5:054 - Section 6.
- (3) Interconnections  
The utility shall make interconnections with qualifying facilities as may be necessary to accomplish purchases or sales and the qualifying facility will pay for the interconnection costs in accordance with 807 KAR 5:054 - Section 6.
- (4) System Emergencies  
During system emergencies the utility may discontinue purchases and sales or the qualifying facilities may be required to provide energy or capacity in accordance with 807 KAR 5:054 - Section 6.

**STANDARDS FOR OPERATING RELIABILITY**

The technical requirements necessary for operating reliability are set forth in the Company's procedure entitled "Guideline Technical Requirements for Parallel Operation of Customer Generation on the Transmission System."

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in (T)  
Case No. 2006-00172. (T)

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Duke Energy Kentucky, Inc.  
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**RATE SCHEDULES**

Rates for Purchases from qualifying facilities: (T)

Purchase Rate shall be \$0.03078/kWh for all kilowatt-hours delivered. (R)

Rates for Sales to qualifying facilities will be accomplished through existing tariff schedules on file with the Ky. PSC. (N)  
(T)

**SERVICE REGULATIONS, TERMS AND CONDITIONS**

The QF shall enter into a written contract with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in (T)  
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Duke Energy Kentucky, Inc.  
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**COGENERATION AND SMALL POWER  
PRODUCTION SALE AND PURCHASE TARIFF-GREATER THAN 100 KW**

**APPLICABILITY**

The provisions of this tariff are applicable to qualifying cogeneration and small power production facilities as adopted by the Kentucky Public Service Commission (Ky. PSC), Regulation 807 KAR 5:054.

**DEFINITIONS**

Definitions of the following terms are as adopted by the Ky. PSC, 807 KAR 5:054 - Section 2:

- |                                     |                          |
|-------------------------------------|--------------------------|
| (1) Qualifying Facility             | (7) Interconnection Cost |
| (2) Cogeneration Facility           | (8) Supplementary Power  |
| (3) Small Power Production Facility | (9) Back-up Power        |
| (4) Purchase                        | (10) Interruptible Power |
| (5) Sale                            | (11) Maintenance Power   |
| (6) Avoided Cost                    | (12) System              |

**OBLIGATIONS**

- (1) Purchases  
The utility shall purchase from qualifying facilities in accordance with 807 KAR 5:054 - Sections 6 and 7.
- (2) Sales  
The utility shall sell to qualifying facilities in accordance with 807 KAR 5:054 - Section 6.
- (3) Interconnections  
The utility shall make interconnections with qualifying facilities as may be necessary to accomplish purchases or sales and the qualifying facility will pay for the interconnection costs in accordance with 807 KAR 5:054 - Section 6.
- (4) System Emergencies  
During system emergencies the utility may discontinue purchases and sales or the qualifying facilities may be required to provide energy or capacity in accordance with 807 KAR 5:054 - Section 6.

**STANDARDS FOR OPERATING RELIABILITY**

The technical requirements necessary for operating reliability are set forth in the Company's procedure entitled "Guideline Technical Requirements for Parallel Operation of Customer Generation on the Transmission System."

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Issued by authority of an Order of the Kentucky Public Service Commission dated April 12, 2012 in Case No. 2012-00130. (T)  
(T)

Issued: March 28, 2012

Effective: April 17, 2012 (T)

Issued by Julie Janson, President (T)

Duke Energy Kentucky , Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Third Revised Sheet No. 94 (T)  
Cancels and Supersedes  
Second Revised Sheet No. 94 (T)  
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**RATE SCHEDULES**

Rates for Purchases from qualifying facilities:

The Purchase Rate for all kilowatt-hours delivered shall be the PJM Real-Time Total Locational Marginal Price for power at the DEK Aggregate price node, inclusive of the energy, congestion and losses charges, for each hour of the billing month. (T)  
(T)  
(N)  
(N)

Rates for Sales to qualifying facilities will be accomplished through existing tariff schedules on file with the Ky. PSC.

**SERVICE REGULATIONS, TERMS AND CONDITIONS**

The QF shall enter into a written contract with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.

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

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First Revised Sheet No. 95 (T)  
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**LOCAL FRANCHISE FEE**

**APPLICABLE TO ALL RATE SCHEDULES**

There shall be added to the customer's bill, listed as a separate item, an amount equal to the fee now or hereafter imposed by local legislative authorities, whether by ordinance, franchise or other means, which fee is based on the gross receipts collected by the Company from the sale of electricity to customers within the boundaries of the particular legislative authority. Such amount shall be added exclusively to bills of customers receiving service within the territorial limits of the authority imposing the fee.

Where more than one such fee is imposed, each of the charges applicable to each customer shall be added to the customer's bill and listed separately.

Where the local legislative authority imposes a flat, fixed amount on the Company, the fee applied to the bills of customers receiving service within the territorial boundaries of that authority, shall be in the form of a flat dollar amount.

The amount of such fee added to the customer's bill shall be determined in accordance with the terms of the ordinance, franchise or other directive agreed to by the Company.

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Erlanger, Kentucky 41018

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First Revised Sheet No. 96  
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## RATE UDP-R

### UNDERGROUND RESIDENTIAL DISTRIBUTION POLICY

#### APPLICABILITY

Applicable to the electric service of: 1. single family houses in increments of ten (10) or more contiguous lots with a maximum lot width of one hundred twenty (120) feet; or 2. multi-family dwellings in buildings containing five (5) or more individually metered family units. Rate UDP-R is available throughout the service area of the Company in those situations where the Company extends its distribution lines using pad-mounted transformers to serve new developments.

#### CHARGES

The following charges will be assessed:

1. Single Family Houses.

- A. \$2.15 per front foot for all primary extensions. Primary extension on private property will be charged \$2.15 per linear trench foot; and
- B. An additional \$2.00 per linear trench foot shall be charged where extremely rocky conditions are encountered, such conditions being defined as limestone or other hard stratified material in a continuous volume of at least one cubic yard or more which cannot be removed using ordinary excavation equipment.

2. Multi-Family Units.

There shall be no charge except where extremely rocky conditions are encountered, then the \$2.00 per linear trench foot, as stated and defined above, shall be charged.

#### GENERAL CONDITIONS

- 1. Others shall, in accordance with the specification of the Company and local inspection authority, furnish, install, own and maintain the customer services. The Company shall connect the customer service cable to its distribution system and provide and install pull-boxes, if necessary. (N)  
(T)
- 2. The Developer shall furnish and install all conduit and crossovers required by the Company, including all areas where paving is installed prior to the installation of the Company's distribution facilities, and be responsible for installing and maintaining these crossovers in accordance with the Company's specifications and location plans until the underground electric line is completed. A Company inspector must approve all crossovers before the trenches are backfilled; and the Developer shall stake each end of every crossover with a stake marked "ELEC." The Company shall determine where conduit and crossovers are required.

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**GENERAL CONDITIONS (Contd.)**

3. The Developer shall complete and be responsible for maintaining final grade within the right-of-way and the street until the street has been dedicated and accepted by the local government.
4. The Company shall determine the route of all Company-owned underground electric line extensions. Such facilities must be located so as to accessible at all times for switching and maintenance.
5. The point at which the underground distribution system begins shall be determined by the Company and the overhead primary extension to this point may be installed as open-wire conductors.
6. The Company shall determine equipment locations and such facilities must be accessible from adequate driveways, protected from mechanical hazards and placed so as to maintain proper clearance from building openings.
7. The Company shall determine the number of customers to be served from each transformer or pull-box, where meters shall be located and how they shall be grouped.
8. The Developer, at the Company's option, may be required to pay to the Company a deposit on the contracted charges when the agreement is executed. The Developer shall pay to the Company the balance due under said agreement at the Company's preconstruction meeting, at which time the work performed by the Company is scheduled.
9. The Developer shall furnish to the Company the required number of plat drawings approved by governmental authorities having jurisdiction, and any revisions of such plats, which shall indicate the location of all proposed driveways, parking areas, building openings and sewer, water, gas and telephone facilities.
10. The Developer shall stake all required lot corners or control points along the cable route as specified by the Company.
11. The Developer shall complete final grade of distribution line route before construction work is started and be responsible for maintaining same during construction. The Company shall permit a maximum cut of six inches for sidewalk and driveways after their facilities have been installed. No fill will be permitted after the Company's facilities have been installed except by written permission from the Company. If it is necessary to change the grade of the Company's facilities due to changes by the Developer, all costs of the change shall be borne by the Developer.
12. The underground construction area shall be clear of all other construction forces and, after the underground construction has begun, it shall not be interrupted by other construction forces.

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**GENERAL CONDITIONS (Contd.)**

13. The Developer shall enter into a written agreement with the Company. This agreement and an attached plan shall constitute written notice when Developer has signed said agreement and the ENDORSEMENT attached to said plat, accepting the location of underground electric facilities as shown thereon. Any additional engineering required or extra construction costs required by the Company shall be borne by the Developer.
14. The Developer shall grant to the Company, on its applicable forms, all rights-of-way which in the opinion of the Company are necessary or desirable for such extensions.
15. Should the Developer request additional facilities, different routing or termination points, or changes in the facilities planned or installed, the Developer shall pay the total estimated cost to the Company for such additional facilities or changes.
16. The Developer shall also pay the cost of any repairs or replacement to the distribution system resulting from the negligent act of acts of the Developer, his agents, workmen, contractors or tenants.

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## RATE UDP-G

### GENERAL UNDERGROUND DISTRIBUTION POLICY

#### APPLICABILITY

Applicable to electric service of: 1. single family houses or multi-family dwellings that do not qualify under the Applicability of the Underground Residential Distribution Policy; 2. commercial and industrial customers; or 3. special situations. Rate UDP-G is available throughout the service area of the Company in those situations where the Company extends its distribution lines to serve new developments not covered by the Underground Residential Distribution Policy. (T)

#### CHARGES

The charges shall be the difference between the Company's estimated cost to provide an underground system and the Company's estimated cost to provide an overhead system. In addition to the differential charge, the following provisions are applicable:

1. Single Family Houses or Multi-Family Units.

The customer may be required to provide the necessary trenching, backfilling, conduit system (if required) and transformer pads in place to Company's specifications.

2. Commercial and Industrial Units.

The customer shall:

- a) Provide the necessary trenching and backfilling;
- b) Furnish, install (concrete, if required), own and maintain all primary and/or secondary conduit system (with spares, if required) on private property meeting applicable codes and Company's specifications; and
- c) Provide the transformer pad and secondary conductors.

3. Special Situations

In those situations where the Company considers the pad-mounted transformer installations unsuitable, the customer shall provide the vault designed to meet National Electric Code, other applicable codes, and Company specifications, the conduit to the vault area and the secondary cable to the transformer terminals. The Company shall provide the transformers, the primary vault wiring and make the secondary connection to the transformer terminals.

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**CHARGES (Cont'd.)**

In large multiple cable installations, the customer shall provide the cable, provide and install the step bus mounted in the vault, and make necessary cable connections to the step bus to the Company's specifications. The Company shall provide and install connections from the transformer terminals to the step bus.

The customer shall extend the bus duct into the vault to the Company's specifications. The Company shall provide and install connections from the transformer terminals to the bus duct.

(N)

**GENERAL CONDITIONS**

1. Other shall, in accordance with the specifications of the Company and local inspection authority, furnish, install, own and maintain the customer services. The Company shall connect the customer service to its distribution system and provide and install pull boxes, if necessary. (T)
2. The customer shall furnish and install all conduit systems required by the Company, and be responsible for maintaining the conduit system in accordance with the Company's specifications and location plans until the underground electric line is completed. A Company inspector must approve all conduit systems before the trenches are backfilled; and the customer shall stake each end of every crossover with a stake marked "ELEC." The Company shall determine where conduit systems are required.
3. The customer shall complete and be responsible for maintaining final grade within the right-of-way and the street until the street has been dedicated and accepted by the local government.
4. The Company shall determine the route of all Company-owned underground electric line extensions. Such facilities must be located so as to be accessible at all times for switching and maintenance.
5. The point at which the underground distribution system begins shall be determined by the Company and the overhead primary extension to this point may be installed as open-wire conductors.
6. The Company shall determine equipment locations and such facilities must be accessible from adequate driveways, protected from mechanical hazards and placed so as to maintain proper clearance from building openings.
7. The Company shall determine the number of customer to be served from each transformer or pull-boxes, where meters shall be located and how they shall be grouped.
8. The customer, at the Company's option, may be required to pay to the Company a deposit on the contracted charges when the agreement is executed. Upon completion of construction of the underground electric facilities, the customer shall pay to the Company the balance due under said **GENERAL CONDITIONS (Cont'd.)**

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agreement.

9. The customer shall furnish to the Company the required number of plat drawings approved by governmental authorities having jurisdiction, and any revisions of such plats, which shall indicate the location of all proposed driveways, parking areas, building openings and sewer, water, gas, telephone and CATV facilities.
10. The customer shall stake all required lot corners or control points along the cable route as specified by the Company.
11. The customer shall complete final grade of distribution line route before construction work is started and be responsible for maintaining same during construction. The Company shall permit a maximum cut of six inches for sidewalk and driveways after their facilities have been installed. No fill will be permitted after the Company's facilities have been installed except by written permission from the Company. If it is necessary to change the grade of the Company's facilities due to changes by the customer, all costs of the change shall be borne by the customer.
12. The underground construction area shall be clear of all other construction forces and, after the underground construction has begun, it shall not be interrupted by other construction forces.
13. The customer shall enter into a written agreement with the Company. This agreement and an attached plat shall constitute written notice when customer has signed said agreement and/or the ENDORSEMENT attached to said plat, accepting the location of underground electric facilities as shown thereon. Any additional engineering required or extra construction costs required of the Company shall be borne by the customer.
14. The customer shall grant to the Company, on its applicable forms, all rights-of-way which in the opinion of the Company are necessary or desirable for such extensions.
15. Should the customer request additional facilities, different routing or termination points, or changes in the facilities planned or installed, the customer shall pay the total estimated cost to the Company for such additional facilities or changes.
16. The customer shall also pay the cost of any repairs or replacement to the distribution system resulting from the negligent act or acts of the customer, his agents, workmen, contractors or tenants.
17. The customer will not be required to pay the differential in cost between a pad-mounted and pole-mounted transformer.

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**ELECTRICITY EMERGENCY PROCEDURES**  
**FOR**  
**LONG-TERM FUEL SHORTAGES**

**APPLICABILITY**

In the event of an energy emergency which necessitates curtailment of electricity consumption, Duke Energy Kentucky, Inc. and consumers of electric energy supplied by the Company shall take actions set forth herein, except where the Kentucky Public Service Commission (Commission) or other authority having jurisdiction in the matter orders otherwise.

**PROCEDURES**

Electricity emergency procedures may be necessary if there is a shortage in the electric energy supply to meet the requirements of consumers of electric energy in the service area of the Company. The procedures set forth the actions to be taken by the Company and consumers of electric energy in the event of a long-term fuel shortage for electric generation jeopardizing electric service to the Company's customers.

**I. DEFINITIONS**

For purposes of this procedure, the Company has adopted the following definitions:

- A. "electricity priority uses" shall mean the amount of electrical energy necessary for protection of the public's health and safety, and for the prevention of unnecessary or avoidable damage to property at:
1. Residences (homes, apartments, nursing homes, institutions, and facilities for permanent residents or transients);
  2. Hospitals;
  3. Medical and human life support systems and facilities;
  4. Electric power generating facilities and central heating plants serving the public;
  5. Telephone, radio, television, and newspaper facilities;
  6. Local and suburban transit systems and air terminal facilities;
  7. Police and fire fighting facilities;

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**DEFINITIONS (Contd.)**

8. Water supply and pumping facilities;
  9. Sanitary service facilities for collection, treatment, or disposal of community sewage;
  10. Federal facilities essential to national defense or energy supply;
  11. Production facilities for natural gas, artificial or synthetic gas, propane, and petroleum fuel, and for fuel refineries;
  12. Pipeline transmission and distribution facilities for natural gas, artificial or synthetic gas, propane, and petroleum fuels;
  13. Coal mines and related facilities;
  14. Production, processing, distribution, and storage facilities for dairy products, meat, fish, poultry, eggs, produce, crackers, bread, and livestock and poultry feed;
  15. Buildings and facilities limited to uses protecting the physical plant and structure, appurtenances, product inventories, raw materials, livestock, and other personal or real property; and
  16. Such other similar uses as may be determined by the Kentucky Public Service Commission (hereinafter "Commission").
- B. "non-priority uses" shall mean all uses of electricity other than priority uses.
- C. "consumer" shall mean that person or entity who consumes electric energy from the Company.
- D. "normal burn days" shall mean the number of days of coal supply available for operation of the generating facilities of the Company's supplier, Duke Energy Ohio.
- E. "normal usage" shall mean electric energy consumption by a consumer during the comparable period during the previous year adjusted for weather or other major changes in usage.

(D)

The Company encourages consumers who have electric priority uses to implement the actions required herein to the extent reasonably possible. Consumers who have electric priority uses or have critical equipment or processes should consider the installation of emergency generation equipment if continuity of service is essential.

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## II. LONG-TERM FUEL SHORTAGE

- A. Upon the commencement of a coal miners' strike, officially declared or otherwise, or other happening which could cause a long-term fuel shortage, the Company shall curtail non-essential use of energy on premises controlled by the Company including parking and large area lighting and interior lighting except lighting required for security and safety, and other uses of energy both during and outside normal business hours.
- B. Voluntary Curtailment:
1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to forty (40) days, the Company shall request voluntary conservation by all consumers of at least 25% of all non-priority use of electric.
  2. The Company shall implement a public appeals campaign through the news media to its consumers making appropriate suggestions for achieving usage reductions. These reductions should include but not be limited to the following:
    - (a) Reduce outdoor lighting;
    - (b) Reduce general interior lighting levels to minimum levels to the extent this contributes to decreased electricity usage;
    - (c) Reduce show window and display lighting to minimum levels to protect property;
    - (d) Reduce the number of elevators operating in office buildings during non-peak hours;
    - (e) Reduce electric water heating temperature to minimum level.
    - (f) Minimize work schedules for building cleaning and maintenance, restocking, etc., in order to eliminate the necessity for office or commercial and industrial facilities to be open beyond normal working hours;
    - (g) Minimize electricity use by maintaining a building temperature of no less than 78 degrees Fahrenheit by operation of cooling equipment and no more than 68 degrees Fahrenheit by operation of heating equipment;
    - (h) Encourage, to the extent possible, daytime scheduling of entertainment and recreational facilities.

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## II. LONG-TERM FUEL SHORTAGE (Contd.)

3. The Company, through the issuing of periodic bulletins to the news media, shall inform the general public of:
  - (a) The coal supply level of its supplier, at least weekly;
  - (b) The actions which will be required of consumers if it becomes necessary to initiate mandatory curtailment of electric energy and the procedures to be followed prior to and during the period electric usage is restricted.

### C. Mandatory Curtailment - Stage One:

1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to thirty (30) days, consumers shall curtail the use of electricity as follows:
  - (a) All previous measures shall be continued except as amended below;
  - (b) All non-priority outdoor lighting is prohibited;
  - (c) All public, commercial, and industrial buildings shall minimize electricity use by maintaining a building temperature of no less than 85 degrees Fahrenheit by the operation of cooling equipment and no more than 60 degrees Fahrenheit by the operation of heating equipment, except where health requirements or equipment protection deem such measures to be inappropriate;
  - (d) All public, commercial, and industrial buildings shall reduce interior lighting to the minimum levels essential for continued work and operations to the extent this contributes to decreased use of electric energy.

### D. Mandatory Curtailment - Stage Two:

1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to twenty-five (25) days, consumers shall curtail the use of electricity as follows:
  - (a) All previous measures shall be continued except as amended below;

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**II. LONG-TERM FUEL SHORTAGE (Contd.)**

- (b) All consumers shall discontinue non-priority use of electricity on two days of each week. Consumers may, in the alternative, elect to reduce total electricity consumption by 25% below normal usage. Consumers choosing the second option must keep records sufficient to document the reduction. The Company shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority uses above mandatory stage one levels during other days of the week.

**E. Mandatory Curtailment - Stage Three:**

1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to twenty (20) days, consumers shall curtail the use of electricity as follows:
- (a) All previous measures shall be continued except as amended below;
- (b) All consumers shall discontinue non-priority use of electricity on three days of each week. Consumers may, in the alternative, elect to reduce total electricity consumption by 50% below normal usage. Consumers choosing the second option must keep records sufficient to document the reduction. The Company shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority uses above mandatory stage two levels during other days of the week.

**F. Mandatory Curtailment - Stage Four:**

1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to fifteen (15) days, all consumers shall discontinue all non-priority use of electricity on all days of each week.

**III. The Company shall take such measures in connection with its facilities as are necessary and reasonable for the implementation of these procedures.**

Where the integrity of the Company's electric system is in jeopardy, the Company may take additional measures it deems appropriate, such as voltage reduction up to 5% and interruption of selected distribution circuits on a rational basis.

**IV. PENALTIES**

Failure of a consumer to comply with the Company's mandatory curtailment stages may subject that consumer's electric service to disconnection by the Company. Where the Company discovers that a consumer has exceeded its directed usage limitation by more than 15% in a thirty (30) day period, the Company shall notify the Commission that, on the third working day after said discovery, it shall disconnect electric service to such consumer until the fuel supply emergency is relieved.

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**RATE RTP  
REAL TIME PRICING PROGRAM**

**APPLICABILITY**

Applicable to Customers served under Rate DS, Rate DT, Rate DP or Rate TT. Service under the RTP Program will be offered on an experimental basis. The incremental cost of any special metering required for service under this Program beyond that normally provided under the applicable Standard Tariff shall be borne by the Customer. Customers must enter into a written service agreement with a minimum term of one year.

**PROGRAM DESCRIPTION**

The RTP Program is voluntary and offers Customers the opportunity to manage their electric costs by either shifting load from higher cost to lower cost pricing periods and adding new load during lower cost pricing periods or to learn about market pricing. Binding Price Quotes will be sent to each Customer on a day-ahead basis. The program is intended to be bill neutral to each Customer with respect to their historical usage through the use of a Customer Baseline Load (CBL) and the Company's Standard Offer Rates.

**CUSTOMER BASELINE LOAD**

The CBL is one complete year of Customer hourly load data that represents the electricity consumption pattern and level of the Customer's operation under the Standard Rate Schedule. The CBL is the basis for achieving bill neutrality for Customers billed under this Rate RTP, and must be mutually agreeable to both the Customer and the Company as representing the Customer's usage pattern under the Standard Rate Schedule (non-RTP). In the event that the Customer's electricity consumption pattern differs significantly from the established CBL, the Company may renegotiate the CBL with the Customer. Agreement on the CBL is a requirement for participation in the RTP Program.

**RTP BILLING**

Customers participating in the RTP Program will be billed monthly based on the following calculation:

$$\text{RTP Bill} = \text{BC} + \text{PC} + \sum_{t=1}^n \{ (\text{CC}_t + \text{ED}_t + \text{ASC}_t) \times (\text{AL}_t - \text{CBL}_t) \} \quad (\text{D})$$

Where:

BC = Baseline Charge  
PC = Program Charge

CC<sub>t</sub> = Commodity Charge for hour t  
ED<sub>t</sub> = Energy Delivery Charge for hour t  
ASC<sub>t</sub> = Ancillary Services Charge for hour t

AL<sub>t</sub> = Customer Actual Load for hour t  
CBL<sub>t</sub> = Customer Baseline Load in hour t  
n = total number of hours in the billing period  
t = an hour in the billing period

(D)

**BASELINE CHARGE**

The Baseline Charge is independent of Customer's currently monthly usage, and is designed to achieve bill neutrality with the Customer's standard offer tariff if no change in electricity usage pattern occurs (less applicable program charges). The Baseline Charge is calculated at the end of the billing period and changes each billing period to maintain bill neutrality for a Customer's CBL.

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Witness Responsible: Bruce Sailors

KY. P.S.C. Electric No. 2

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Fourth Revised Sheet No. 99

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**BASELINE CHARGE (Contd.)**

The Baseline Charge will be calculated as follows:

$$BC = (\text{Standard Bill @ CBL})$$

Where:

BC = Baseline Charge

Standard Bill @ CBL = Customer's bill for a specific month on the applicable Rate Schedule including applicable Standard Contract Riders using the CBL to establish the applicable billing determinants.

The CBL shall be adjusted to reflect applicable metering adjustments under the Rate Schedule. All applicable riders shall be excluded from the calculation of the Baseline Charge.

**PRICE QUOTES**

The Company will send to Customer, within two hours after the wholesale prices are published by PJM each day, Price Quotes to be charged the next day. Such Price Quotes shall include the applicable Commodity Charge, the Energy Delivery Charge and the Ancillary Services Charge.

The Company may send more than one-day-ahead Price Quotes for weekends and holidays identified in Company's tariffs. The Company may revise these prices the day before they become effective.

The Company is not responsible for failure of Customer to receive and act upon the Price Quotes. It is Customer's responsibility to inform Company of any failure to receive the Price Quotes the day before they become effective.

**COMMODITY CHARGE**

The Commodity Charge is a charge for generation. The applicable hourly Commodity Charge (Credit) shall be applied on an hour by hour basis to Customer's incremental (decremental) usage from the CBL.

Charge (Credit) For Each kW Per Hour From The CBL:

For kWh<sub>t</sub> above the CBL<sub>t</sub>,  $CC_t = MVG_t \times LAF$

For kWh<sub>t</sub> below the CBL<sub>t</sub>,  $CC_t = MVG_t \times 80\% \times LAF$

Where:

LAF = loss adjustment factor

= 1.0530 for Rate TS

= 1.0800 for Rate DP

= 1.1100 for Rate DS

MVG<sub>t</sub> = Market Value Of Generation As Determined By Company for hour t

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Issued by authority of an Order of the Kentucky Public Service Commission dated June 1, 2012 in Case No. 2012-00276.

Issued: April 23, 2012

Effective: June 1, 2012

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(T)

Issued by Julie Janson, President

(T)



Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2 (T)  
Fifth Revised Sheet No. 99 (T)  
Cancels and Supersedes  
Fourth Revised Sheet No. 99 (T)  
Page 3 of 4

**COMMODITY CHARGE (Contd.)**

The MVG<sub>t</sub> will be based on the expected market price of capacity and energy for the next day. The expected market price shall be the PJM Real-Time Total Locational Marginal Price for power at the DEK Aggregate price node, inclusive of the energy, congestion and losses charges, for each hour. (T)

The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

**ENERGY DELIVERY CHARGE**

The hourly Energy Delivery Charge is a charge for using the transmission and distribution system to deliver energy to the Customer. The applicable hourly Energy Delivery Charge (Credit) shall be applied on a hour by hour basis to Customer's incremental (decremental) usage from the CBL.

Charge (Credit) For Each kW Per Hour From The CBL

Secondary Service .....	\$0.006053 per kW Per Hour	(I)
Primary Service .....	\$0.005540 per kW Per Hour	(I)
Transmission Service .....	\$0.002008 per kW Per Hour	(I)

The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

**ANCILLARY SERVICES CHARGE**

The hourly Ancillary Services Charge is a charge for: (D)

- Scheduling, System Control & Dispatch (D)
- Reactive and Voltage Control (D)
- Regulation and Frequency Response (D)
- Spinning Reserve (D)
- Supplemental Reserve (D)

The applicable hourly Ancillary Services Charge (Credit) shall be applied on an hour by hour basis to Customer's incremental (decremental) usage from the CBL (D)

Charge (Credit) For Each kW Per Hour From The CBL (D)

<u>Secondary Delivery.....</u>	<u>\$0.000760 per kW Per Hour</u>	(D)
<u>Primary Delivery.....</u>	<u>\$0.000740 per kW Per Hour</u>	(D)
<u>Transmission Delivery .....</u>	<u>\$0.000721 per kW Per Hour</u>	(D)

The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

**APPLICABLE RIDERS**

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

- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric (D)
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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Issued by Julie Janson, President

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4580 Olympic Blvd.  
Erlanger, Kentucky 41018

**PROGRAM CHARGE**

Company will provide Internet based communication software to be used to provide Customer with the Price Quotes. Customer will be responsible for providing its own Internet access. A charge of \$183.00 per billing period per site shall be added to Customer's bill to cover the additional billing, administrative, and cost of communicating the hourly Price Quotes associated with the RTP Program.

Customer may purchase from either Company or any other third-party suppliers any other necessary equipment or software packages to facilitate participation in this program. While Customers are encouraged to use such equipment or software packages to maximize benefits under this Program, it is not a requirement for program participation. It is Customer's responsibility to ensure the compatibility of third-party equipment or software packages with any Company owned equipment or software packages.

**SPECIAL TERM AND CONDITIONS**

Except as provided in this Rate RTP, all terms, conditions, rates, and charges outlined in the Standard Rate Schedule will apply. Participation in the RTP Program will not affect Customer's obligations for electric service under the Standard Rate Schedule.

Customers who terminate their service agreement under this Rider RTP after the initial one (1) year term shall be ineligible to return to the program for twelve (12) months from the termination date.

The primary term of service is one (1) year consisting of a consecutive twelve month period.

Customers returning to the standard tariff shall have any historical demands in excess of the CBL, waived for purposes of calculating applicable billing demands.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated June 1, 2012 in Case No. 2012-00276.

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Duke Energy Kentucky, Inc.  
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Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
First Revised Sheet No. 100  
Cancels and Supersedes  
Original Sheet No. 100  
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**EMERGENCY ELECTRIC PROCEDURES**

**APPLICABILITY**

In the event of an energy emergency which necessitates curtailment of electric service, Duke Energy Kentucky, Inc. may curtail electrical service to its customers in the manner set forth herein, either at its sole discretion, or under applicable policies, guidelines, directives or procedures issued by the East Central Area Reliability Council (ECAR), National Electric Reliability Council (NERC), the Midwest Independent Transmission System Operator, Inc. (Midwest ISO), or their successor organizations, or when required by the Kentucky Public Service Commission (Commission).

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**PROCEDURES**

**I. General Rules Applicable to Energy Emergency**

Emergency electrical procedures may be necessary in the event of electric supply shortages, transmission constraints, or other emergency conditions in the assigned service area of Duke Energy Kentucky, Inc. and/or outside the assigned service area of Duke Energy Kentucky, Inc.

An emergency means an anticipated or existing shortage in the supply of or constraint in the transmission or distribution of electrical energy, which cannot be avoided by market purchases of energy or transmission capacity and which has or may adversely affect the operation or reliability of generating or transmission and distribution facilities.

In the event of an emergency, Duke Energy Kentucky, Inc. may take any remedial measure that it deems reasonably necessary to alleviate the emergency condition or that may be required either by the Commission or under applicable policies, guidelines, directives or procedures issued by ECAR (including the then current revision of ECAR Document No. 3, Emergency Operations), NERC, the Midwest ISO, or their successor organizations, or Duke Energy Kentucky, Inc.'s emergency plan. During an emergency, Duke Energy Kentucky, Inc. will follow the procedures set forth herein with regard to essential customers as defined in section II, below. Duke Energy Kentucky, Inc. will take the remedial measures to alleviate the emergency conditions as set forth in section III, below.

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**II. Essential Customers**

Essential customers are defined as follows:

- (A) hospitals and emergency care facilities, which shall be limited to those facilities providing medical care and performing in-patient surgery on patients;
- (B) federal, Commonwealth and county prisons and detention institutions;
- (C) police and fire stations, Kentucky national guard facilities, military bases, and federal facilities essential to the national defense;
- (D) "critical customers," which means any customer or consumer on a medical or life support system for whom an interruption of service would be immediately life threatening and who is enrolled in Duke Energy Kentucky, Inc.'s program for critical customers;
- (E) radio and television stations used to transmit emergency messages and public information broadcasts relating to emergencies;
- (F) water pumping plants essential to the supply of potable water to a community;
- (G) sewage plants essential to the collection, treatment or disposal of a community's sewage;

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**II. Essential Customers (Contd.)**

- (H) emergency management and response facilities and the county-wide "911" system;
- (I) nursing homes;
- (J) central office telephone switching stations; and
- (K) blood banks.

Duke Energy Kentucky, Inc. does not guarantee a continuous and uninterrupted flow of power to any customer. Power interruptions may occur due to many causes other than the emergency procedures set forth herein. Further, essential customers should expect that their power may be interrupted in the event of an emergency due to the nature of the emergency and the normal configuration of electric supply systems.

Essential customers are responsible for anticipating the possibility that power may be interrupted and for developing contingency plans if continuity of service is essential. Such contingency plans may include installing on-site backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location.

Duke Energy Kentucky, Inc. will make reasonable efforts to maintain service to essential customers during an emergency and will attempt to minimize the time period of any interruption, when practical. Duke Energy Kentucky, Inc. may, however, curtail power to essential customers during an emergency. Duke Energy Kentucky, Inc. will attempt to identify essential customers and maintain a list of these customers for its load curtailment plans. Duke Energy Kentucky, Inc. will verify and update this list annually and review its curtailment rotation schedules in an attempt to minimize the number of essential customers affected by curtailment.

Residential customers may request to participate in Duke Energy Kentucky, Inc.'s program for critical customers. Residential customers requesting to participate in this program must initially obtain a Medical Certificate from a licensed physician as to the need for and use of life support equipment in their household and must submit the certificate to Duke Energy Kentucky, Inc. along with their request to enroll in the program.

Upon enrollment in the program, Duke Energy Kentucky, Inc. will notify the customer in writing of the customer's options and responsibilities during an interruption, such as the need for backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location. Duke Energy Kentucky, Inc. will also notify these customers that it cannot guarantee a continuous and uninterrupted flow of power. Duke Energy Kentucky, Inc. will annually verify the customers' eligibility to continue to participate in the program.

Any non-residential customer may apply to be considered an essential customer, provided they must notify Duke Energy Kentucky, Inc. in writing of this request and provide the specific reasons why they should be considered an essential customer. Duke Energy Kentucky, Inc. will respond in writing within ten days of receipt of the request informing the customer whether, in Duke Energy Kentucky, Inc.'s sole discretion, they will be classified as a non-residential essential customer. Non-residential essential customers are also encouraged to develop contingency plans for use during an emergency, such as the need for backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location.

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## II. Essential Customers (Contd.)

Essential customers should prepare to implement their contingency plans any time that Duke Energy Kentucky makes a public appeal for voluntary conservation, due to the possibility that Duke Energy Kentucky, Inc. may experience an emergency during such time that Duke Energy Kentucky, Inc. makes public appeals for voluntary conservation.

If Duke Energy Kentucky, Inc. has adequate advance notice that an emergency may occur, then Duke Energy Kentucky, Inc. will attempt to call critical customers to alert them of the possibility of a power interruption. Due to the frequently sudden onset of an emergency and the time necessary to contact all critical customers, Duke Energy Kentucky, Inc. may not be able to contact critical customers in advance of an emergency.

## III. Remedial Measures in the Event of Emergency

In case of an emergency, Duke Energy Kentucky, Inc. will exercise the following series of load reduction measures to match the load with available generation. These measures are arranged in order of severity of the measures necessary to alleviate the emergency conditions presented. In the case of a sudden or unanticipated emergency, the urgency of the situation may require Duke Energy Kentucky, Inc. to immediately implement the more severe measures.

### Pricing Signals and Special Contracts

Duke Energy Kentucky, Inc. offers a variety of pricing signals using approved tariffs and special contracts to encourage customers to reduce their load when generation is in short supply. Participating customers may elect to voluntarily reduce their demand based on the terms of these tariffs and contracts.

### Internal Conservation

Duke Energy Kentucky, Inc. will reduce its own energy consumption by instructing its employees to adjust thermostats, turn off lights and reduce other non-essential loads at Duke Energy Kentucky, Inc.'s facilities.

### Voltage Reduction

Duke Energy Kentucky, Inc. may reduce voltages. However, Duke Energy Kentucky, Inc. will not reduce voltage more than 5% below normal allowable ranges.

### Public and Targeted Appeals for Voluntary Conservation

Duke Energy Kentucky, Inc. will issue news releases to request customers to voluntarily conserve electricity, with suggestions on how to conserve. Duke Energy Kentucky, Inc. will also contact large commercial and industrial customers (1000 kW or more) requesting them to conserve energy.

Depending on the nature of the emergency, Duke Energy Kentucky, Inc. will issue additional news releases advising customers of a more critical need for voluntary conservation and also notifying customers that Duke Energy Kentucky, Inc. may implement rotating blackouts if the emergency conditions are not alleviated. Duke Energy Kentucky, Inc. will contact large commercial and industrial customers (1000 kW or more) requesting them to curtail all non-essential load.

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4580 Olympic Blvd.  
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#### **Automatic Reserve Sharing**

Automatic Reserve Sharing is a standard method for utilities to aid an adjoining, interconnected utility whose power reserves are low by transmitting power through the interconnection points to raise the reserves of the affected utility. In time of emergency, Duke Energy Kentucky, Inc. may utilize Automatic Reserve Sharing.

### **III. Remedial Measures in the Event of Emergency (Contd.)**

#### **Manual, Involuntary Load Curtailment**

Duke Energy Kentucky, Inc. may implement manual load curtailment, which is a controlled process of rotating customer outages during extreme emergencies. NERC policies may require manual curtailment when Duke Energy Kentucky, Inc. experiences an emergency. NERC policies may also require manual curtailment when the reliability of the Eastern Interconnect is threatened by supply or transmission problems unrelated to conditions within Duke Energy Kentucky, Inc.'s transmission system.

#### **Automatic Load Curtailment**

Duke Energy Kentucky, Inc. may implement automatic load curtailment, which is a process where under-frequency relays are used to shed load as soon as the relays detect problems based upon the system frequency. NERC policies may require automatic curtailment when Duke Energy Kentucky, Inc. experiences an emergency or when the Eastern Interconnect is threatened by transmission system reliability problems unrelated to conditions affecting Duke Energy Kentucky's transmission system.

### **IV. Curtailment Procedures**

Involuntary load curtailment is generally accomplished via remote control of circuits that feed large individual customers and/or general distribution loads. Most general distribution circuits supply many customers including one or more essential customers. Duke Energy Kentucky, Inc. will analyze circuits for curtailment eligibility based upon the ability to perform curtailment via remote control and upon the type of load the circuits serve. Duke Energy Kentucky, Inc. will attempt to limit the number of essential customers affected by involuntary load curtailments; however, given the number of circuits within Duke Energy Kentucky, Inc.'s system and the number of customers served by Duke Energy Kentucky, Inc., it is likely that Duke Energy Kentucky, Inc. will interrupt power to some essential customers if involuntary load curtailment procedures become necessary to alleviate emergency conditions. Duke Energy Kentucky, Inc. will adjust manual involuntary curtailment schedules and attempt to provide advance notification to essential customers if involuntary load curtailment occurs.

Duke Energy Kentucky, Inc. will advise the Commission of the nature, time and duration of all implemented emergency conditions and procedures which affect normal service to customers.

Duke Energy Kentucky, Inc. may initiate the following actions, as it deems appropriate, in the event of an emergency where curtailment is imminent or necessary.

(A) If Duke Energy Kentucky, Inc. is unable to balance its generation and interchange schedules to its load after using all available resources, Duke Energy Kentucky, Inc. may, at its discretion, declare an emergency Commonwealth to the NERC/ECAR Security Coordinator. (T)

(B) Duke Energy Kentucky, Inc. may enter into power purchases to the extent that generation resources are reasonably available and transmission loading will allow.

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(T)

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4580 Olympic Blvd.  
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- (C) Duke Energy Kentucky, Inc. may use any or all of the remedial measures in section III, above.
- (D) If the transmission system frequency is above 59.8 Hz and Duke Energy Kentucky, Inc. cannot reasonably balance resources to load, then Duke Energy Kentucky, Inc. may curtail firm load to balance resources to load.
- (E) If the transmission system frequency is at or below 59.8 Hz, then Duke Energy Kentucky, Inc. may curtail firm load to balance resources to load.
- (F) If the transmission system frequency is at or below 59.7 Hz, then Duke Energy Kentucky, Inc. may curtail firm load to assist in maintaining regional system integrity.

Automatic under-frequency load shedding may occur in the event of a sudden decline of the frequency on the ECAR System or a sudden breakup that isolates all or parts of the Kentucky transmission system from other interconnected transmission systems. The under-frequency load shed may occur according to the following schedule, with each step shedding approximately an additional five percent of load as compared to the system load:

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<u>Step</u>	<u>Freq-Hz</u>	<u>Approximate % Load Shed</u>
1	59.5	5.0
2	59.3	5.0
3	59.1	5.0
4	58.9	5.0
5	58.7	5.0

Under these circumstances, Duke Energy Kentucky, Inc. will interrupt power of selected distribution circuits and lines serving customers throughout its assigned service area at Duke Energy Kentucky, Inc.'s sole discretion.

If automatic load shedding has occurred and frequency is still declining, Duke Energy Kentucky, Inc. may take any additional actions that it deems reasonably necessary to arrest the decline. This may include additional load shedding and coordinated network separations.

If necessary to resynchronize the isolated area or to curtail the decline in frequency, Duke Energy Kentucky, Inc. may take the following steps in the sequence set forth below:

- (A) Duke Energy Kentucky, Inc. may, at its discretion, interrupt power to controlled service loads and to loads rendered service under interruptible tariffs.
- (B) Duke Energy Kentucky, Inc. may reduce voltage up to five percent when deemed appropriate.
- (C) Duke Energy Kentucky, Inc. may manually shed load.

Duke Energy Kentucky, Inc. shall not be liable for power interruptions attributable to:

- (A) the availability of or malfunctions in generation or transmission facilities;

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Witness Responsible: Bruce Sailors

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First Revised Sheet No. 100  
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Original Sheet No. 100  
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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
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- (B) malfunctions in the local distribution system due to conditions beyond Duke Energy Kentucky, Inc.'s control, such as storms, floods, vandalism, strikes, fires, or accidents caused by third parties;
- (C) Duke Energy Kentucky, Inc. following any applicable orders, policies, guidelines, directives or procedures issued by the Commission, governmental authorities, East Central Area Reliability Council (ECAR), National Electric Reliability Council (NERC), the Midwest ISO, or their successor organizations; provided that Duke Energy Kentucky, Inc. makes reasonable efforts to restore service as soon as reasonably practicable.

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#### V. Transmission Emergency Rules

Notwithstanding the above procedures, when Duke Energy Kentucky, Inc. experiences on its transmission facilities an emergency or other event that necessitates the curtailment or interruption of service, Duke Energy Kentucky, Inc. will not curtail or interrupt retail electric service within Duke Energy Kentucky, Inc.'s certified territory, except for service to those customers who have agreed to receive interruptible service, until after Duke Energy Kentucky, Inc. has interrupted service to all other Duke Energy Kentucky, Inc. customers whose interruption may relieve the emergency or other event.

Notwithstanding the foregoing, Duke Energy Kentucky, Inc. may be liable for damages resulting from power interruptions attributable to its gross negligence or willful misconduct.

The provisions of these Emergency Electrical Procedures are subject to the provisions of Duke Energy Kentucky, Inc.'s Retail Electric Tariff, as then in effect and approved by the Commission, including but not limited to the provisions of Duke Energy Kentucky, Inc.'s General Terms And Conditions For Electric Service.

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KY.P.S.C. Electric No. 2  
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**RATE MDC**

**METER DATA CHARGES** (T)

**APPLICABILITY**

This optional program applies to customers located in the Company's service territory that have meter pulse equipment and/or interval metering equipment and who elect to enroll in the En-Focus program. (T)  
(T)

**EN-FOCUS™**

Customers electing the En-Focus option will be required to enroll online, and will be required to accept the Terms and Conditions of the En-Focus program, presented to the customer at the time of enrollment. (T)  
(T)  
(T)

Electronic monthly interval data with graphical capability accessed via the Internet (En-Focus™) \$20.00 per month (T)

**SERVICE REGULATIONS**

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

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No. 2006-00172. (T)  
(T)

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Issued by Julie Janson, President (T)



Account Number 1212-1212-12-4      80      21

<b>Due Date</b>	<b>Amount Due</b>
mmm dd, yyyy	\$ 78.79

\$ \_\_\_\_\_ \$ \_\_\_\_\_  
 WinterCare Contribution      Amount Enclosed  
 (for Customer Assistance)

Current Customer  
 12345 Your Street  
 Your City ST 12345-1234

PO Box 9001076  
 Louisville KY 40290-1076

200 00000078794 12121212124 mmmddyyyy2 00000080867

Page 1 of 2

Name/Service Address	For Inquiries Call	Account Number
Current Customer 12345 Your Street Your City ST 12345-1234	Duke Energy 1-800-123-4567	1212-1212-12-4

Mail Payments To	Account Information
PO Box 9001076 Louisville KY 40290-1076	Payments after mmm dd not included      Bill Prepared on mmm dd, yyyy Last payment received mmm dd      Next meter reading mmm dd, yyyy

Urgent Messages are printed in this section of the bill with a box around the message text.

Meter	Number	Reading Date		Days	Meter Reading		Usage
		From	To		Previous	Present	
Gas	11111111	mmm dd	mmm dd	30	1975	1993	18
Elec	22222222	mmm dd	mmm dd	30	21202	21789	587

Gas - Residential	
Usage - 18 CCF	
Duke Energy - Rate RS	\$ 33.20
Current Gas Charges	\$ 33.20
Gas Cost Recovery Chrg: x.xxxxxxx/CCF	

Current Billing	
Amt Due - Previous Bill	\$ 100.87
Payment(s) Received	100.87 cr
Balance Forward	0.00
Current Gas Charges	\$ 33.20
Current Electric Charges	41.34
Taxes	4.25
Current Amount Due	\$ 78.79

Electric - Residential	
Usage - 587 kWh	
Duke Energy - Rate RS	\$ 41.34
Current Electric Charges	\$ 41.34

Taxes	
Taxes	\$ 4.25

Printed on recycled paper and is recyclable.

Non-Urgent Bill Messages appear in this section of the bill

<b>Due Date</b>	<b>Amount Due</b>	<b>After</b>
mmm dd, yyyy	\$ 78.79	mmm dd, yyyy
		\$ 80.86



Name	Service Address	Account Number
Current Customer	12345 Your St Your City ST 12345-1234	1212-1212-12-4

Explanation of Current Charges		
<b>Gas</b> Meter # 11111111 CCF Usage - 18  mmm dd - mmm dd 30 Days	Duke Energy Rate RS -- Residential Service  Customer Charge \$ xx.xx Gas Delivery Charge 18 CCF @ \$ x.xxxxxxx xx.xx Gas DSM Rider 18 CCF @ \$ x.xxxxxxx x.xx Rider MSR-G 18 CCF @ \$ x.xxxxxxx x.xx cr Gas Cost Recovery 18 CCF @ \$ x.xxxxxxx xx.xx	\$ xx.xx         <b>Total Current Gas Charges</b> \$ xx.xx
<b>Electric</b> Meter # 22222222 kWh Usage 587  mmm dd - mmm dd 30 Days	Duke Energy Rate RS -- Residential Srvs-xxxxxxx  Customer Charge \$ x.xx Energy Charge 587 kWh @ \$ x.xxxxxxx x.xx Elec DSM Rider 587 kWh @ \$ x.xxxxxxx x.xx Rider PSM 587 kWh @ \$ x.xxxxxxxcr x.xxcr Elec Fuel Adjustment 587 kWh @ \$ x.xxxxxxxcr x.xxcr	\$ xx.xx         <b>Total Current Electric Charges</b> \$ xx.xx

222

Explanation of Taxes		
<b>Taxes</b>	Rate Incr for School Tax \$ x.xx Kentucky State Tax xx.xx	\$ xx.xx <b>Total Taxes</b> \$ xx.xx

Charts and Graphs inserted here

	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
Gas	143	87	58	24	38	7	27	17	29	142	238	191	18
Electric	1025	1209	1211	1478	1855	1689	1698	1528	1035	1376	1575	1352	587

Appendix A

**Bill Payment Made Easy**

**Paperless Billing** - View and pay your bill for free by registering at [www.duke-energy.com](http://www.duke-energy.com)

**Payment Advantage** - Free Service, payment automatically drafts from your bank account. Enroll at [www.duke-energy.com/paymybill](http://www.duke-energy.com/paymybill) or call 1-800-544-6900.

**Speedpay**\*- Pay by phone 1-800-544-6900 with credit card or check. A convenience fee will be charged.

**EXPLANATION OF ESTIMATED CHARGES**

Meters are scheduled to be read monthly. Regular meter readings are essential for accurate billing. When we are unable to read a meter, the usage is estimated based on previous bills. An estimated read will be considered the same as an actual read.

**PAYMENT OF BILLS**

In order to avoid paying a late charge, please mail your payment to Duke Energy several days before the due date. Or, if you prefer, you may pay by phone through Speedpay, pay online with Paperless-Billing, or pay automatically through Payment Advantage. Payments can also be made at a Pay Agent location. For more information about our bill payment options, please visit us at [www.duke-energy.com](http://www.duke-energy.com) or call 1-800-544-6900. When you pay by check, you authorize us to convert your check into a one-time electronic check payment or to process the payment as a regular check transaction.

Disconnection of your utility service(s) will not result from failure to pay any non-tariffed or non-regulated products or services.

**LATE PAYMENT CHARGE INFORMATION**

A penalty may be assessed if a customer fails to pay a bill for services by the due date shown on the customer's bill. The penalty may be assessed only once on any bill for rendered services.

**EXPLANATION OF BILL LANGUAGE**

(The following terms will not appear on every bill)

BBP Cycle	Period of time used to calculate the current Budget Billing monthly installment amount.	Elec. Rate	Code that identifies the rate used to determine the Electric Usage Charge.
CCF	Gas usage, measured in hundreds of cubic feet.	EST or E	Estimated Meter Read.
CR	Credited amount.	Gas Rate	Code that identifies the rate used to determine the Gas Usage Charge.
Current Gas Charges	Total of all charges based on gas usage during the current billing period.	kWh	Electric usage measured in kilowatt-hours.
Customer Charge	Charge for administrative costs, including meter reading, billing, and collecting. The Customer Charge for each service includes 10 cents for an energy assistance program approved by the Public Service Commission.	Late Payment	Additional charge added to the bill if the Amount To Pay is not received in full by the due date.
		Meter Multiplier	Constant number that the meter reading usage is multiplied by to obtain the energy usage.
		Usage	Amount of energy used during the billing period.

**GAS COST INFORMATION**

The GAS COST ADJUSTMENT (GCA) rate is the cost (per 100 cubic feet) of gas we purchase from our suppliers. This rate varies periodically as gas prices to us increase or decrease. Duke Energy makes no profit on this charge since it is based on the actual cost we pay our suppliers for the gas we purchase and resell. The GCA amount is included in your total bill as an addition to the Gas Usage Charge, which covers our normal operating expenses for delivering gas to you.

**ELECTRIC COST INFORMATION**

The ELECTRIC FUEL ADJUSTMENT (EFA) rate is the increase or decrease (since determination of the Base Period Fuel Cost) in the cost of fuel purchased from our supplier and used to generate electricity. The EFA rate is computed monthly according to a formula established by the Kentucky Public Service Commission. Duke Energy makes no profit on the EFA since it is based on the actual cost of fuel used to generate electricity. The amount of the EFA is included in your total bill.

**BILLING OR SERVICE INQUIRIES**

If you have a question about your bill or service, call us at 1-800-544-6900. You may also write to our Customer Services Department at P.O. Box 960, Mail Drop 309C, Cincinnati, OH 45201, contact us by fax at 1-800-356-4704, or e-mail us at [www.duke-energy.com](http://www.duke-energy.com). Rate schedules and service regulations are available upon request.

**SECURITY DEPOSIT INFORMATION**

If the utility will or may retain either an equal or calculated deposit for more than eighteen (18) months, at the customer's request, the deposit will be calculated every eighteen (18) months based on actual usage of the customer. If the deposit on account differs by more than ten (10) dollars for residential customers, or by more than ten (10) percent for nonresidential customers, from the deposit calculated on actual usage, then the utility shall refund any over-collection and may collect any overpayment.

**BUSINESS HOURS**

**OFFICE HOURS:**

Cincinnati - 8:00 a.m. - 5:00p.m, Monday - Friday  
Erlanger - 8:00 a.m. - 5:00 p.m, Monday - Friday

Payments and Customer Service are not offered at either location

For Correspondence: PO Box 1326 Cheriotte, NC 28201

**SERVICE EMERGENCY NUMBERS**

Gas Trouble - 1-800-634-4300  
Electric Trouble - 1-800-543-5599

	KY, P.S.C. Electric No. 2
Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018	First Revised Sheet No. 01 Cancelling and Superseding Original Sheet No. 01 Page 1 of 1

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**TABLE OF CONTENTS**

Tariff Sheet No. Series	Description	Summary of Applicability*
-	Title Page	
01	Table of Contents	
10	Index to Tariff Schedules and Communities Served	Complete list of available tariffs by Sheet No. and municipalities and counties served.
20	Service Regulations	Set of rules and regulations of the Company for providing electric service as approved by the Kentucky Public Service Commission.
30	Residential Service	Tariffs available to residential customers unless the customer is provided three phase service.
40	Distribution Voltage Service	Tariffs available, principally, to non-residential customers receiving service at 34,500 volts or lower; available to residential customers who request either three phase service or a second point of service.
50	Transmission Voltage Service	Tariffs available, principally, to non-residential customers receiving service at 69,000 volts or higher.
60	Lighting Service	Tariffs available for lighting of areas of a public or private nature.
70	Optional Riders	Riders necessary to determine total amount of monthly bill to customers under special circumstances.
80	Fuel Riders	Riders necessary to determine total amount of monthly bill to all customers receiving electric service.
90	Miscellaneous	Miscellaneous periodic charges not reflected in standard service tariffs.

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\* To determine applicability, available tariff and Company's Service Regulations and other rules and regulations should be reviewed and discussed with the Company.

Issued by authority of an Order of the Kentucky Public Service Commission dated, 20, in Case No. 2017-00.  
Issued: September 1, 2017. Effective: October 1, 2017.

Issued by James P. Henning, President

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Duke Energy Kentucky, Inc.  
 4580 Olympic Blvd.  
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
 Sixty-Sixth Revised Sheet No. 10  
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INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED

	Sheet No.	Effective Date		
<b>SERVICE REGULATIONS</b>				
Service Agreements.....	20	01/02/07		Deleted: 01/02/07
Supplying and Taking of Service.....	21	01/02/07		Deleted: 01/02/07
Customer's Installations.....	22	01/02/07		Deleted: 08/30
Company's Installation.....	23	01/02/07		Deleted: 08/30
Metering.....	24	10/01/17	(T)	Deleted: 08/30
Billing and Payment.....	25	10/01/17	(T)	Deleted: 08/30
Deposits.....	26	01/02/07		Deleted: 08/30
Application of Service Regulations.....	27	01/02/07		Deleted: 08/30
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Rate RS, Residential Service.....	30	10/01/17	(T)	Deleted: 08/30
Reserved for Future Use.....	31-39			Deleted: 08/30
<b>DISTRIBUTION VOLTAGE SERVICE</b>				
Rate DS, Service at Secondary Distribution Voltage.....	40	10/01/17	(T)	Deleted: 01/02
Rate DT, Time-of-Day Rate For Service at Distribution Voltage.....	41	10/01/17	(T)	Deleted: 0
Rate EH, Optional Rate for Electric Space Heating.....	42	10/01/17	(T)	Deleted: 01/02
Rate SP, Seasonal Sports Service.....	43	10/01/17	(T)	Deleted: 0
Rate GS-FL, General Service Rate for Small Fixed Loads.....	44	10/01/17	(T)	Deleted: 08/30
Rate DP, Service at Primary Distribution Voltage.....	45	10/01/17	(T)	Deleted: 08/30
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<b>TRANSMISSION VOLTAGE SERVICE</b>				
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Rate TT, Time-of-Day Rate for Service at Transmission Voltage.....	51	10/01/17	(T)	Deleted: 64
Reserved for Future Use.....	52-57			Deleted: Rate OL, Outdoor Lighting Service.....
Rider GSS, Generation Support Service.....	58	10/01/17	(T)	Deleted: 65
Rate RTP-M, Real Time Pricing – Market Based Pricing.....	59	10/01/17	(T)	Deleted: 08/30/17
<b>LIGHTING SERVICE</b>				
Rate SL, Street Lighting Service.....	60	10/01/17	(T)	Deleted: 08/30
Rate TL, Traffic Lighting Service.....	61	10/01/17	(T)	Deleted: Rate NSP, Private Outdoor Lighting for Non-Standard Units.....
Rate UOLS, Unmetered Outdoor Lighting.....	62	10/01/17	(T)	Deleted: 67
Rate OL-E, Outdoor Lighting Equipment Installation.....	63	01/02/07		Deleted: 08/30/17
Rate LED, Outdoor LED Lighting Service.....	64	10/01/17	(N)	Deleted: 08/30
Reserved for Future Use.....	65		(D)	Deleted: 08/30
Rate NSU, Street Lighting Service for Non-Standard Units.....	66	10/01/17	(T)	Deleted: 08/30
Reserved for Future Use.....	67		(D)	Deleted: <object>
Rate SC, Street Lighting Service – Customer Owned.....	68	10/01/17	(T)	Deleted:
Rate SE, Street Lighting Service – Overhead Equivalent.....	69	10/01/17	(T)	Deleted: July 31
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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018	KY.P.S.C. Electric No. 2 Sixty-Sixth Revised Sheet No. 10 Cancels and Supersedes Sixty-Fifth Revised Sheet No. 10 Page 2 of 4	(T) Deleted: Fifth (T) Deleted: Fourth
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**INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)**

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Rider TS, Temporary Service.....	71	01/02/07		
Rider X, Line Extension.....	72	01/02/07		
Rider LM, Load Management Rider.....	73	10/01/17	(T)	Deleted: 01/02/07
Rider AMO, Advanced Meter Opt-out - Residential.....	74	08/01/17		Deleted:
Rider DSM, Demand Side Management Cost Recovery Program.....	75	01/02/07		
Rider ESM, Environmental Surcharge Mechanism.....	76	10/01/17	(N) (D) (D)	Formatted: Font: (Default) Arial, 9 pt Deleted: Reserved for Future Use
Rider PLM, Peak Load Management Program.....	77	01/02/07		Deleted: 76
Rider DSMR, Demand Side Management Rate.....	78	06/26/17		
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Reserved for Future Use.....	81			
Rider PSM, Off-System Sales Profit Sharing Mechanism.....	82	10/01/17	(T)	Formatted: Font: (Default) Arial, 9 pt
Reserved for Future Use.....	83			Deleted: 06/01
Reserved for Future Use.....	84			
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Rider DIR, Development Incentive Rider.....	86	01/02/07		
Reserved for Future Use.....	87			
Rider GP, Green Power Rider.....	88	03/03/10		Deleted: 01/02/07
Rider NM, Net Metering Rider.....	89	05/03/09		Deleted: CATV
<b>MISCELLANEOUS</b>				
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Charge for Reconnection of Service.....	91	10/01/17	(T)	Deleted: Rate for Pole Attachments of Cable Television ¶
Rate DPA, Distribution Pole Attachments.....	92	10/01/17	(T)	Deleted: 01/02/07
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Cogeneration And Small Power Production Sale and Purchase - Greater Than 100 kW.....	94	10/01/17	(T)	Deleted: 01/02/07
Local Franchise Fee.....	95	01/02/07	(T)	Deleted: 01/02/07
Rate UDP-R, Underground Residential Distribution Policy.....	96	10/01/17	(T)	Deleted: 01/02/07
Rate UDP-G, General Underground Distribution Policy.....	97	10/01/17	(T)	Deleted: 01/02/07
Electricity Emergency Procedures for Long Term Fuel Shortages.....	98	10/01/17	(T)	Deleted: 01/02/09
Rate RTP, Real Time Pricing Program.....	99	10/01/17	(T)	Deleted: 01/02/07
Emergency Electric Procedures.....	100	10/01/17	(T)	Deleted: 01/02/07
Rate MDC, Meter Data Charges.....	101	10/01/17	(T)	Deleted: <object>
Residential Comprehensive Energy Education Program (NEED)	103	04/30/12	(T)	Deleted:
Residential Smart Saver	104	04/30/12	(T)	Deleted: July 31
Residential Conservation and Energy Education	106	04/30/12		Deleted: 00005
Residential Direct Load Control - Power Manager Program	108	04/30/12		Deleted: August 18
Residential Home Energy House Call	109	04/30/12		Deleted: August 30
Energy Star Products	110	04/30/12		
CI High Efficiency Incentive	113	04/30/12		
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Effective: October 1, 2017 (T)				
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<p>Duke Energy Kentucky, Inc.  4580 Olympic Blvd.  Erlanger, Kentucky 41018</p>	<p>KY.P.S.C. Electric No. 2  <del>Sixty-Sixth</del>, Revised Sheet No. 10  Cancels and Supersedes  <del>Sixty-Fifth</del>, Revised Sheet No. 10  Page 3 of 4</p>	<p>(T) Deleted: Fifth  (T) Deleted: Fourth</p>
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Rider FTR, FERC Transmission Reconciliation Rider	<del>126</del>	<del>10/01/17</del>

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**INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED**

**COMMUNITIES SERVED:**

Alexandria	Highland Heights
Bellevue	Independence
Boone County	Kenton County
Bromley	Kenton Vale
Campbell County	Lakeside Park
Cold Spring	Latonia Lakes
Covington	Ludlow
Crescent Park	Melbourne
Crescent Springs	Newport
Crestview	Park Hills
Crestview Hills	Pendleton County
Crittenden	Ryland Heights
Dayton	Silver Grove
Dry Ridge	Southgate
Edgewood	Taylor Mill
Elsmere	Union
Erlanger	Vilia Hills
Fairview	Walton
Florence	Wilder
Fort Mitchell	
Fort Thomas	Woodlawn
Fort Wright	
Grant County	

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KY. P.S.C. Electric No. 2  
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**SERVICE REGULATIONS**

**SECTION I - SERVICE AGREEMENTS**

**1. Application for Service.**

When a prospective customer desires electric service, an oral application may be accepted by the Company. However, a written application may be required in special circumstances (e.g., the necessity of using special apparatus in providing the requested service).

**2. Customer's Right to Cancel Service Agreement or to Suspend Service.**

Except as otherwise provided in the Service Agreement, Rate Schedules or elsewhere in these Service Regulations, Customer may give Company ten days notice of desire to cancel the Service Agreement whenever he no longer requires any electric service for the purpose mentioned in said Agreement. Company will accept such notice as a cancellation of the Service Agreement upon being satisfied that Customer no longer requires any such service.

**3. Company's Right to Cancel Service Agreement or to Suspend Service.**

Company, in addition to all other legal remedies, shall terminate the Service Agreement, refuse or discontinue service to an applicant or customer, after proper notice for any of the following reasons:

- (a) Default or breach of these Service Regulations, after having made a reasonable effort to obtain customer compliance.
- (b) Non-payment of bills when due.
- (c) Theft, fraudulent representation or concealment in relation to the use of electricity.
- (d) Use of electricity, by the customer, in a manner detrimental to the service rendered others.
- (e) Upon the basis of a lawful order of the Kentucky Public Service Commission, the State of Kentucky or any governmental subdivision thereof having jurisdiction over the premise.
- (f) When a customer or applicant refuses or neglects to provide reasonable access to the premise.

When a dangerous condition is found to exist on the customer's or applicant's premises, the electric service shall be disconnected without notice, or application for service refused. The Company shall notify the customer or applicant within twenty-four (24) hours of such action, in writing, of the reasons for the discontinuance or refusal of service and the corrective action to be taken by the applicant or customer before service can be restored.

If discontinuance is for non-payment of bills, the customer shall be given at least ten (10) days written notice, separate from the original bill, and cut-off shall be effected not less than twenty-seven (27) days after the mailing date of the original bill unless, prior to discontinuance, a residential customer presents to the utility a written certificate, signed by a physician, registered nurse, or public health officer, that such discontinuance will aggravate an existing illness or infirmity on the affected premises, in which case discontinuance may be effected not less than thirty (30) days from the termination date, in writing, of state and federal programs which may be available to aid in payment of bills and the office to contact for such possible assistance.

**SECTION I - SERVICE AGREEMENTS (Contd.)**

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Whenever a residential customer receiving both gas and electric has received a termination of service notice, the customer shall be given the option to pay for and continue receipt of one utility service only. The Company shall offer extended payment arrangements for the service designated by the customer. If both the gas and electric service of a residential customer have been previously discontinued for non-payment, the Company shall reconnect either service upon payment by the customer of the total amount owed on the service designated by the customer to be reconnected, except as provided in 807 KAR 5:006, Section 15, Winter Hardship Reconnection.

4. Connection of Service.

Except as provided in SECTION 15 of the Kentucky Public Service Commission's regulations, the Company shall reconnect existing service within twenty-four (24) hours, and shall install and connect new service within seventy-two (72) hours, when the cause for discontinuance or refusal of service has been corrected and the Company's tariffed rules and the Commission's regulations have been met.

5. Change of Address to Customer.

When Customer changes his address he should give notice thereof to Company prior to the date of change. Customer is responsible for all service supplied to the vacated premises until such notice has been received and Company has had a reasonable time, but not less than three days, to discontinue service.

If Customer moves to an address at which he requires electric service for any purposes specified in his Service Agreement, and at which address Company has such service available under the same Rate Schedule, the notice is considered as Customer's request that Company transfer such service to the new address, but if Company does not have such service available at the new address the old Service Agreement is considered cancelled. If Company does have service available at the new address to which a different Rate Schedule applies, a new Service Agreement including the applicable Rate Schedule is offered to Customer. Company makes transfer of service as promptly as reasonably possible after receipt of notice.

6. Successors and Assigns.

The benefits and obligations of the Service Agreement shall inure to and be binding upon the successors and assigns, survivors and executors of administrators, as the case may be, of the original parties thereto, for the full term thereof; provided that no assignment hereof shall be made by Customer without first obtaining Company's written consent.

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KY.P.S.C. Electric No. 2  
Second Revised Sheet No. 21  
Cancelling and Superseding  
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**SECTION II - SUPPLYING AND TAKING OF SERVICE**

**1. Supplying of Service.**

Service is supplied only under and pursuant to these Service Regulations and any modifications or additions thereto lawfully made, and such applicable Rate Schedules and Riders as may from time to time be lawfully fixed. Service is supplied under a given Rate Schedule only at such points of delivery as are adequate and suitable, as to capacity and voltage, for the service desired; otherwise special agreements between Customer and Company may be required.

Service will not be supplied or continued to any premises if the applicant or customer is indebted to the Company for service previously supplied at the same or any other premises until payment of such indebtedness shall have been made. Unpaid balances of previously rendered Final Bills may be transferred to any account for which the customer has responsibility and may be included on initial or subsequent bills for the account to which the transfer was made. Such transferred Final Bills, if unpaid, will be a part of the past due balance of the account to which they are transferred and will be subject to the Company's collection and disconnection procedures. Final Bills may be transferred regardless of whether they are for combination gas and electric or gas only or electric only charges. The Company shall have the right to transfer Final Bills between residential and commercial with residential characteristics (e.g., service supplying common use facilities of any apartment building) revenue classifications.

Notwithstanding the provisions of 807 KAR 5:006, Section 15, Winter Hardship Reconnection to the Contrary, service will not be supplied or continued to any premises if at the time of application for service the applicant is merely acting as an agent of a present or former customer who is indebted to the Company for service previously supplied at the same or other premises until payment of such indebtedness shall have been made. Service will not be supplied where the applicant is a partnership or corporation whose general partner or controlling stockholder is a present or former customer who is indebted to the Company for service previously supplied at the same premises until payment of such indebtedness shall have been made.

**2. Information Relative to Service.**

Information relative to the service that will be supplied at a given location should be obtained from Company. Company will not be responsible for mistakes of any kind resulting from information given orally. Such information must be confirmed in writing.

**3. Continuity of Service.**

The Company shall make reasonable provisions to supply satisfactory and continuous electric service, but does not guarantee a constant or uninterrupted supply of electricity and shall not be liable for any damage or claim of damage attributable to any interruption or reversal of service caused by unavoidable accident or casualty, extraordinary action of the elements, action of any governmental authority, litigation, or by any cause which the Company could not have reasonably foreseen and made provision against.

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**SECTION II - SUPPLYING AND TAKING OF SERVICE (Contd.)**

**4. Suspension of Service for Repairs and Changes.**

When necessary to make repairs to or changes in Company's plant, generating equipment, transmission or distribution system, or other property, Company may without incurring any liability therefor, suspend service for such periods as may be reasonably necessary, and in such manner as not to inconvenience Customer unnecessarily.

**5. Use of Service.**

Service is supplied directly to Customer through Company's own meter and is to be used by Customer only for the purposes specified in and in accordance with the provisions of the Service Agreement and applicable Rate Schedule. Service is for Customer's use only and under no circumstances may Customer or Customer's agent or any other individual, association or corporation install meters for the purpose of remetering or reselling or otherwise disposing of service supplied Customer except as follows:

- (a) If on November 10, 1953, Customer was engaged in resale under a rate which permitted resale, the Company will continue to furnish electricity for resale at the same premises under the applicable effective rate schedule only on the condition that any charge made by Customer for service resold shall not exceed the charge determined in accordance with Company's applicable rate, as in effect from time to time, for like service, until and unless otherwise ordered by the Kentucky Public Service Commission.
- (b) Customer operating an automobile trailer camp, with consent of Company may install meters and resell electricity to individual trailers only on the same condition in respect to charges as stated in paragraph (a), above.

Customer will not build lines across or under a street, alley, lane, court or avenue or other public or private space in order to obtain service for adjacent property through one meter even though such adjacent property be owned by Customer. Consent may be given when such adjacent properties are operated as one integral unit under the same name and for carrying on parts of the same business.

In case of unauthorized remetering, sale, extension or other disposition of service, Company may immediately discontinue the supplying of service to Customer until such unauthorized act is discontinued and full payment is made for all service supplied or used, billed on proper classification and Rate Schedule, and reimbursement in full made to Company for all extra expenses incurred, including expenses for clerical work, testing and inspections.

No other electric light or power service, shall, except under a contract for auxiliary or supplementary service, be used by Customer on the same installation in conjunction with Company's service, either by means of a "Throwover" switch or any other connection.

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**SECTION II - SUPPLYING AND TAKING OF SERVICE (Contd.)**

**6. Customer's Responsibility.**

Customer assumes all responsibility on Customer's side of the point of delivery (the end of the Company's service drop, or where Company's wires are joined to Customer's wires or apparatus) for the service supplied or taken, as well as for the electrical installation, appliances and apparatus used in connection therewith, and will save Company harmless from and against all claims for injury or damage to persons or property occasioned by or in any way resulting from such service or the use thereof on Customer's side of the point of delivery.

**7. Right-of-Way.**

Customer is responsible for all conveyances to Company for all right-of-way satisfactory to it across the property owned or controlled by Customer for Company's lines or extensions thereof necessary or incidental to the supplying of service to Customer, or customers beyond Customer's property when such rights are limited to installations along dedicated streets and roads.

**8. Access to Premises.**

The properly authorized agents of the Company shall at all reasonable hours have free access to the premises for the purpose of inspecting the Customer's installation and of examining, repairing or removing the Company's meters, or other property, reading of meters and all other purposes incident to the supplying of service, and for such purpose the Customer authorizes and requests his landlord, if any, to permit such access to the premises.

**9. Location of Customer's Service Terminals.**

Customer's service terminals are to be located at a point readily accessible to Company's service mains, such point to be determined by Company.

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Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, in Case No. 2017-00321.

Issued: September 1, 2017

Effective: October 1, 2017

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Second Revised Sheet No. 22  
Cancelling and Superseding  
First Revised Sheet No. 22  
Page 1 of 1

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**SECTION III - CUSTOMER'S INSTALLATIONS**

**1. Nature and Use of Installation.**

All wiring and other electrical equipment in the premises or connecting the premises with Company's service, furnished by the Customer, shall be suitable for the purposes thereof, and shall be maintained by Customer at all times in conformity with the safety requirements of the accredited agency having jurisdiction and with the rules, regulations and requirements of Company in force from time to time.

**2. Low Power Factor Equipment Installation.**

In the case of neon lamps, mercury vapor lamps, and other gaseous tube lamps or devices, motors and other equipment having low power factors, served under the Company's standard rate schedules, not having Power Factor Correction Provision, the Customer will be required to provide at his own expense power factor corrective equipment designed to increase the power factor of any such lamps or devices, motors and other equipment to not less than .85.

When the power factor of any such equipment on the Customer's premises is less than .85, the following provision will apply:

- (a) When the billing demand is determined by estimate based on the connected load of the Customer's installation, the wattage of such equipment will be taken as the volt ampere input or rating of such equipment.
- (b) When the billing demand is measured by demand instruments, to the demand so established will be added the difference between the rating in watts of such equipment, and the input or rating of such equipment in volt amperes.

**3. Special Power Apparatus.**

In the case of hoists, elevators, welding machines or other installations, where the use of electricity is intermittent or subject to violent fluctuations, Company reserves the right to use the input rating or the metered instantaneous demand of such equipment under maximum operating conditions, for billing purposes, or to require the Customer to provide at his own expense, suitable equipment to reasonably limit such intermittence or fluctuation.

**4. Changes in Installations.**

As Company's service drops, transformers, meters, and other facilities used in supplying service to Customer have a limited capacity, Customer should give notice to Company, and obtain Company's consent, before making any material changes or increases in his installation. Company as promptly as possible after receipt of such notice will give its written approval to the proposed change or increase, or will advise Customer upon what conditions service can be supplied for such change or increase. Any change affecting an estimated billing demand shall be rerated by Company's inspector and shall become effective from the succeeding meter reading.

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~~First Revised Sheet No. 23~~  
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**SECTION IV - COMPANY'S INSTALLATION**

**1. Installation and Maintenance.**

Except as otherwise provided in these Service Regulations, in Service Agreements or Rate Schedules, Company will install and maintain its lines and equipment on its side of the point of delivery, but shall not be required to install or maintain any lines or equipment, except meters, or transformers, on Customer's side of the point of delivery without cost to Customer. Only Company's agents are authorized to connect Company's service drop to Customer's service terminals.

Company installs its overhead service drop, supplies one set of service drop attachment fittings and makes connection to Customer's service terminals.

The rates for each class of service provided for in the Rate Schedules contemplate the furnishing of service to one location or premise through one standard service connection. Where Customer is receiving service through more than one standard service connection, Company will calculate and render a separate bill for service furnished through each service connection.

Subject to the rules, conditions and riders covering the installation of service connections and extensions, Company will make one standard service connection to Customer's installation; if three phase service is required an additional connection is necessary, both will be considered as one standard service connection.

**2. Company's Property and Protection Thereof.**

All meters, and equipment furnished by and at the expense of Company, which may at any time be in said premises, shall, unless otherwise provided herein, be and remain the property of Company, and Customer shall protect such property from loss or damage, and no one who is not an agent of Company shall be permitted to remove or handle same.

**3. Relocation of Facilities**

When a customer or private party requests the Company to relocate the Company's facilities or a customer's service entrance wiring, such requesting party shall pay all expenses related to such relocation.

When the Company relocates its facilities or a customer's service entrance wiring at the request of a governmental entity (or Administrating Agency) and if the relocation was related to a project financed through transportation improvement district funding, joint economic development district funding, tax increment funding, or similar quasi-public funding, then the governmental entity (or Administrating Agency) shall pay for the cost of relocating Company's facilities in direct proportion to the contributions received from the other funding sources.

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**SECTION V - METERING**

**1. Installation of Meters.**

Electricity will be measured by a meter or meters to be installed by Company upon Customer's premises at a point most convenient for Company's service drop, and upon the registration of said meter or meters all bills will be calculated. Company will install upon customer's premises but one meter or one unified set of meters of each standard service connection.

**2. Meter Tests.**

All meter tests shall be made in accordance with rules by the Kentucky Public Service Commission.

Upon written request by customer, the Company shall perform a meter test if the request is not made more frequently than once a year.

**3. Monitoring of Customer Usage.**

Each month the Company will monitor the usage of each customer according to the following procedure:

1. The customer's monthly usage is monitored through a "hi-lo" review process ~~(that will incorporate customer past usage and other related information to provide an expected level of usage.~~
2. If there is a substantial difference between the actual and estimated usages, the account will be reviewed manually to determine the appropriate usage level.
3. ~~Where the difference is not otherwise explained, the Company may obtain a special meter read to verify the accuracy of the previous usage.~~
4. ~~Where the difference is still unexplainable after taking the special meter read, the Company may test the customer's meter to determine its accuracy.~~
5. ~~The Company will notify the customer of the investigation, its findings, and any refund or back billing to be made, in accordance with 807 KAR 5:006, Section 10 (4) and (5).~~

In addition to the monthly monitoring, the Company will immediately investigate the usage deviations brought to its attention as a result of its on-going meter reading or billing processes or customer inquiry.

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KY.P.S.C. Electric No. 2  
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**SECTION VI - BILLING AND PAYMENT**

**1. Billing Periods - Time and Place for Payment of Bills.**

Bills ordinarily are rendered regularly at monthly intervals, but may be rendered more or less frequently at Company's option. Bills may be rendered by hand delivery, mail, electronically, or by any other reasonable means. If bills are rendered electronically then a charge not to exceed \$0.25 per usage may be assessed. Non-receipt of bills by customer does not release or diminish the obligation of Customer with respect to payment thereof.

The word "month" as it pertains to the supply of service shall mean the period of approximately thirty days between meter readings as fixed and made by Company. Meters are ordinarily read at monthly intervals but may be read more or less frequently at Company's option but no less than quarterly. Company shall have the right to establish billing districts for the purpose of reading meters and rendering bills to customers at various dates. A change or revision of any Rate Schedule shall be applicable to all bills on which the initial monthly meter reading was taken on or after the effective date of such change or revision, except as otherwise ordered by the Kentucky Public Service Commission.

Bills are due on the date indicated thereon as being the last date for payment of the net amount, or as otherwise agreed to, and bills are payable only at the Company's offices or authorized agencies for collection. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5% is due and payable. If a partial payment is made, the amount will be applied to items of indebtedness in the same order as they have accrued, except that any payment received shall first be applied to the bill for service rendered.

The Company may issue interim bills based on average normal usage instead of determining actual usage by reading the meter. Interim bills may also be used when access to Company's meter cannot be obtained or emergency conditions exist.

**2. Information on Customer Bills.**

Every bill rendered by the Company for metered service will clearly state:

- (a) The beginning and ending meter readings for the billing period and the dates thereof.
- (b) The amount of energy usage.
- (c) The amount due for the energy used, any adjustments, including assessed late payment charges, and the gross amount of the bill.
- (d) The rate code under which the customer is billed.
- (e) The date of the last day payment can be made without a late payment charge being assessed.
- (f) Any previous balance.
- (g) The address, phone number, and business hours of the Company.
- (h) The date of the next scheduled meter reading.
- (i) The date after which received payments are not reflected in the bill.
- (j) The type of service rendered (gas or electric).
- (k) The amount, and identification, of any tax or fee the Company is authorized either by state law or order of the Commission to collect.

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KY.P.S.C. Electric No. 2  
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**SECTION VI - BILLING AND PAYMENT (Contd.)**

**3. Charge for Restoring Service for Non-Payment of Bill and Unlawful Use of Service.**

Company may charge and collect in advance the sum as specified on Tariff Sheet "Charge for Reconnection of Service" for reconnecting a customer's service after service is disconnected because of non-payment of bill when due or when service is discontinued because of fraudulent use, except as may be provided by 807 KAR 5:006, Section 15, Winter Hardship Reconnection.

**4. Temporary Discontinuance of Service.**

If any customer on a residential rate, because of absence or otherwise, shall notify Company in writing or by telephone to discontinue service, Company will make no minimum charge for any full meter reading period during the period of discontinuance; provided, however, that Company may charge and collect the sum as specified on Tariff Sheet "Charge for Reconnection of Service" prior to reconnecting a service which was discontinued at customer's request within the preceding twelve months.

**5. Selection of Rate Schedule.**

When a prospective customer makes application for service, Company will, upon request, assist in the selection of the Rate Schedule most favorable to customer or the service requested. The selection will be based on the prospective customer's statement as to the class of service desired, the amount and manner of use, and any other pertinent information.

**6. Change to Optional Rate Schedule.**

A customer being billed under one of two or more optional Rate Schedules applicable to his class of service may elect to be billed on any other applicable Rate Schedule by notifying Company in writing, and Company will bill customer under such elected Schedule from and after the date of the next meter reading. However, a customer having made such a change of Rate Schedule may not make another such change within the next twelve months. ~~At the Company's option, Company may allow another such change within the next twelve months if customer complies with applicable early termination provisions specified in the Rate Schedule.~~

**7. Availability of Budget Billing and Fixed Bill.**

Company has available to its customers a "Budget Billing Plan" ~~and a Fixed Bill payment option which reduce and minimize~~ billing amount fluctuations over a twelve month period. The Company may exercise discretion as to the availability of such plans to a customer based on reasonable criteria, including but not limited to:

- (a) Customer's recent payment history.
- (b) The amount of the delinquent account.
- (c) Customer's payment performance in respect to any prior arrangements or plans.
- (d) Any other relevant factors concerning the circumstances of the customer including health and age.

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**SECTION VI - BILLING AND PAYMENT (Contd.)**

If the customer fails to pay bills as rendered under the Budget Payment Plan or Fixed Bill rate schedule, the Company reserves the right to revoke the plan, restore the customer to regular billing and require immediate payment of any deficiency.

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Failure to receive a bill in no way exempts customer from the provisions of these terms and conditions.

**8. Partial payment Plans.**

The Company shall negotiate and accept reasonable partial payment plans at the request of residential customers who have received a termination notice according to the regulations governing failure to pay, except the Company shall not be required to negotiate a partial payment plan with a customer who is delinquent under a previous payment plan.

**9. Bill Format.**

The Company has included as Appendix A to these Service Regulations an example of the Company's customer bill format.

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Duke Energy Kentucky, Inc.  
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KY.P.S.C. Electric No. 2  
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**SECTION VII - DEPOSITS**

**1. Deposits.**

The Company may require a minimum cash deposit or other guaranty to secure payment of bills except for customers qualifying for service reconnection pursuant to 807 KAR 5:006, Section 15, Winter Hardship Reconnection. Service may be refused or discontinued for failure to pay the requested deposit. Interest, as prescribed by KRS 278.460, will be paid annually either by refund or credit to the customer's bill.

The deposit may be waived by the Company upon a customer's showing of satisfactory credit or payment history, and required residential service deposits will be returned after one (1) year if the customer has established a satisfactory payment record for that period; but commercial deposits will be retained during the entire time that the account remains active. If a deposit has been waived or returned and the customer fails to maintain a satisfactory payment record, a deposit may then be required. The Company may require a deposit in addition to the initial deposit if the customer's classification of service changes or if there is a substantial change in usage. Upon termination of service, the deposit, any principal amounts, and any interest earned and owing will be credited to the final bill with any remainder refunded to the customer.

In determining whether a deposit will be required or waived, information such as the following may be considered:

1. Previous history with the Company. If the customer has no previous history with the Company, statements from other utilities, banks, etc. may be presented by the customer as evidence of good credit.
2. Whether the customer has filed bankruptcy proceedings within the last seven years.
3. Whether another customer with a good payment history is willing to sign as a guarantor for an amount equal to the required deposit.

A security deposit will be required pursuant to 11 U.S.C. Section 366 in all bankruptcies where the Company is listed as a creditor.

If a deposit is held longer than 18 months, the deposit will be recalculated at the customer's request based on the customer's actual usage. If the deposit on account differs from the recalculated amount by more than \$10.00 for a residential customer or 10 percent for a non-residential customer, the Company may collect any underpayment and shall refund any overpayment by check or credit to the customer's bill. No refund will be made if the customer's bill is delinquent at the time of the recalculation.

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**SECTION VII - DEPOSITS (Contd.)**

**2. All Calculated Deposits.**

Customer deposits shall be based upon actual usage of the customer at the same or similar premises for the most recent 12-month period, if such information is available. If usage information is not available, the deposit will be based on the average bills of similar customers and premises in the system. The deposit amount shall not exceed two-twelfths (2/12) of the customer's actual or estimated annual bill.

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**SECTION VIII - APPLICATION**

**1. Application of Service Regulations and Rate Schedules.**

All Service Agreements at present in effect or that may be entered into in the future are made expressly subject to these Service Regulations and any modifications hereof that may be lawfully made, and subject to all applicable existing Rate Schedules and any lawfully made change therein, substitutions therefore or additions thereto.

**2. Agents Cannot Modify Agreement.**

No agent has the right to amend, modify or alter the application, rates terms, conditions, rules or regulations as filed with the Kentucky Public Service Commission, or to make any promise or representation not contained in the Company's schedules, supplements thereto and revisions thereof, lawfully filed with said commission.

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**RATE RS**

**RESIDENTIAL SERVICE**

**APPLICABILITY**

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

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

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

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

Computed in accordance with the following charges:

- 1. Base Rate
  - (a) Customer Charge \$11.22 per month
  - (b) Energy Charge \$0.083908 per kWh

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2. Applicable Riders

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

- ~~Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider~~
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- ~~Sheet No. 125, Rider DCI, Distribution Capital Investment Rider~~
- ~~Sheet No. 125, Rider FTR, FERC Transmission Cost Reconciliation Rider~~

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

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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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**RATE DS**

**SERVICE AT SECONDARY DISTRIBUTION VOLTAGE**

**APPLICABILITY**

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

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, and all applicable riders, shall not exceed \$0.271528 per kilowatt-hour (kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

**1. Base Rate**

(a) Customer Charge per month

Single Phase Service	<del>17.14</del>	per month
Three Phase Service	\$ <del>34.28</del>	per month

(b) Demand Charge

First 15 kilowatts	\$ 0.00	per kW
Additional kilowatts	\$ <del>8.73</del>	per kW

(c) Energy Charge

First 6,000 kWh	\$0.091917	per kWh
Next 300 kWh/kW	\$0.056425	per kWh
Additional kWh	\$0.046204	per kWh

**2. Applicable Riders**

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

- ~~Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider~~
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- ~~Sheet No. 125, Rider DCI, Distribution Capital Investment Rider~~
- ~~Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider~~

The minimum charge shall be the Customer Charge shown above.

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Issued by authority of an Order of the Kentucky Public Service Commission dated, 2017 in Case No. 2017-00321

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Issued: ~~September 1, 2017~~

Effective: ~~October 1, 2017~~

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
~~Eighth~~ Revised Sheet No. 40  
Cancels and Supersedes  
~~Seventh~~ Revised Sheet No. 40  
Page 2 of 3

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For customers receiving service under the provisions of former Rate C, Optional Rate for Churches, as of June 25, 1981, the maximum monthly rate per kilowatt-hour shall not exceed \$0.166694 per kilowatt-hour plus all applicable riders.

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**NET MONTHLY BILL (Cont'd)**

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

**METERING**

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

**DEMAND**

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

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

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

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

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

**POWER FACTOR ADJUSTMENT**

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

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

- a. Continuous measurement

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- the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or

**POWER FACTOR ADJUSTMENT (Cont'd)**

b. Testing

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

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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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

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

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

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RATE DT

TIME-OF-DAY RATE FOR SERVICE AT DISTRIBUTION VOLTAGE

APPLICABILITY

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

1. Base Rate

(a) Customer Charge

Single Phase	\$200.00 per month
Three Phase	\$400.00 per month
Primary Voltage Service	\$465.00 per month

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(b) Demand Charge

Summer	
On Peak kW	\$ 14.39 per kW
Off Peak kW	\$ 1.30 per kW

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Winter	
On Peak kW	\$ 13.62 per kW
Off Peak kW	\$ 1.30 per kW

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(c) Energy Charge

Summer On Peak kWh	\$0.049875 per kWh
Winter On Peak kWh	\$0.047612 per kWh
Off Peak kWh	\$0.040844 per kWh

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 Eighth Revised Sheet No. 41  
 Cancels and Supersedes  
 Seventh Revised Sheet No. 41  
 Page 2 of 4

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2. Applicable Riders

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- Sheet No. 125, Rider DCI, Distribution Capital Investment Rider
- Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider

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

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

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

RATING PERIODS

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

- a) On Peak Period  
 Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays.  
 Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.
- b) Off Peak Period - All hours Monday through Friday not included above plus all day Saturday and Sunday, as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day and Christmas Day on the day nationally designated to be celebrated as such.

METERING

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

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

- First 1,000 kW of On Peak billing demand at \$0.73 per kW.
- Additional kW of On Peak billing demand at \$0.56 per kW.

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 Customers with annual load factors of 45% or lower are eligible to receive service at the following rates. Annual load factor is defined as the sum of the kWh during the prior year divided by the sum of the kW during the prior year divided by 730. This pilot program low load factor optional rate will remain in effect through December 31, 2007. The Company may apply to continue this pilot program beyond December 31, 2007, subject to Commission approval.

Base Rate	
(a) Customer Charge	
Single Phase per month	\$ 7.50
Three Phase per month	\$ 15.00
Primary Voltage Service	\$100.00 per month
(b) Demand Charge	
Summer	
On Peak kW per kW	\$ 11.90
Off Peak kW per kW	\$ 1.15
Winter	
On Peak kW per kW	\$ 10.54
Off Peak kW per kW	\$ 1.15
(c) Energy Charge	
Summer On Peak kWh	\$0.046857 per kWh
Winter On Peak	

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#### DEMAND

The On Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the on peak rating period adjusted for power factor as provided herein. The Off Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the off peak rating period adjusted for power factor minus the On Peak billing demand. In no case shall the Off Peak billing demand be less than zero.

#### POWER FACTOR ADJUSTMENT

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

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

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#### LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

#### TERMS AND CONDITIONS

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

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

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

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

For purposes of the administration of this rate, the Company will determine the customer's average monthly demand based upon the twelve months ending December of each year after the applicable term of service has been fulfilled by the customer. If the customer's demand is less than 500 kilowatts and the Company expects the customer's demand to remain below 500 kilowatts, then the Company will notify the customer prior to May of the succeeding year that the provisions of Rate DS, Service at Secondary Distribution Voltage or Rate DP, Service at Primary Distribution Voltage shall be applicable initiating with

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the June revenue month billing and shall continue until the term of service of that rate is fulfilled. In the case where a customer's average demand is estimated by the Company to be significantly greater than 500 kilowatts, the Company may, at its discretion, waive the twelve month demand history requirement in the determination of the applicability of this rate.

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

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018	KY.P.S.C. Electric No. 2 <del>Eighth Revised Sheet No. 42</del> (T) <span style="border: 1px solid black; padding: 2px;">ted: Seventh</span> Cancels and Supersedes <del>Seventh Revised Sheet No. 42</del> (T) <span style="border: 1px solid black; padding: 2px;">ted: Sixth</span> Page 1 of 2
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**RATE EH**

**OPTIONAL RATE FOR ELECTRIC SPACE HEATING**

**APPLICABILITY**

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

**TYPE OF SERVICE**

Alternating current 60 Hz, single or three phase at Company's standard distribution voltage of 34,500 volts or lower. (T) Deleted: secondary

**NET MONTHLY BILL**

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

**A. Winter Period**

**1. Base Rate**

(a) Customer Charge			
Single Phase Service	\$ 17.14	per month	(T) Deleted: 7.50
Three Phase Service	\$ 34.28	per month	(T) Deleted: 15.00
Primary Voltage Service	\$ 119.78	per month	(T) Deleted: 100.00
(b) Energy Charge			
All kWh	\$0.069947	per kWh	(T) Deleted: 061524

**2. Applicable Riders**

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

<del>Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider</del>	(N)	
Sheet No. 78, Rider DSMR, Demand Side Management Rider		
Sheet No. 80, Rider FAC, Fuel Adjustment Clause		
Sheet No. 82, Rider PSM, Profit Sharing Mechanism		
<del>Sheet No. 125, Rider DCI, Distribution Capital Investment Rider</del>		(T) Formatted: Indent: Left: 0", Hanging: 0.88"
<del>Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider</del>		(T) Deleted: Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider - Electric

The minimum charge shall be the Customer Charge stated above.

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**NET MONTHLY BILL (Contd.)**

**B. Summer Billing Period**

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

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

**DEMAND**

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

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018	KY.P.S.C. Electric No. 2 <del>Eighth Revised Sheet No. 43</del> (T) : Seventh Cancels and Supersedes <del>Seventh Revised Sheet No. 43</del> (T) : Sixth Page 1 of 2
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**RATE SP**

**SEASONAL SPORTS SERVICE**

**APPLICABILITY**

Applicable to electric service required for sports installations, such as football and baseball fields, swimming pools, tennis courts, and recreational areas, promoted, operated and maintained by non-profit organizations, such as schools, churches, civic clubs, service clubs, community groups, and municipalities, where such service is separately metered and supplied at one point of delivery, except, not applicable to private sports installations which are not open to the general public. This rate is available only to customers to whom service was supplied in accordance with its terms on June 25, 1981.

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

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

1. Base Rate

(a) Customer Charge	\$17.14 per month	Deleted: 7.50
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(b) Energy Charge	\$0.106568 per kWh	Deleted: 100598
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2. Applicable Riders

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

<del>Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider</del>	(N)
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Sheet No. 78, Rider DSMR, Demand Side Management Rider	
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Sheet No. 80, Rider FAC, Fuel Adjustment Clause	
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Sheet No. 82, Rider PSM, Profit Sharing Mechanism	
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<del>Sheet No. 125, Rider DCI, Distribution Capital Investment Rider</del>	(N)
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Sheet No. 125, Rider FTR, FERC Transmission Cost Reconciliation Rider	(N)
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The minimum charge shall be a sum equal to 1.5% of the Company's installed cost of transformers and metering equipment required to supply and measure service, but not less than the customer charge whether service is on or disconnected.

**RECONNECTION CHARGE**

A charge of \$25.00 is applicable to each season to cover in part the cost of reconnection of service.

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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

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**TERMS AND CONDITIONS**

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

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

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**RATE GS-FL**

**OPTIONAL UNMETERED GENERAL SERVICE RATE FOR SMALL FIXED LOADS**

**APPLICABILITY**

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

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

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

**1. Base Rate**

- (a) For loads based on a range of 540 to 720 hours use per month of the rated capacity of the connected equipment \$0.092698, per kWh
- (b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment \$0.105767, per kWh

**2. Applicable Riders**

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

- ~~Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider~~
- ~~Sheet No. 78, Rider DSMR, Demand Side Management Rider~~
- ~~Sheet No. 80, Rider FAC, Fuel Adjustment Clause~~
- ~~Sheet No. 82, Rider PSM, Profit Sharing Mechanism~~
- ~~Sheet No. 125, Rider DCI, Distribution Capital Investment Rider~~
- ~~Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider~~

Minimum: ~~\$3.14~~ per Fixed Load Location per month.

**LATE PAYMENT CHARGE**

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

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Issued: ~~September 1, 2017~~

Effective: ~~October 1, 2017~~

Issued by James P. Henning, President

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Duke Energy Kentucky, inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
~~Eighth~~ Revised Sheet No. 44  
Cancels and Supersedes  
~~Seventh~~ Revised Sheet No. 44  
Page 2 of 2

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Monthly Bill plus 5%, is due and payable.

**SERVICE PROVISIONS**

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

**TERM OF SERVICE**

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

**SERVICE REGULATIONS**

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

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Cancels and Supersedes  
~~Seventh~~, Revised Sheet No. 45  
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**RATE DP**

**SERVICE AT PRIMARY DISTRIBUTION VOLTAGE**

**APPLICABILITY**

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

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

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, electric fuel component charges and DSM Charge shall not exceed \$0.~~286198~~ per kilowatt-hour (Kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

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1. Base Rate

(a) Customer Charge Primary Voltage Service (12.5 or 34.5 kV)	\$ <u>118.78</u> per month
(b) Demand Charge All kilowatts	\$ <u>8.40</u> per kW
(c) Energy Charge First 300 kWh/kW Additional kWh	\$0. <del>060595</del> per kWh \$0. <del>051267</del> per kWh

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2. Applicable Riders

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- Sheet No. 125, Rider DCI, Distribution Capital Investment Rider
- Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider

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Commission dated, 2017 in Case No. 2017-~~00321~~, (T)

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KY.P.S.C. Electric No. 2  
~~Eighth~~, Revised Sheet No. 45  
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~~Seventh~~, Revised Sheet No. 45  
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The minimum charge shall be the Customer Charge shown above.

**PRIMARY VOLTAGE METERING DISCOUNT**

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

**DEMAND**

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

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

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

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

**POWER FACTOR ADJUSTMENT**

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

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

a. Continuous measurement

- the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or (T)

b. Testing

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

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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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

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

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

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

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Duke Energy Kentucky, Inc.  
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KY.P.S.C. Electric No. 2  
~~Eighth Revised Sheet No. 51~~ (T)  
Cancels and Supersedes  
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**RATE TT**

**TIME-OF-DAY RATE FOR SERVICE AT TRANSMISSION VOLTAGE**

**APPLICABILITY**

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

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

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

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

**1. Base Rate**

(a) Customer Charge \$ 500.00 per month

**(b) Demand Charge**

Summer

On Peak kW \$ ~~8.46~~ per kW

Off Peak kW \$ ~~1.28~~ per kW

Winter

On Peak kW \$ ~~6.95~~ per kW

Off Peak kW \$ ~~1.28~~ per kW

**(c) Energy Charge**

Summer

On Peak kWh \$ 0.054454 per kWh

Off Peak kWh \$ 0.044594 per kWh

Winter

On Peak kWh \$ 0.051983 per kWh

Off Peak kWh \$ 0.044594 per kWh

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**2. Applicable Riders**

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

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

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Sheet No. 78, Rider DSMR, Demand Side Management Rider  
Sheet No. 80, Rider FAC, Fuel Adjustment Clause  
~~Sheet No. 82, Rider PSM, Profit Sharing Mechanism~~  
~~Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider~~

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Merger Savings Credit Rider – Electric

**NET MONTHLY BILL (Contd.).**

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

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

**RATING PERIODS**

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

- a) On Peak Period  
Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays.  
Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.
- b) Off Peak Period - all hours Monday through Friday not included above plus all day Saturday and Sunday as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day on the day nationally designated to be celebrated as such.

**METERING**

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

**DEMAND**

The On Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the on peak rating period adjusted for power factor as provided herein. The Off Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the off peak rating period adjusted for power factor minus the On Peak billing demand. In no case shall the Off Peak billing demand be less than zero.

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**POWER FACTOR ADJUSTMENT**

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

The power factor, as determined by continuous measurement, will be derived from the intervals in

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which the maximum on peak and off peak kW demands are established.

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERMS AND CONDITIONS**

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

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

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

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

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

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 Third Revised Sheet No. 58  
 Cancels and Supersedes  
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**RIDER GSS  
 GENERATION SUPPORT SERVICE**

**APPLICABILITY**

Applicable to any general service customer having generation equipment capable of supplying all or a portion of its power requirements for other than emergency purposes and who requests supplemental, maintenance or backup power.

**TYPE OF SERVICE**

Service will be rendered in accordance with the specifications of the Company's applicable distribution voltage service or transmission voltage service tariff schedules.

**NET MONTHLY BILL**

The provisions of the applicable distribution service or transmission service tariff schedule and all applicable riders shall apply to Supplemental Power Service, Maintenance Power Service and Backup Power Service except where noted otherwise. The monthly Administrative Charge and the Monthly Reservation Charges as shown shall apply only to Maintenance Power Service and Backup Power Service.

**1. Administrative Charge**

The Administrative Charge shall be \$50 plus the appropriate Customer Charge.

**2. Monthly Transmission and Distribution Reservation Charge**

a. Rate DS - Secondary Distribution Service	\$4,8466 per kW
b. Rate DT - Distribution Service	\$5,9992 per kW
c. Rate DP - Primary Distribution Service	\$6,1484 per kW
d. Rate TT - Transmission Service	\$2,9666 per kW

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**5. Supplemental Power Service**

The customer shall contract with the Company for the level of demand required for Supplemental Power Service. All Supplemental Power shall be billed under the terms and charges of the Company's applicable full service tariff schedules. All power not specifically identified and contracted by the customer as Maintenance Power or Backup Power shall be deemed to be Supplemental Power.

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KY.P.S.C. Electric No. 2  
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NET MONTHLY BILL (Contd.)

6. Maintenance Power Service

Requirements -

The customer shall contract with the Company for the level of demand required for Maintenance Power. The contracted level of Maintenance Power shall be the lesser of: 1) the transmission and/or distribution capacity required to serve the contracted load; or, 2) the demonstrated capacity of the customer's generating unit(s) for which Maintenance Power is required. The customer's Maintenance Power requirements for each generating unit must be submitted to the Company at least sixty (60) days prior to the beginning of each calendar year. Within thirty (30) days of such submission, the Company shall respond to the customer either approving the Maintenance Power schedule or requesting that the customer reschedule those Maintenance Power requirements. For each generating unit, the customer may elect Maintenance Power Service for up to thirty (30) days in any twelve month period with no more than two (2) days consecutively during the summer billing periods of June through September and those must be during the Company's off-peak periods. The customer may request an adjustment to the previously agreed upon Maintenance Power schedule up to three weeks prior to the scheduled maintenance dates. The adjusted dates must be within one (1) week of the previously scheduled dates and result in a scheduled outage of the same seasonal and diurnal characteristics as the previously scheduled maintenance outage. The Company shall respond to the customer's request for an adjustment within one (1) week of that request. The Company may cancel a scheduled Maintenance Power period, with reason, at any time with at least seven (7) days notice to the customer prior to the beginning of a scheduled maintenance outage if conditions on the Company's electrical system warrant such a cancellation. Any scheduled Maintenance Power period cancelled by the Company shall be rescheduled subject to the mutual agreement of the Company and the customer.

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Billing -

All power supplied under Maintenance Power Service shall be billed at the applicable rate contained in the Company's full service tariff schedules except for the following modifications: 1) the demand ratchet provision of the Company's full service tariff schedules shall be waived; and 2) the demand charge for Generation shall be fifty (50) percent of the applicable full service tariff Generation demand charge prorated by the number of days that Maintenance Power is taken.

7. Backup Power Service

Requirements -

The customer shall contract with the Company for the level of demand required for Backup Power. The contracted level of Backup Power shall be the lesser of: 1) the transmission and/or distribution capacity required to serve the contracted load; or, 2) the demonstrated capacity of the customer's generating unit(s) for which Backup Power is required. The customer shall notify the Company by telephone within one-hour of the beginning and end of the outage. Within 48 hours of the end of the outage, the customer shall supply written notice to the Company of the dates and times of the outage with verification that the outage had occurred.

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Billing -

All Backup Power will be billed at the applicable rate contained in the Company's full service tariff schedules except for the following modifications: 1) the demand ratchet provision, if any, of the Company's full service tariff schedules is waived; and 2) the demand charge for Generation shall be the applicable full service tariff schedule Generation demand charge as shown in Appendix A prorated by the number of days that Backup Power is taken, except that where some of the customer's load requirement for Backup Power and Supplemental Power is 5 MW or greater and such requirement represents new load for ULH&P subsequent to January 1, 2002, the customer's generation charge for energy and demand shall be based on the provisions of Rate RTP-M, Sheet No. 59.

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NET MONTHLY BILL (Contd.)

8. Monthly Reservation Charges

The Monthly Distribution Reservation Charge, Monthly Transmission Reservation Charge and the Monthly Issued by authority of an Order of the Kentucky Public Service Commission dated , 20, in Case No.2017-00321.

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Issued: September 1, 2017

Effective: October 1, 2017

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Ancillary Services Charge items shown above shall be based on the greater of the contracted demand for Maintenance Power or Backup Power.

**METERING**

Recording meters, as specified by the Company, shall be installed where necessary, at the customer's expense. All metering equipment shall remain the property of the Company.

**DEFINITIONS**

Supplemental Power Service – a service which provides distribution and/or transmission capacity to the customer as well as the energy requirements for use by a customer's facility in addition to the electric power which the customer ordinarily generates on its own.

Maintenance Power Service – a contracted service which provides distribution and/or transmission capacity as well as the energy requirements for use by the customer during scheduled outages or interruptions of the customer's own generation.

Backup Power Service – a contracted service which provides distribution and/or transmission capacity as well as the energy requirements for use by the customer to replace energy generated by the customer's own generation during an unscheduled outage or other interruption on the part of the customer's own generation.

**TERMS AND CONDITIONS**

The term of contract shall be for a minimum of five (5) years.

The customer shall be required to enter into a written Service Agreement with the Company which shall specify the type(s) of service required, notification procedures, scheduling, operational requirements, the amount of deviation from the contract demand to provide for unavoidable generation fluctuations resulting from normal mechanical factors and variations outside the control of the customer and the level of demand and energy required.

The customer is required to adhere to the Company's requirements and procedures for interconnection as set forth in the Company's publication, "System Protection Requirements & Guidelines for Connection & Parallel Operation of Non-Utility Generators" which is provided to customers requesting service under this rider.

The cost of any additional facilities associated with providing service under the provisions of this rider shall be borne by the customer.

Changes in contracted demand levels may be requested by the customer once each year at the contract anniversary date. This request shall be made at least thirty (30) days in advance of the contract anniversary date.

The Company may enter into special agreements with customers which may deviate from the provisions of this rider. Such agreements shall address those significant characteristics of service and cost which would influence the need for such an agreement.

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

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Issued: September 1, 2017

Effective: October 1, 2017

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY. P.S.C. Electric No. 2  
Fourth Revised Sheet No. 59  
Cancels and Supersedes  
Third Revised Sheet No. 59  
Page 1 of 1

**RATE RTP - M  
REAL TIME PRICING -- MARKET-BASED PRICING**

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Applicable to all new Customers as of January 1, 2002 having estimated service requirements of 5,000 kilowatts or more and to existing Customers whose service requirements increase by 5,000 kilowatts or more. Where an existing Customer's requirements increase by 5,000 kilowatts or more, that Customer's incremental load will be subject to the provisions of this rate sch... [1]

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
~~Eight~~, Revised Sheet No. 60  
Cancels and Supersedes  
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Page 1 of 6

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**RATE SL**

**STREET LIGHTING SERVICE**

**APPLICABILITY**

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

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities, or this rate schedule terminates, whichever occurs first.

**TYPE OF SERVICE**

All equipment owned by the Company will be installed and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

**NET MONTHLY BILL**

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

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KY.P.S.C. Electric No. 2  
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NET MONTHLY BILL (Contd.)

1. Base Rate

OVERHEAD DISTRIBUTION AREA

Fixture Description	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	\$ 7.96	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6.65	(I)
10,000 lumen	250	0.275	1,144	\$ 9.19	(I)
21,000 lumen	400	0.430	1,789	\$12.30	(I)
Metal Halide					
14,000 lumen	175	0.193	803	\$ 7.96	(I)
20,500 lumen	250	0.275	1,144	\$ 9.19	(I)
36,000 lumen	400	0.430	1,789	\$12.30	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 8.81	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6.61	(I)
16,000 lumen	150	0.171	711	\$ 9.60	(I)
22,000 lumen	200	0.228	948	\$12.45	(I)
27,500 lumen	250	0.275	948	\$12.45	(I)
50,000 lumen	400	0.471	1,959	\$16.73	(I)
Decorative Fixtures					
Sodium Vapor					
9,500 lumen (Rectilinear)	100		487		(I)
		0.117		\$ 10.94	
22,000 lumen (Rectilinear)	200	0.246	1,023	\$13.53	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$17.90	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$26.62	(I)

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

Spans of Secondary Wiring:

For each increment of 50 feet of secondary wiring beyond the first 150 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.58.

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KY.P.S.C. Electric No. 2  
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Cancels and Supersedes  
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Page 3 of 6

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NET MONTHLY BILL (Contd.)

UNDERGROUND DISTRIBUTION AREA	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
Fixture Description					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.210	874	\$ 8.10	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 8.65	(I)
10,000 lumen	250	0.292	1,215	\$ 9.35	(I)
21,000 lumen	400	0.460	1,914	\$12.50	(I)
Metal Halide					
14,000 lumen	175	0.210	874	\$ 8.10	(I)
20,500 lumen	250	0.292	1,215	\$ 9.35	(I)
36,000 lumen	400	0.460	1,914	\$12.50	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 8.81	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 9.70	(I)
16,000 lumen	150	0.171	711	\$ 9.57	(I)
22,000 lumen	200	0.228	948	\$12.45	(I)
50,000 lumen	400	0.471	1,959	\$16.73	(I)
Decorative Fixtures					
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	\$ 8.37	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 10.52	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$24.04	(I)
7,000 lumen (Granville)	175	0.205	853	\$ 8.46	(I)
7,000 lumen (Aspen)	175	0.210	874	\$15.23	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 8.37	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$15.23	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$24.13	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$12.23	(I)
9,500 lumen (Holophane)	100	0.128	532	\$13.25	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 9.88	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$24.91	(I)
9,500 lumen (Aspen)	100	0.128	532	\$15.43	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$12.23	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$15.43	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$13.59	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$17.97	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$26.62	(I)

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
~~Eight~~, Revised Sheet No. 60  
Cancels and Supersedes  
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Page 4 of 6

NET MONTHLY BILL (Contd.)

POLE CHARGES	Pole Type	Rate/Pole	
Pole Description			
Wood			
17 foot (Wood Laminated) (a)	W17	\$ 4.92	(1)
30 foot	W30	\$ 4.86	(1)
35 foot	W35	\$ 4.92	(1)
40 foot	W40	\$ 5.90	(1)
Aluminum			
12 foot (decorative)	A12	\$13.39	(1)
28 foot	A28	\$ 7.76	(1)
28 foot (heavy duty)	A28H	\$ 7.84	(1)
30 foot (anchor base)	A30	\$15.51	(1)
Fiberglass			
17 foot	F17	\$ 4.92	(1)
12 foot (decorative)	F12	\$14.40	(1)
30 foot (bronze)	F30	\$ 9.38	(1)
35 foot (bronze)	F35	\$ 9.62	(1)
Steel			
27 foot (11 gauge)	S27	\$12.65	(1)
27 foot (3 gauge)	S27H	\$19.08	(1)

Spans of Secondary Wiring:

For each increment of 25 feet of secondary wiring beyond the first 25 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.84

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

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

2. Base Fuel Cost

The rates per unit shown above include a charge of \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

3. Applicable Riders

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

- ~~Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider~~
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- ~~Sheet No. 125, Rider DCI, Distribution Capital Investment Rider~~
- Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider

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Cancels and Supersedes  
~~Seventh~~, Revised Sheet No. 60  
Page 5 of 6

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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERM OF SERVICE**

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

**GENERAL CONDITIONS**

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

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

- (6) When a street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the

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customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

**SERVICE REGULATIONS**

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

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Page 1 of 2

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TRAFFIC LIGHTING SERVICE

APPLICABILITY

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

TYPE OF SERVICE

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

NET MONTHLY BILL

Computed in accordance with the following charges:

1. Base Rate

- (a) Where the Company supplies energy only, all kilowatt-hours shall be billed at \$0.042590 per kilowatt-hour;
- (b) Where the Company supplies energy from a separately metered source and the Company has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at \$0.023583 per kilowatt-hour.
- (c) Where the Company supplies energy and has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at \$0.06174 per kilowatt-hour.

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2. Applicable Riders

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

- ~~Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider~~
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- ~~Sheet No. 125, Rider DCI, Distribution Capital Investment Rider~~
- ~~Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider~~

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LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

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TERM OF SERVICE

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

GENERAL CONDITIONS

- (1) Billing will be based on the calculated kilowatt-hour consumption taking into consideration the size and

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Cancels and Supersedes  
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characteristics of the load.

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

**LIMITED MAINTENANCE**

Limited maintenance for traffic signals is defined as cleaning and replacing lamps, and repairing connections in wiring which are of a minor nature. Limited maintenance for traffic controllers is defined as cleaning, oiling, adjusting and replacing contacts which are provided by customer, time-setting when requested, and minor repairs to defective wiring.

**SERVICE REGULATIONS**

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~~Eighth Revised Sheet No. 62~~  
Cancels and Supersedes  
~~Seventh Revised Sheet No. 62~~  
Page 1 of 2

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**RATE UOLS  
UNMETERED OUTDOOR LIGHTING ELECTRIC SERVICE**

**APPLICABILITY**

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

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

**CONTRACT FOR SERVICE**

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

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

**LIGHTING HOURS**

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

**NET MONTHLY BILL**

Computed in accordance with the following charge:

1. Base Rate  
All kWh \$0.041936 per kWh
  
2. Applicable Riders  
The following riders are applicable pursuant to the specific terms contained within each rider:  
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider  
Sheet No. 80, Rider FAC, Fuel Adjustment Clause  
Sheet No. 125, Rider DCI, Distribution Capital Investment Rider  
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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Issued by authority of an Order of the Kentucky Public  
Service Commission dated ~~2017~~ in Case No. ~~2017-~~  
~~00321~~ (T)  
Issued: ~~September 1, 2017~~ (T)  
Effective: ~~October 1, 2017~~ (T)  
Issued by James P. Henning, President (T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY, P.S.C. Electric No. 2  
~~Eighth Revised Sheet No. 62~~  
Cancels and Supersedes  
~~Seventh Revised Sheet No. 62~~  
Page 2 of 2

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Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider

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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill which is the Net Monthly Bill plus 5%, is due and payable.

**OWNERSHIP OF SERVICE LINES**

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

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

The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with lighting output or with service lines or wires of the Company used for supplying electric energy to the System. The customer shall assist the Company, if necessary, in obtaining permission to trim trees where the Company is unable to obtain such permission through its own best efforts.

**SERVICE REGULATIONS**

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

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

Ky.P.S.C. Electric No. 2  
Second Revised Sheet no. 63  
Cancels and Supersedes  
First Revised Sheet No. 63  
Page 1 of 3

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**RATE OL-E  
OUTDOOR LIGHTING EQUIPMENT INSTALLATION**

**APPLICABILITY**

Applicable for the installation of any street or outdoor area lighting system (System) on private or public property and owned by the Company. The customer must be adjacent to an electric power line of the Company that is adequate and suitable for supplying the necessary electric service.

Service for the System under this tariff shall require a written agreement between the Customer and the Company. The System shall comply with the connection requirements in the Company's Electric Service Regulations, Section III, Customer's Installations and Section IV, Company's Installations.

A separate written agreement is required for the electrical energy consumed by this lighting system.

**CONTRACT FOR SERVICE**

The Customer will enter into an Outdoor Lighting Equipment Agreement, herein 'Agreement', with the Company for an initial term not to exceed ten years and automatically renewable annually thereafter. Termination by either party shall require 120 days advance written notice. The Agreement shall specify the lighting equipment to be installed and owned by the Company, the term of the agreement, itemized monthly charges for the equipment, maintenance terms, and any other necessary information.

The initial Agreement will include two specific monthly charges: a monthly System Charge based on the Company's cost of purchasing and installing the System (Installed Cost), and a monthly Maintenance Charge. The monthly System Charge will end with the expiration of the initial Agreement term while the monthly Maintenance Charge will continue for the life of the System. When the Agreement is terminated by Customer request before initial term expiration, the Customer must reimburse the Company the sum of all remaining monthly System Charges for the initial term of the Agreement, minus salvage value as determined by the Company.

The System Charge is determined by applying the current Levelized Fixed Charge Rate (LFCR), to the Company's cost of purchasing and installing the System. The Customer agrees to the resulting monthly charge that is dependent on the initial term length of the Agreement. The initial term length is the Customer's choice up to and including ten years. The Customer may make an up-front payment that will be applied against the Installed Cost and will thereby reduce the monthly System Charge.

The monthly Maintenance Charge covers estimated equipment maintenance costs as specified in the Agreement, including the ongoing costs of ownership such as administration, taxes and insurance. The Agreement allows for re-evaluation and possible adjustment to the maintenance monthly charges every three years.

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Issued: September 1, 2017 Effective: October 1, 2017

Issued by James P. Henning, President

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
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Ky.P.S.C. Electric No. 2  
Second Revised Sheet no. 63  
Cancels and Supersedes  
First Revised Sheet No. 63  
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### LEVELIZED FIXED CHARGE CALCULATION

The annual Levelized Fixed Charge Rate percentage is calculated as follows:

$$LFCR = r + d + \left( \frac{T}{1-T} \right) \times (r + d - D) \times \left( \frac{r - i}{r} \right)$$

Where r = Rate of Return (Cost of Capital)  
D = Depreciation Rate (straight line)  
T = Federal and State Composite Income Tax Rate  
i = Synchronized Interest Deduction  
d = Sinking Fund Factor

### LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

### OWNERSHIP OF SERVICE LINES

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

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### SERVICE REGULATIONS

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Ky.P.S.C. Electric No. 2  
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Cancels and Supersedes  
~~First Revised Sheet No. 63~~  
Page 3 of 3

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Original Sheet No. 64  
Page 3 of 7

<u>LF-LED-50W-AC-BK-MW</u>	<u>LED 50W ACORN BLACK TYPE III 4000K</u>	<u>5,147</u>	<u>50</u>	<u>17</u>	<u>\$14.30</u>	<u>\$4.38</u>
<u>LF-LED-50W-MB-BK-MW</u>	<u>LED 50W MINI BELL LED BLACK TYPE III 4000K MIDWEST</u>	<u>4,500</u>	<u>50</u>	<u>17</u>	<u>\$13.48</u>	<u>\$4.38</u>
<u>LF-LED-70W-BE-BK-MW</u>	<u>LED 70W 5508 LUMENS SANIBELL BLACK TYPE III 4000K</u>	<u>5,508</u>	<u>70</u>	<u>24</u>	<u>\$17.17</u>	<u>\$4.38</u>
<u>LF-LED-50W-TR-BK-MW</u>	<u>LED 50W TRADITIONAL BLACK TYPE III 4000K</u>	<u>3,303</u>	<u>50</u>	<u>17</u>	<u>\$10.36</u>	<u>\$4.38</u>
<u>LF-LED-50W-OT-BK-MW</u>	<u>LED 50W OPEN TRADITIONAL BLACK TYPE III 4000K</u>	<u>3,230</u>	<u>50</u>	<u>17</u>	<u>\$10.36</u>	<u>\$4.38</u>
<u>LF-LED-50W-EN-BK-MW</u>	<u>LED 50W ENTERPRISE BLACK TYPE III 4000K</u>	<u>3,880</u>	<u>50</u>	<u>17</u>	<u>\$13.93</u>	<u>\$4.38</u>
<u>LF-LED-150W-TD-BK-MW</u>	<u>LED 150W LARGE TEARDROP BLACK TYPE III 4000K</u>	<u>12,500</u>	<u>150</u>	<u>52</u>	<u>\$20.78</u>	<u>\$4.38</u>
<u>LF-LED-50W-TDP-BK-MW</u>	<u>LED 50W TEARDROP PEDESTRIAN BLACK TYPE III 4000K</u>	<u>4,500</u>	<u>50</u>	<u>17</u>	<u>\$16.86</u>	<u>\$4.38</u>
<u>LF-LED-220W-SB-BK-MW</u>	<u>LED 220W SHOEBOX BLACK TYPE IV 4000K</u>	<u>18,500</u>	<u>220</u>	<u>76</u>	<u>\$14.39</u>	<u>\$5.34</u>
<u>LF-LED-150W-BE-BK-MW</u>	<u>150W Sanibel</u>	<u>39,000</u>	<u>150</u>	<u>52</u>	<u>\$17.17</u>	<u>\$4.38</u>
<u>LF-LED-420W-5B-BK-MW</u>	<u>420W LED Shoebox</u>	<u>39,078</u>	<u>420</u>	<u>146</u>	<u>\$21.47</u>	<u>\$5.34</u>
<u>LF-LED-50W-NB-GY-MW</u>	<u>50W Neighborhood</u>	<u>5,000</u>	<u>50</u>	<u>17</u>	<u>\$4.43</u>	<u>\$4.38</u>
<u>LF-LED-50W-NBL-GY-MW</u>	<u>50W Neighborhood with Lens</u>	<u>5,000</u>	<u>50</u>	<u>17</u>	<u>\$4.62</u>	<u>\$4.38</u>

<u>II. Poles</u>	-	-
<u>Billing Type</u>	<u>Description</u>	<u>Charge per Month per Unit</u>
<u>LP-12-C-PT-AL-AB-TT-BK-MW</u>	<u>12' C-Post Top- Anchor Base-Black</u>	<u>\$10.68</u>
<u>LP-25-C-DV-AL-AB-TT-BK-MW</u>	<u>25' C-Davit Bracket- Anchor Base-Black</u>	<u>\$28.10</u>
<u>LP-25-C-BH-AL-AB-TT-BK-MW</u>	<u>25' C-Boston Harbor Bracket- Anchor Base-Black</u>	<u>\$28.40</u>
<u>LP-12-E-AL-AB-TT-BK-MW</u>	<u>12' E-AL - Anchor Base-Black</u>	<u>\$10.68</u>
<u>15310-40FTALEMB-OLE</u>	<u>35' AL-Side Mounted-Direct Buried Pole</u>	<u>\$18.08</u>
<u>15320-30FTALAB-OLE</u>	<u>30' AL-Side Mounted-Anchor Base</u>	<u>\$13.93</u>
<u>15320-35FTALAB-OLE</u>	<u>35' AL-Side Mounted-Anchor Base</u>	<u>\$13.55</u>
<u>15320-40FTALAB-OLE</u>	<u>40' AL-Side Mounted-Anchor Base</u>	<u>\$16.76</u>
<u>POLE-30-7</u>	<u>30' Class 7 Wood Pole</u>	<u>\$6.62</u>
<u>POLE-35-5</u>	<u>35' Class 5 Wood Pole</u>	<u>\$7.20</u>
<u>POLE-40-4</u>	<u>40' Class 4 Wood Pole</u>	<u>\$10.84</u>
<u>POLE-45-4</u>	<u>45' Class 4 Wood Pole</u>	<u>\$11.24</u>
<u>15210-20BRZSTL-OLE</u>	<u>20' Galleria Anchor Based Pole</u>	<u>\$9.55</u>
<u>15210-30BRZSTL-OLE</u>	<u>30' Galleria Anchor Based Pole</u>	<u>\$11.30</u>
<u>15210-35BRZSTL-OLE</u>	<u>35' Galleria Anchor Based Pole</u>	<u>\$32.49</u>

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Original Sheet No. 64  
Page 4 of 7

<u>LP-12-A-AL-AB-TT-BK-MW</u>	<u>MW-Light Pole-12' MH- Style A-Aluminum-Anchor Base-Top Tenon-Black</u>	<u>\$6.47</u>
<u>LP-12-A-AL-DB-TT-BK-MW</u>	<u>MW-Light Pole-Post Top-12' MH- Style A-Alum-Direct Buried-Top Tenon-Black</u>	<u>\$5.54</u>
<u>LP-15-A-AL-AB-TT-BK-MW</u>	<u>Light Pole-15' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black</u>	<u>\$6.66</u>
<u>LP-15-A-AL-DB-TT-BK-MW</u>	<u>Light Pole-15' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black</u>	<u>\$5.77</u>
<u>LP-20-A-AL-AB-TT-BK-MW</u>	<u>Light Pole-20' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black</u>	<u>\$6.99</u>
<u>LP-20-A-AL-DB-TT-BK-MW</u>	<u>Light Pole-20' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black</u>	<u>\$10.71</u>
<u>LP-25-A-AL-AB-TT-BK-MW</u>	<u>Light Pole-25' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black</u>	<u>\$8.28</u>
<u>LP-25-A-AL-DB-TT-BK-MW</u>	<u>Light Pole-25' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black</u>	<u>\$11.93</u>
<u>LP-30-A-AL-AB-TT-BK-MW</u>	<u>Light Pole-30' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black</u>	<u>\$9.79</u>
<u>LP-30-A-AL-DB-TT-BK-MW</u>	<u>Light Pole-30' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black</u>	<u>\$13.28</u>
<u>LP-35-A-AL-AB-TT-BK-MW</u>	<u>Light Pole-35' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black</u>	<u>\$11.30</u>
<u>LP-35-A-AL-DB-TT-BK-MW</u>	<u>Light Pole-35' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black</u>	<u>\$14.35</u>
<u>LP-12-B-AL-AB-TT-GN-MW</u>	<u>MW-Light Pole-12' MH- Style B Aluminum Anchor Base-Top Tenon Black Pri</u>	<u>\$7.89</u>
<u>LP-12-C-PT-AL-AB-TT-BK-MW</u>	<u>MW-Light Pole-12' MH-Style C-Post Top-Alum-Anchor Base-TT-Black Pri</u>	<u>\$10.68</u>
<u>LP-16-C-DV-AL-AB-TT-GN-MW</u>	<u>MW-LT Pole-16' MH-Style C-Davit Bracket-Alum-Anchor Base-TT-Black</u>	<u>\$14.29</u>
<u>LP-25-C-DV-AL-AB-TT-BK-MW</u>	<u>MW-Light Pole-25' MH-Style C-Davit Bracket-Alum-Anchor Base-TT-Black Pri</u>	<u>\$28.10</u>
<u>LP-16-C-BH-AL-AB-TT-GN-MW</u>	<u>MW-LT Pole-16' MH-Style C-Boston Harbor Bracket-AL-AB-TT-Black Pri</u>	<u>\$11.46</u>
<u>LP-25-C-BH-AL-AB-TT-BK-MW</u>	<u>MW-LT Pole-25' MH-Style C-Boston Harbor Bracket-AL-AB-TT-Black Pri</u>	<u>\$28.40</u>
<u>LP-12-D-AL-AB-TT-GN-MW</u>	<u>MW-LT Pole 12 Ft MH Style D Alum Breakaway Anchor Base TT Black Pri</u>	<u>\$10.57</u>
<u>LP-12-E-AL-AB-TT-BK-MW</u>	<u>MW-Light Pole-12' MH-Style E-Alum-Anchor Base-Top Tenon-Black</u>	<u>\$10.68</u>
<u>LP-12-F-AL-AB-TT-GN-MW</u>	<u>MW-Light Pole-12' MH-Style F-Alum-Anchor Base-Top Tenon-Black Pri</u>	<u>\$11.44</u>
<u>15210-20BRZSTL-OLE</u>	<u>MW-15210-Galleria Anchor Base-20FT Bronze Steel-OLE</u>	<u>\$9.55</u>
<u>15210-30BRZSTL-OLE</u>	<u>MW-15210-Galleria Anchor Base-30FT Bronze Steel-OLE</u>	<u>\$11.30</u>
<u>15210-35BRZSTL-OLE</u>	<u>MW-15210-Galleria Anchor Base-35FT Bronze Steel-OLE</u>	<u>\$32.49</u>
<u>15310-40FTALEMB-OLE</u>	<u>MW-15310-35FT MH Aluminum Direct Embedded Pole-OLE</u>	<u>\$18.08</u>
<u>15320-30FTALAB-OLE</u>	<u>MW-15320-30FT Mounting Height Aluminum Achor Base Pole-OLE</u>	<u>\$13.93</u>
<u>15320-35FTALAB-OLE</u>	<u>MW-15320-35FT Mounting Height Aluminum Achor Base Pole-OLE</u>	<u>\$13.55</u>
<u>15320-40FTALAB-OLE</u>	<u>MW-15320-40FT Mounting Height Aluminum Achor Base Pole-OLE</u>	<u>\$16.76</u>
<u>POLE-30-7</u>	<u>MW-POLE-30-7</u>	<u>\$6.62</u>
<u>POLE-35-5</u>	<u>MW-POLE-35-5</u>	<u>\$7.20</u>
<u>POLE-40-4</u>	<u>MW-POLE-40-4</u>	<u>\$10.84</u>
<u>POLE-45-4</u>	<u>MW-POLE-45-4</u>	<u>\$11.24</u>

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

Schedule L-2.2  
Page 64 of 152  
Responsible Witness: Bruce Sailors  
KY.P.S.C. Electric No. 2  
Original Sheet No. 64  
Page 7 of 7

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as filed with the Kentucky Public Service Commission, as provided by law.

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 4580 Olympic Blvd.  
 Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
 Eighth Revised Sheet No. 65  
 Cancels and Supersedes  
 Seventh Revised Sheet No. 65  
 Page 1 of 3

RATE OL  
 OUTDOOR LIGHTING SERVICE

THIS SHEET IS CANCELLED AND WITHDRAWN.

Issued by authority of an Order of the Kentucky Public Service  
 Commission dated, 2017 in Case No. 2017-00321. (T)  
 Issued: September 1, 2017 (T)  
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Deleted: 1,914
Deleted: \$16.75
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Deleted:
Deleted: 14,000 lumen
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Deleted: 874
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Duke Energy Kentucky, Inc.  
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KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 65  
 Cancels and Supersedes  
Seventh Revised Sheet No. 65  
 Page 2 of 3

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**Deleted:** 2. Base Fuel Cost

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 3. Applicable Riders¶  
 The following riders are applicable pursuant to the specific terms contained within each rider:¶  
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause¶  
 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric¶  
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism¶  
 ¶

**LATE PAYMENT CHARGE¶**  
 Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.¶

**Deleted: GENERAL CONDITIONS¶**  
 1. In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed the customer will be billed for the unexpired term of the contract.¶

¶  
 If the customer requires the extension, relocation or rearrangement of the Company's system, the customer will pay, in addition to the monthly charge, the Company on a time and materials basis, plus overhead charges, for such extension, relocation or rearrangement unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for customer approval before work is carried out

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Issued: September 1, 2017

Effective: October 1, 2017

Issued by James P. Henning, President

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
~~Eighth, Revised Sheet No. 65~~  
Cancels and Supersedes  
~~Seventh, Revised Sheet No. 65~~  
Page 3 of 3

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GENERAL CONDITIONS (Contd.)

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3. If any Company owned lighting unit is required to be relocated, removed or replaced with another unit of the same or lower lamp wattage, the customer ordering this shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charges should be made. An estimate of the cost will be submitted for customer approval before work is carried out.¶

~~¶~~

4. Installation of lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.¶

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5. The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these light units for such reason.¶

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6. When a lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.¶

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Issued by authority of an Order of the Kentucky Public Service Commission dated, 2017 in Case No. 2017-00321 (T)

Issued: ~~September 1, 2017~~ (T)

Effective: ~~October 1, 2017~~ (T)

Issued by James P. Henning, President (T)

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
~~Eight~~ Revised Sheet No. 66  
Cancels and Supersedes  
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Page 1 of 3

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**RATE NSU**

**STREET LIGHTING SERVICE  
NON-STANDARD UNITS**

**APPLICABILITY**

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

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

**TYPE OF SERVICE**

All equipment owned by the Company will be maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps maintained by the Company within 48 hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

**NET MONTHLY BILL**

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

1. Base Rate

A. Company owned

	Lamp Watt	kWh/Unit	Annual kWh	Rate/Unit	
1. Boulevard units served underground					
a. 2,500 lumen Incandescent - Series	148	0.148	616	\$10.32	(I)
b. 2,500 lumen Incandescent - Multiple	189	0.189	786	\$3.01	(I)
2. Holophane Decorative fixture on 17 foot fiberglass pole served underground with direct buried cable					
a. 10,000 lumen Mercury Vapor	250	0.292	1,215	\$18.79	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, in Case No. 2017-00321.

Issued: September 1, 2017

Effective: October 1, 2017

Issued by James P. Henning, President

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
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Page 2 of 3

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**NET MONTHLY BILL (Contd.)**

The cable span charge of \$0.~~84~~ per each increment of 25 feet of secondary wiring shall be added to the Rate/unit charge for each increment of secondary wiring beyond the first 25 feet from the pole base.

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	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
3. Street light units served overhead distribution					
a. 2,500 lumen Incandescent	189	0.189	786	\$7.94	(I)
b. 2,500 lumen Mercury Vapor	100	0.109	453	\$7.52	(I)
c. 21,000 lumen Mercury Vapor	400	0.460	1,914	\$11.93	(I)

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B. Customer owned

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
1. Steel boulevard units served underground with limited maintenance by Company					
a. 2,500 lumen Incandescent -- Series	148	0.148	616	\$6.09	(I)
b. 2,500 lumen Incandescent -- Multiple	189	0.189	786	\$7.74	(I)

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2. Base Fuel Cost

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

3. Applicable Riders

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

- ~~Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider~~
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- Sheet No. 125, Rider DCI, Distribution Capital Investment Rider
- Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider

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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

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**TERM OF SERVICE**

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

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**GENERAL CONDITIONS**

(1) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of

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Issued: September 1, 2017

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Effective: October 1, 2017

Issued by James P. Henning, President

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
~~Eighth~~ Revised Sheet No. 66  
Cancels and Supersedes  
~~Seventh~~ Revised Sheet No. 66  
Page 3 of 3

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the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

- (2) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by, and at the expense of, the Company.

**GENERAL CONDITIONS (Contd.)**

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

- (3) When a Company owned street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (4) When a customer owned lighting unit becomes inoperative, the cost of repair or replacement of the unit will be at the customer's expense. The replacement unit shall be an approved Company fixture.
- (5) Limited maintenance by the Company includes only fixture cleaning, relamping, and glassware and photo cell replacement.

**SERVICE REGULATIONS**

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

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Commission dated \_\_\_\_\_, in Case No. 2017-00321.

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Issued: September 1, 2017

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Effective: October 1, 2017

Issued by James P. Henning, President

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Duke Energy Kentucky, Inc.  
 4580 Olympic Blvd.  
 Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
 Eighth Revised Sheet No. 67  
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 Page 1 of 1

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RATE NSP

PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS

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Applicable to service for outdoor lighting on private property with Company-owned lighting fixtures in the Company's entire territory where secondary distribution lines are adjacent to the premise to be served. Not applicable to service for lighting of dedicated or undedicated public thoroughfares.¶

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.¶

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2016. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first. ¶

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Deleted: All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for damage, loss or injury. ¶

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 Commission dated \_\_\_\_\_ in Case No. 2017-00321

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Issued: August 18, 2017  
 Effective: August 30, 2017  
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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
~~Eighth Revised Sheet No. 68~~  
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Page 1 of 4

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**RATE SC**

**STREET LIGHTING SERVICE - CUSTOMER OWNED**

**APPLICABILITY**

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

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2006. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

**TYPE OF SERVICE**

All equipment will be owned by the customer but may be installed by customer or Company with limited maintenance performed by the Company. Limited maintenance includes only fixture cleaning, relamping, and glassware and photo cell replacement. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

**NET MONTHLY BILL**

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

1. Base Rate	Lamp Watts	kW/Unit	Annual kWh	Rate/Unit	
Fixture Description					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	\$ 4.69	(I)
10,000 lumen	250	0.275	1,144	\$ 5.96	(I)
21,000 lumen	400	0.430	1,789	\$ 8.28	(I)
Metal Halide					
14,000 lumen	175	0.193	803	\$ 4.69	(I)
20,500 lumen	250	0.275	1,144	\$ 5.96	(I)
36,000 lumen	400	0.430	1,789	\$ 8.28	(I)

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Issued: ~~September 1, 2017~~

Effective: ~~October 1, 2017~~

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Eighth Revised Sheet No. 68  
Cancels and Supersedes  
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Page 2 of 4

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NET MONTHLY BILL (Contd.)

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit		
Sodium Vapor						
9,500 lumen	100	0.117	487	\$ 5.64	(I)	Deleted: 5.04
16,000 lumen	150	0.171	711	\$ 6.29	(I)	Deleted: 5.62
22,000 lumen	200	0.228	948	\$ 6.90	(I)	Deleted: 6.17
27,500 lumen	250	0.228	948	\$ 6.90	(I)	Deleted: 6.17
50,000 lumen	400	0.471	1,959	\$ 9.35	(I)	Deleted: 8.36
Decorative Fixture						
Mercury Vapor						
7,000 lumen (Holophane)	175	0.210	874	\$ 5.95	(I)	Deleted: 5.32
7,000 lumen (Town & Country)	175	0.205	853	\$ 5.90	(I)	Deleted: 5.27
7,000 lumen (Gas Replica)	175	0.210	874	\$ 5.95	(I)	Deleted: 5.32
7,000 lumen (Aspen)	175	0.210	874	\$ 5.95	(I)	Deleted: 5.32
Metal Halide						
14,000 lumen (Traditionaire)	175	0.205	853	\$ 5.90	(I)	Deleted: 5.27
14,000 lumen (Granville Acom)	175	0.210	874	\$ 5.95	(I)	Deleted: 5.32
14,000 lumen (Gas Replica)	175	0.210	874	\$ 5.95	(I)	Deleted: 5.32
Sodium Vapor						
9,500 lumen (Town & Country)	100	0.117	487	\$ 5.55	(I)	Deleted: 4.96
9,500 lumen (Traditionaire)	100	0.117	487	\$ 5.55	(I)	Deleted: 4.96
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 5.80	(I)	Deleted: 5.18
9,500 lumen (Rectilinear)	100	0.117	487	\$ 5.55	(I)	Deleted: 4.96
9,500 lumen (Aspen)	100	0.128	532	\$ 5.80	(I)	Deleted: 5.18
9,500 lumen (Holophane)	100	0.128	532	\$ 5.80	(I)	Deleted: 5.18
9,500 lumen (Gas Replica)	100	0.128	532	\$ 5.80	(I)	Deleted: 5.18
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 7.32	(I)	Deleted: 5.18
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 9.68	(I)	Deleted: 6.54
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Where a street lighting fixture served overhead is to be installed on another utility's pole on which the Company does not have a contact, a monthly pole charge will be assessed.

Pole Description	Pole Type	Rate/Pole	
Wood			Deleted: 34
30 foot	W30	\$ 4.86	Formatted: Font: 10 pt
35 foot	W35	\$ 4.92	Deleted: 40
40 foot	W40	\$ 5.90	Formatted: Font: 10 pt
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KY.P.S.C. Electric No. 2  
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**NET MONTHLY BILL (Contd.)**

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be \$0.041936 per kilowatt-hour which includes the base fuel cost rate stated below. The monthly kilowatt-hour usage will be mutually agreed upon between the Company and the customer. Where the average monthly usage is less than 150 kWh per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before work is carried out.

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2. Base Fuel Cost

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

3. Applicable Riders

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

- ~~Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider~~
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- ~~Sheet No. 125, Rider DCI, Distribution Capital Investment Rider~~
- ~~Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider~~

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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERM OF SERVICE**

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

**GENERAL CONDITIONS**

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

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**GENERAL CONDITIONS (Contd.)**

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- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced by the Company, the ordering Authority shall pay the Company the cost agreed upon under a separate contract.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

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

- (6) When a customer owned lighting unit becomes inoperative the cost of repair, replacement or removal of the unit will be at the customer's expense.
- (7) All lights installed on an overhead distribution system will be installed by Company under a separate contract with customer.

**SERVICE REGULATIONS**

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

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RATE SE

STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT

APPLICABILITY

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

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

NET MONTHLY BILL

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

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 Cancels and Supersedes  
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**NET MONTHLY BILL (Contd.)**

1. Base Rate

Fixture Description	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit
<b>Decorative Fixtures</b>				
<b>Mercury Vapor</b>				
7,000 lumen (Town & Country)	175	0.205	853	\$ 8.16
7,000 lumen (Holophane)	175	0.210	874	\$ 8.19
7,000 lumen (Gas Replica)	175	0.210	874	\$ 8.19
7,000 lumen (Aspen)	175	0.210	874	\$ 8.19
<b>Metal Halide</b>				
14,000 lumen (Traditionaire)	175	0.205	853	\$ 8.16
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 8.19
14,000 lumen (Gas Replica)	175	0.210	874	\$ 8.19
<b>Sodium Vapor</b>				
9,500 lumen (Town & Country)	100	0.117	487	\$ 8.89
9,500 lumen (Holophane)	100	0.128	532	\$ 9.01
9,500 lumen (Rectilinear)	100	0.117	487	\$ 8.89
9,500 lumen (Gas Replica)	100	0.128	532	\$ 9.00
9,500 lumen (Aspen)	100	0.128	532	\$ 9.00
9,500 lumen (Traditionaire)	100	0.117	487	\$ 8.89
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 9.00
22,000 lumen (Rectilinear)	200	0.246	1,023	\$12.78
50,000 lumen (Rectilinear)	400	0.471	1,959	\$16.91
50,000 lumen (Setback)	400	0.471	1,959	\$16.91

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

2. Base Fuel Cost

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

3. Applicable Riders

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- Sheet No. 125, Rider DCI, Distribution Capital Investment Rider
- Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider

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**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERM OF SERVICE**

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

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Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, 2017 in Case No. 2017-00321.

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Issued: September 1, 2017

Effective: October 1, 2017

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
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KY.P.S.C. Electric No. 2  
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**GENERAL CONDITIONS**

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

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

- (6) When a street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (7) The contribution only provides for replacement of these facilities due to occasional damage or premature malfunction. It does not cover replacement at end of life.

**SERVICE REGULATIONS**

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

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**RIDER PPS  
PREMIER POWER SERVICE**

**AVAILABILITY**

Applicable to qualifying non-residential Customers, on a voluntary basis, served under Rates DS, DP, DT or Special Contracts. Customers must enter into a service agreement with Company under this rider.

**PROGRAM DESCRIPTION**

Under the terms of this program, the Company will own, install, operate and maintain on-site equipment such as on-site generators, fly-wheel, and Uninterruptible Power Supply (UPS) systems designed to provide a supply of electricity to the Customer's facility in the event that the primary supply of electricity is interrupted. The minimum size of on-site generators provided under this program will have a nameplate rating of 50 kW. The generator and associated business continuity support equipment will be located on the Customer's premises at a mutually agreed upon location. The generator and associated business continuity support equipment will be connected on the Company's (line) side of Company's billing meter. Customer will be billed for all usage registered on the Company's billing meter under the applicable rate schedule.

**RATE**

Each qualifying customer's individual monthly rate calculated for each customer for this service will be determined as follows:

$$\text{Monthly Service Payment} = \text{Estimated Levelized Capital Cost} + \text{Estimated Expenses}$$

Where:

Levelized Capital Cost is equal to the present value of all estimated capital related cash flows for a period corresponding to the time of engineering, design and installation of equipment through the term of the contract, adjusted to a pre-tax amount and converted to a uniform monthly payment for the term of the contract. The estimated capital cash flows shall include estimated installed cost of equipment, contingency allowances, salvage value, adjustment to reflect additional supporting investment of general plant nature, and income tax impacts.

Expenses shall equal the present value of estimated expenses associated with the support and maintenance of the generation and support equipment, adjusted to a pre-tax amount and converted to a uniform monthly payment for the term of the contract. The estimated expenses shall include administrative and general expenses, expenses for labor and materials related to operations and maintenance, third party expenses for operations and maintenance, warranties, insurance, annual costs associated with working capital, fuel inventory, depreciation, property tax, other costs related to the operation and support of the generator system installation, and income tax impacts..

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The after tax cost of capital from the Company's most recent general rate case will be used to convert present values to uniform monthly payments.

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**MONTHLY BILL**

Customer's monthly bill for all services under this rider will appear on their regular monthly electric bill as a line item.

**CONTRACT**

As provided in the Premier Power Service Agreement (Agreement), customer shall enter into a contract for Premier Power Service from the Company for an initial term of ten (10) years, or other term at the Company's option, and thereafter from year to year upon the condition that either party may terminate the contract by giving a minimum of ninety (90) days notice of such termination in writing. In the event of early termination of the Agreement under this program, the Customer may be required to pay the Company a termination fee as set forth in the Agreement.

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Duke Energy Kentucky, Inc.  
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KY.P.S.C. Electric No. 2  
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**RIDER TS**  
**TEMPORARY SERVICE**

**APPLICABILITY**

Applicable to electric service of a temporary nature, where the standard residential or general service rates are effective for the application of this rider, for a period of less than one year and non-recurring, supplied in accordance with provisions of the appropriate rate currently in effect.

**TYPE OF SERVICE**

Service will be in accordance with the specifications of the standard applicable rate.

**CHARGES**

In addition to charges for service furnished under the applicable standard rate the customer will pay in advance the following charge:

Estimated unit cost of each service with supporting data to be filed with the Commission and updated annually by the utility.

**TERM OF SERVICE**

Temporary service hereunder will be rendered for a period not longer than six calendar months from the date of installation, provided however, the Company may, at its option, renew said temporary connection for an additional period of three months if required by the temporary need. At the expiration of said initial period or any renewal thereof, the Company may discontinue the service from the premise.

**SERVICE REGULATIONS**

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

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RIDER X  
LINE EXTENSION POLICY

**APPLICABILITY**

Applicable to electric service supplied in accordance with the provisions of the appropriate rate currently in effect, from the nearest available distribution lines of required type of service when it is necessary to extend such lines.

**EXTENSION PLAN**

Extensions

When the estimated cost of extending the distribution lines to reach the customer's premise equals or is less than three (3) times the estimated gross annual revenue the Company will make the extension without additional guarantee by the customer over that applicable in the rate, provided the customer establishes credit in a manner satisfactory to the Company.

When the estimated cost of extending the distribution lines to reach the customer's premise exceeds three (3) times the estimated gross annual revenue, the customer may be required to guarantee, for a period of five (5) years, a monthly bill of one (1) percent of the line extension cost for residential service and two (2) percent for non-residential service.

When the term of service or credit have not been established in a manner satisfactory to the Company, the customer may be required to advance the estimated cost of the line extension in either of the above situations. When such advance is made the Company will refund, at the end of each year, for four (4) years, twenty-five (25) percent of the revenues received in any one year up to twenty-five (25) percent of the advance.

**SERVICE REGULATIONS**

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RIDER LM  
 LOAD MANAGEMENT RIDER

APPLICABILITY

The Off Peak Provision is applicable to customers with an average monthly demand in excess of fifteen (15) kilowatts established over the most recent twelve month period receiving service under the provisions of either Rate DS, Service at Secondary Distribution Voltage, or Rate DP, Service at Primary Distribution Voltage.

OFF PEAK PROVISION

The "off peak period" for the summer season is defined as the period from 8:00 p.m. of one day to 11:00 a.m. of the following day; Friday from 8:00 p.m. to 11:00 a.m. of the following Monday; and from 8:00 p.m. of the day preceding a legal holiday to 11:00 a.m. of the day following that holiday. The "off peak period" for the winter season is defined as the period 2:00 p.m. to 5:00 p.m. and from 9:00 p.m. of one day to 9:00 a.m. of the following day; Friday from 9:00 p.m. to 9:00 a.m. of the following Monday; and from 9:00 p.m. of the day preceding a legal holiday to 9:00 a.m. of the day following that holiday. The following are recognized legal holidays as far as load conditions of the Company's system are concerned: New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, Christmas Day. If the foregoing holidays occur on a Sunday, the following Monday is considered a holiday.

The "on peak period" is defined as all hours exclusive of the "off peak period" hours set forth in the preceding paragraph.

For customers with an average monthly demand in excess of fifteen (15) kilowatts and not to exceed five hundred (500) kilowatts where electric service is furnished under the provisions of the Company's existing Rate DS, Service at Secondary Distribution Voltage or Rate DP, Service at Primary Distribution Voltage. The provision is only available as Company demand meters with a programmable time-of-use register or interval data recorders (IDR) are installed on the customer's premise. Due to the limited availability of such metering equipment and Company personnel, the meter will be installed as metering equipment and Company personnel are available.

A. For purposes of administration of this rider the summer season, as stated above, is the period beginning with the meter reading date in the month of May and ending with the meter reading date in the month of September or the period beginning June 1 and ending September 30, at the Company's option. The winter season consists of all other days which have not been recognized in the summer season.

B. The customer will be required to pay the current installed cost of the time-of-use or IDR metering equipment in excess of the current installed cost of the standard demand register equipment, normally installed by the Company, which is required under the provision of Rate DS or DP. All metering equipment shall remain the property of the Company which shall be responsible for its

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installation, operation, maintenance, testing, replacement or removal.

C. When a customer elects the OFF PEAK PROVISION, the monthly customer charge of the applicable Rate DS or DP will be increased by an additional monthly charge of five dollars (\$5.00) for each installed time-of-use or interval data recorder meter. In addition, the DEMAND provision of Rate DS or DP shall be modified to the extent that the billing demand shall be based upon the "on peak period," as defined above. However, in no case shall the billing demand be less than the billing demand as determined in accordance with the DEMAND provision of the applicable Rate DS or Rate DP, as modified.

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B. The "off peak period" billing demand will be taken at fifty (50) percent of the highest fifteen minute demand established during the "off peak period," as defined above.¶

¶ C. When a customer elects this OFF PEAK PROVISION, the applicable monthly customer charge of Rate DS or Rate DP will be increased by an additional monthly charge of one hundred dollars (\$100.00).¶

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**RIDER AMO  
ADVANCED METER OPT-OUT (AMO) – RESIDENTIAL**

**APPLICABILITY**

Applicable to residential customers served under Rate RS who request an electric meter that does not utilize radio frequency communications to transmit data provided that such a meter is available for use by the Company. At the Company's option, meters to be read manually may be either an advanced meter with the radio frequency communication capability disabled or other non-communicating meter. The meter manufacturer and model chosen to service the customer's premise are at the discretion of the Company and are subject to change at the Company's option, at any time. Rider AMO is optional and is available subject to the Terms and Conditions below.

**DEFINITION**

"Advanced meter" means any electric meter that meets the pertinent engineering standards using digital technology and is capable of providing two-way communications with the electric utility to provide usage and/or other technical data.

**CHARGES**

Residential customers who elect, at any time, to opt-out of the Company's advanced metering infrastructure (AMI) system shall pay a one-time fee of \$100.00 and a recurring monthly fee of \$25.00. During the Metering Upgrade project deployment phase, if prior to an advanced meter being installed at a customer premise, any existing residential electric customer that elects to participate in this opt-out program, Duke Energy Kentucky will not charge the one-time set-up fee, providing the residential electric customer notifies the Company of such election in advance of the advanced meter being installed. Those residential customers electing to participate in this residential opt-out program will be subject to the ongoing \$25.00 per month ongoing charge. Following deployment completion, any residential customer who later elects to participate in the Opt-Out Program will be assessed the \$100 set-up fee in addition to the ongoing monthly charge.

**TERMS AND CONDITIONS**

The Company shall have the right to refuse to provide advanced meter opt-out service in either of the following circumstances:

- (a) If the customer has a history of meter tampering or unauthorized use of electricity at the current or any prior location.
- (b) If such a service creates a safety hazard to consumers or their premises, the public, or the electric utility's personnel or facilities.
- (c) If a customer does not allow the electric utility's employees or agents access to the meter at the customer's premises for either maintenance, connection/disconnection, or meter-reading.

**SERVICE REGULATIONS**

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Commission dated \_\_\_\_\_ in Case No. 2017-00321  
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**ENVIRONMENTAL SURCHARGE MECHANISM RIDER**

**APPLICABILITY**

Applicable to all retail sales in the Company's electric service area beginning with the billing month June 2018.

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**DEFINITIONS**

The Monthly Environmental Surcharge Factor (MESF) shall provide for monthly adjustments based on a percent of base revenues based on the difference between the environmental compliance costs in the base period and in the current period according to the following formula.

MESF = Current Period Environmental Surcharge Factor (CESF) minus the Base Period Environmental Surcharge Factor (BESF).

Where:

(1) CESF is the Current Period Environmental Revenue Requirement (E(m)) associated with the Commission approved environmental compliance projects / Monthly KY Retail Revenues (R(m)), where:

E(m) = The monthly amount of environmental compliance cost of Commission approved environmental compliance projects calculated as:

E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)Under Recovery

Where,

RORB = (RB/12)\*ROR

RB = the Environmental Compliance Rate Base, defined as electric plant in service for applicable environmental projects adjusted for accumulated depreciation, accumulated deferred taxes, accumulated investment tax credits, CWIP and emission allowance inventory.

ROR = the Rate of Return on the Environmental Compliance Rate Base, designated as the cost of debt and pretax cost of equity for environmental compliance plan projects approved by the Commission.

OE = the Operating Expenses, defined as the monthly depreciation expense, taxes other than income taxes, amortization expense, emission allowance expense and environmental reagent expense.

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EAS = proceeds from Emission Allowance Sales

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Prior Period Adjustment is the amount resulting from the amortization of amounts determined by the Commission during six-month and two-year reviews

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(Over) or Under Recovery is the one-month "true-up" adjustment.

Monthly Kentucky Retail Revenue R(m) = the average monthly revenue, excluding all rider revenues, for the last 12 month period.

The current expense month shall be the second month preceding the month in which the MESF is billed.

- (2) BESF is the Base Period Environmental Revenue Requirement associated with the Commission approved environmental compliance projects.

**INITIAL FACTOR VALUES**

MESF = 0.00000%

BESF = 0.00000%

**SERVICE REGULATIONS, TERMS AND CONDITIONS**

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

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**RIDER BDP  
BACKUP DELIVERY POINT CAPACITY RIDER**

**BACKUP DELIVERY POINT (TRANSMISSION/DISTRIBUTION) CAPACITY**

The Company will normally supply service to one premise at one standard voltage at one delivery point and through one meter to a Non-Residential Customer in accordance with the provisions of the applicable rate schedule and the Electric Service Regulations. Upon customer request, Company will make available to a Non-Residential Customer additional delivery points in accordance with the rates, terms and conditions of this Rider BDP.

**NET MONTHLY BILL**

1. Connection Fee  
The Connection Fee applies only if an additional metering point is required and will be based on customer's most applicable rate schedule.
  
2. Monthly charges will be based on the unbundled distribution and/or transmission rates of the customer's most applicable rate schedule and the contracted amount of backup delivery point capacity.
  
3. The Customer shall also be responsible for the acceleration of costs, if any, that would not have otherwise been incurred by Company absent such request for additional delivery points. The terms of payment may be made initially or over a pre-determined term mutually agreeable to Company and Customers that shall not exceed the minimum term. In each request for service under this Rider, Company engineers will conduct a thorough review of the customer's request and the circuits affected by the request. The customer's capacity needs will be weighed against the capacity available on the circuit, anticipated load growth on the circuit, and any future construction plans that may be advanced by the request.

**SPECIAL TERMS AND CONDITIONS**

The Company will provide such backup delivery point capacity under the following conditions:

1. Company reserves the right to refuse backup delivery capacity to any Customer where such backup delivery service is reasonably estimated by Company to impede or impair current or future electric transmission or distribution service.
  
2. The amount of backup delivery point capacity shall be mutually agreed to by the Company and the Customer because the availability of specific electric system facilities to meet a Customer's request is unique to each service location.
  
3. System electrical configurations based on Customer's initial delivery point will determine whether distribution and/or transmission charges apply to Customer's backup delivery point.
  
4. In the event that directly assigned facilities are necessary to attach Customer's backup delivery point to the joint transmission or distribution systems, Company shall install such facilities and bill Customer the Company's full costs for such facilities and installations.

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Issued pursuant to an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321

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Issued: September 1, 2017 Effective: October 1, 2017

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Issued by James P. Henning, President

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
Second Revised Sheet No.  
Cancels and Supersedes  
First Revised Sheet No. 79  
Page 2 of 2

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**SPECIAL TERMS AND CONDITIONS (Contd.)**

5. Energy supplies via any backup delivery point established under this Rider BDP will be supplied under the applicable rate tariff and/or special contract.
6. Company and the Customer shall enter into a service agreement with a minimum term of five years. This service agreement shall contain the specific terms and conditions under which Customer shall take service under this Rider BDP.
7. Company does not guarantee uninterrupted service under this rider.

**SERVICE REGULATIONS**

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

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Duke Energy Kentucky  
 4580 Olympic Blvd.  
 Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2  
Eighth Revised Sheet No. 80  
 Cancels and Supersedes  
Seventh Revised Sheet No. 80  
 Page 1 of 2

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**RIDER FAC  
 FUEL ADJUSTMENT CLAUSE**

**APPLICABLE**  
 In all territory service.

**AVAILABILITY OF SERVICE**  
 This schedule is a mandatory rider to all electric rate schedules.

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

$$\text{Fuel Cost Adjustment} = \frac{F(m)}{S(m)} - \$0.023837 \text{ per kWh}$$

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

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

**AVAILABILITY OF SERVICE (Contd.)**

Issued by authority of an Order of the Kentucky Public Service  
 Commission dated \_\_\_\_\_, in Case No. 2017-00321, (T)  
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 Issued: September 1, 2017 (T)  
 Effective: October 1, 2017 (T)  
 Issued by James P. Henning, President (T)

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Duke Energy Kentucky  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2  
~~Eighth~~ Revised Sheet No. 80  
Cancels and Supersedes  
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Page 2 of 2

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- (f) All fuel costs shall be based on a weighted-average inventory costing. The cost of fossil fuel shall include no items other than the invoice price of fuel less any cash or other discounts. The invoice price of fuel includes the cost of fuel itself and necessary charges for transportation of fuel from the point of acquisition to the unloading point, as listed in Account 151 of the FERC Uniform System of Accounts for Public Utilities and Licensees.
- (g) As used herein, the term "forced outages" means all non-scheduled losses of generation or transmission which require substitute power for a continuous period in excess of six (6) hours. Where forced outages are not as a result of faulty equipment, faulty manufacture, faulty design, faulty installations, faulty operation, or faulty maintenance, but are Acts of God, riot, insurrection, or acts of the public enemy, then the Company may, upon proper showing, with the approval of the Commission, include the fuel cost of substitute energy in the adjustment.

(3) Sales (S) shall be determined in kilowatt-hours as follows:

Add:

- (a) net generation
- (b) purchases
- (c) interchange in

Subtract:

- (d) inter-system sales including economy energy and other energy sold on an economic dispatch basis.
- (e) total system losses

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Commission dated \_\_\_\_\_, in Case No. 2017-00321

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Issued: ~~September 1, 2017~~  
Effective: ~~October 1, 2017~~  
Issued by James P. Henning, President

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Duke Energy Kentucky, Inc.  
 4580 Olympic Blvd  
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KY.P.S.C. Electric No. 2  
 Forty-Seventh Revised Sheet No 82  
 Cancels and Supersedes  
 Forty-Sixth Revised Sheet No 82  
 Page 1 of 2

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**RIDER PSM  
 PROFIT SHARING MECHANISM**

~~Deleted: OFF-SYSTEM POWER SALES AND EMISSION ALLOWANCE SALES~~

**APPLICABILITY**

Applicable to all retail sales in the Company's electric service area, excluding interdepartmental sales, beginning with the billing month October, 2017.

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**PROFIT SHARING RIDER FACTORS**

On a quarterly basis, the applicable energy charges for electric service shall be increased or decreased to the nearest \$0.000001 per kWh to reflect the sharing of net proceeds as outlined in the formula below.

~~Deleted: The Applicable energy charges for electric service shall be increased or decreased~~

$$\text{Rider PSM Factor} = (\text{OSS} + \text{NF} + \text{CAP} + \text{REC} + \text{R}) / \text{S} \times 0.90$$

~~Deleted: profits on off-system power sales and ancillary services, the net profits on sales of emission allowances and net margins on capacity transactions related to the acquisition of 100% of East Bend Unit 2.~~

where:

~~¶ The Company will compute its profits on off-system power sales and ancillary services, profits on emission allowance sales, and net margins on capacity transactions related to the acquisition of 100% of East Bend Unit 2 in the following manner:~~

OSS= Net proceeds from off-system power sales.

~~Deleted: Rider PSM Factor = ((P + A) + E + C + R)/S~~

NF = Net proceeds from non-fuel related Regional Transmission Organization charges and credits not recovered via other mechanisms.

~~Deleted: P = Eligible profits from off-system power sales for applicable month subject to sharing provisions established by the Commission in its Order in Case No. 2003-00252, dated December 5, 2003.~~

CAP= Net proceeds from: PJM charges and credits as provided for in the Commission's Order in Case No. 2014-00204, dated December 4, 2014; capacity sales; capacity purchases; capacity performance credits; and capacity performance assessments.

~~Comment [THC1]: I am not sure what this exactly means and if it is still needed. It seems like at the very least "and losses" should be added~~

REC= Net proceeds from the sales of renewable energy credits.

~~Deleted: A = All net profits related to its provision of ancillary services in markets administered by PJM per the Commission's Order in Case No. 2008-00489, dated January 30, 2009.~~

R = Reconciliation of prior period Rider PSM actual revenue to amount calculated for the period.

~~Deleted: All net profits on sales of emission allowances are credited~~

S = Current period sales in kWh as used in the Rider FAC calculation.

~~Deleted: C = Capacity revenue received from PJM associated with~~

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~~December 4, 2014~~

~~31~~

~~July 31~~

~~August 30~~

Issued by authority of an Order of the Kentucky Public Service Commission dated in Case No. 2017-00321

Issued: September 1, 2017

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd Erlanger, KY 41018	KY.P.S.C. Electric No. 2 Forty- <del>Seventh</del> Revised Sheet No 82 Cancels and Supersedes Forty- <del>Sixth</del> Revised Sheet No 82 Page 2 of 2	(T)	<input type="text" value="th"/>
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<u>Rate Group</u>	<u>Rate</u> (\$/ kWh)
Rate RS, Residential Service	0.000456
Rate DS, Service at Secondary Distribution Voltage	0.000456
Rate DP, Service at Primary Distribution Voltage	0.000456
Rate DT, Time-of-Day Rate for Service at Distribution Voltage	0.000456
Rate EH, Optional Rate for Electric Space Heating	0.000456
Rate GS-FL, General Service Rate for Small Fixed Loads	0.000456
Rate SP, Seasonal Sports Service	0.000456
Rate SL, Street Lighting Service	0.000456
Rate TL, Traffic Lighting Service	0.000456
Rate UOLS, Unmetered Outdoor Lighting	0.000456
Rate NSU, Street Lighting Service for Non-Standard Units	0.000456
Rate SC, Street Lighting Service – Customer Owned	0.000456
Rate SE, Street Lighting Service – Overhead Equivalent	0.000456
<u>Rate LED, LED Street Lighting Service</u>	<u>0.000456</u>
Rate TT, Time-of-Day Rate for Service at Transmission Voltage	0.000456
Other	0.000456

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<b>Deleted:</b> Rate OL, Outdoor Lighting Service
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<b>Deleted:</b> Rate NSP, Private Outdoor Lighting Service for Non-Standard Units
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Rider PSM credits, reductions to bills, are shown as positive numbers without parentheses. Rider PSM charges, increases to bills, are shown in parentheses.

**SERVICE REGULATIONS**

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

December 4, 2014
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July 31
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Issued: <u>September 1, 2017</u> Effective: <u>October 1, 2017</u> Issued by: James P. Henning, President	(T) (T)

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
~~Second Revised Sheet No.~~  
Cancels and Supersedes  
~~First Revised Sheet No. 85~~  
Page 1 of 1

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**RIDER BR**

**BROWNFIELD REDEVELOPMENT RIDER**

**AVAILABILITY**

Available to customers locating in a qualified "brownfield" redevelopment area as defined by Kentucky or federal law and served by existing primary service lines. Customers qualifying for service under this rider must enter into a Service Agreement and special contract with the Company. In order to receive service under this rider the special contract must be approved by the Kentucky Public Service Commission.

**NET MONTHLY BILLING**

The customer shall comply with all terms of the standard tariff rate under which the customer takes service except as contravened by the following.

- For the first 12 month period, the demand charge shall be reduced by 50 percent;
- For the second 12 month period, the demand charge shall be reduced by 40 percent;
- For the third 12 month period, the demand charge shall be reduced by 30 percent;
- For the fourth 12 month period, the demand charge shall be reduced by 20 percent;
- For the fifth 12 month period, the demand charge shall be reduced by 10 percent.

All subsequent billings shall be at the appropriate full standard service tariff rate.

**TERMS AND CONDITIONS**

The customer shall enter into a Service Agreement with the Company which shall specify, among other things, the voltage at which the customer will be served and monthly minimum levels of demand and usage.

The Special Contract shall be in effect for a minimum term of eight (8) years and the customer shall be billed monthly based on the greater of: (a) its actual monthly demand and usage levels; or (b) the minimum monthly demand and usage levels specified in its Service Agreement and Special Contract.

The terms of this rider do not preclude the Company from offering different terms under a special contract if the Company deems it appropriate. The Company is not obligated to extend, expand or rearrange its facilities if it determines that existing distribution/transmission facilities are of adequate capacity to serve the customer's load.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, in Case No. 2017-00321.

Issued: September 1, 2017, Effective: October 1, 2017,  
Issued by James P. Henning, President,

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 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
 Second Revised Sheet No. 86  
 Cancels and Supersedes  
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 Page 1 of 3

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**RIDER DIR**  
**DEVELOPMENT INCENTIVE RIDER**

**GENERAL**

Under the terms of this Rider, qualifying customers are required to enter into a Special Contract with the Company which Special Contract shall be subject to approval by the Kentucky Public Service Commission. The Development Incentive Rider consists of two separate programs designed to encourage development and/or redevelopment within the Company's service territory. These two programs are the Economic Development Program and the Urban Redevelopment Program. Each of these programs is described below.

**PROGRAM DESCRIPTIONS**

**Economic Development (ED) Program**

Available, at the Company's option, to non-residential customers receiving service under the provisions of one of the Company's non-residential tariff schedules. The ED Program is available for load associated with initial permanent service to new establishments, expansion of existing establishments, or new customers in existing establishments who make application to the Company for service under the ED Program of this Rider and the Company approves such application. The new load applicable under the ED Program must be a minimum of 1,000 kW at one delivery point. To qualify for service under the ED Program, the customer must meet the qualifications as set forth below. Further, the customer must have applied for and received economic assistance from the State or local government or other public agency before the Company will approve a Service Agreement under the ED Program. Where the customer is new to the Company's service area or is an existing customer expanding:

- 1) the Company would expect the customer employ an additional workforce in the Company's service area of a minimum of twenty-five (25) full-time equivalent (FTE) employees per 1,000 kW of new load. Employment additions must occur following the Company's approval for service under this Rider, and;
- 2) the Company would expect that the customer's new load would result in capital investment of one million dollars (\$1,000,000) per 1,000 kW of new load, provided that such investment is accompanied by a net increase in FTE employees employed by the customer in the Company's service area. This capital investment must occur following the Company's approval for service under this Rider.

The Company may also consider applying the ED Program to an existing customer who, but for economic incentives being provided by the State and/or local government or public agency, would leave the Company's service area. In this event, the customer must agree, at a minimum, to retain the current number of FTE employees.

The ED Program is not available to a new customer which results from a change in ownership of an existing establishment. However, if a change in ownership occurs after the customer enters into a Special Contract for service under the ED Program, the successor customer may be allowed to fulfill the balance of the Special Contract under the ED Program. The ED Program is also not available for renewal of service following interruptions such as equipment failure, temporary plant shutdown,

**PROGRAM DESCRIPTIONS (Contd.)**

strike, or economic conditions. The ED Program is not available for load shifted from one customer to another within the Company's service area.

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issued: September 1, 2017, Effective: October 1, 2017,

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4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
~~Second~~ Revised Sheet No. 86  
Cancels and Supersedes  
~~First Revised~~ Sheet No. 86  
Page 2 of 3

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**Urban Redevelopment (UR) Program**

Applicable to new customers locating in an existing building of 25,000 square feet or more, which has been unoccupied and/or remained dormant for a period of two years or more, as determined by the Company. The new customer load must be a minimum of 500 kW at one delivery point. In addition, the requested service necessary to serve the new load must not result in additional investment in distribution or transmission facilities by the Company, excepting that minor alterations in the service supplied which can be accomplished feasibly and economically may be allowed.

The UR Program is not available for renewal of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. The UR Program is also not available for load shifted from one establishment to another in the Company's service area. However, if a change of ownership occurs after the customer enters into a Special Contract under the UR Program, the successor customer may be allowed to fulfill the balance of the Special Contract under the UR Program.

**NET MONTHLY BILLING**

The customer shall comply with all terms of the standard tariff rate under which the customer takes service except that the customer's total bill for electric service, less any rate adjustment rider amounts as shown on the standard service tariff, shall be reduced by up to fifty (50) percent for a period of twelve (12) months. The customer will pay the full amount of the riders so indicated. The customer may request an effective date of the Rider which is no later than twelve (12) months after the Special Contract is approved and signed by the Company. All subsequent billings shall be at the appropriate full standard service tariff rate.

**TERMS AND CONDITIONS**

The Service Agreement shall specify, among other things, the voltage at which the customer will be served, a description of the amount and nature of the new load and the basis on which the customer requests qualification under this Rider. The customer must affirm that the availability of this Rider was a factor in the customer's decision to locate the new load or retain current load in the Company's service area.

For customers entering into a Service Agreement under this Rider due to expansion, the Company may install, at customer's expense, metering equipment necessary to measure the new load to be billed under the provisions of this Rider separate from the customer's existing load which shall be billed under the applicable standard tariff schedule.

Following the effective date of the Special Contract, the customer must maintain a minimum demand in accordance with the Service Agreement and maintain a monthly average load factor of 40 percent. Failure to do so will result in the customer being billed a minimum bill based on the minimum demand specified in the Service Agreement and a monthly average load factor of 40 percent.

**TERMS AND CONDITIONS (Contd.)**

The customer shall continue to take service from the Company at the same or greater demand and usage levels for a period of at least two (2) years following the twelve (12) month incentive period. The customer shall be billed monthly for two (2) years following the twelve (12) month incentive period based on the greater of: (a) its actual monthly demand and usage levels; or (b) its average demand and usage levels during the twelve (12) month incentive period.

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Issued: September 1, 2017.

Effective: October 1, 2017.

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
~~Second Revised~~ Sheet No. 86  
Cancels and Supersedes  
~~First Revised~~ Sheet No. 86  
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The terms of this rider do not prevent the Company from offering different terms under a special contract if the Company deems it appropriate. The Company is not obligated to extend, expand or rearrange its facilities if it determines that existing distribution/transmission facilities are of adequate capacity to serve the customer's load.

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

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Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, in Case No. 2017-00321

Issued: September 1, 2017 Effective: October 1, 2017

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
~~Third Revised Sheet No. 88~~  
Cancels and Supersedes  
~~Second Revised Sheet No. 88~~  
Page 1 of 2

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**RIDER GP**

**DUKE ENERGY'S GoGREEN KENTUCKY  
GREEN POWER / CARBON OFFSET RIDER**

**APPLICABILITY**

Applicable to any residential customer (Rate RS) who wishes to purchase "Green Power" and/or "Carbon Offsets" from Duke Energy's GoGreen Kentucky program. The pilot program will end December 31, 2012.

**DEFINITION OF GREEN POWER AND CARBON OFFSETS**

Green Power includes energy generated from renewable and/or environmentally friendly sources, including:

Wind, Solar Photovoltaic, Biomass Co-firing of Agricultural Crops and All energy crops, Hydro – as certified by the Low Impact Hydro Institute, Incremental Improvements in Large Scale Hydro, Coal Mine Methane, Landfill Gas, Biogas Digesters, Biomass Co-firing of All Woody Waste including mill residue, but excluding painted or treated lumber. Green Power includes the purchase of Renewable Energy Certificates.

Carbon Offsets are financial instruments representing a reduction in greenhouse gas emissions. One Carbon Credit represents the reduction of one metric ton of carbon dioxide (CO<sub>2</sub>) or its equivalent in other greenhouse gases. Each Carbon Offset available under this tariff represents a 500 pound (lbs) block reduction of CO<sub>2</sub> (approximately 1/4 of a Carbon Credit).

**NET MONTHLY BILL**

Customers who participate under this rider will be billed for electric service under all applicable tariffs including all applicable riders.

Green Power purchased under this rider, will be billed at the applicable Green Power rate times the number of 100 kWh blocks the customer has agreed to purchase per month.

The Green Power rate shall be \$2.00 per 100 kWh block with a minimum monthly purchase of two 100 kWh blocks.

Carbon Offsets purchased under this rider, will be billed at the applicable Carbon Offset rate times the number of Carbon Offsets the customer has agreed to purchase per month.

The Carbon Offset rate shall be \$4.00 per 500 lbs offset block.

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Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321

Issued: September 1, 2017

Effective: October 1, 2017

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Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
525 5th Street, Suite 228  
Covington, Kentucky 41011

KY.P.S.C. Electric No. 2  
Second Revised Sheet No. 88  
Cancels and Supersedes  
First Revised Sheet No. 88  
Page 2 of 2

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#### TERMS AND CONDITIONS

1. The customer shall enter into a service agreement with Company that shall specify the number of kWh blocks and/or Carbon Offsets to be purchased monthly and the corresponding rates(s) per unit. The Customer shall give Company thirty (30) days notice prior to cancellation of participation in this rider.
  2. Funds collected from this tariff will be used to purchase Renewable Energy Certificates (RECs) and/or carbon credits from renewable and environmentally friendly sources as described in the DEFINITION OF GREEN POWER AND CARBON OFFSETS section and for customer education, marketing, and costs of the GoGreen Power Program.
  3. Renewable Energy Certificate (REC) shall mean tradable units that represent the commodity formed by unbundling the environmental attributes of a unit of renewable or environmentally friendly energy from the underlying electricity. One REC would be equivalent to the environmental attributes of one MWH of electricity from a renewable or environmentally friendly generation source.
  4. Carbon Credit shall mean tradable units that represent the reduction of the release of a greenhouse gas in the equivalent of one metric ton of CO<sub>2</sub>. A Carbon Offset represents approximately ¼ of a Carbon Credit.
  5. Company reserves the right to terminate the Rider or revise the pricing or minimum purchase amount of the Rider after giving 60 days notice to the Kentucky Public Service Commission.
  6. Company may obtain RECs from purchased power, company owned generation, or third party brokers purchased with funds collected from this rider.
- Company may obtain Carbon Credits from third party brokers or company owned projects with funds collected from this rider.
- The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations, as filed with the Kentucky Public Service Commission.

Issued by authority of an Order of the Kentucky Public Service Commission dated February 5, 2010 in Case No. 2009-00408.

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Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

Duke Energy Kentucky, Inc.  
 4580 Olympic Blvd.  
 Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
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~~Third~~ Revised Sheet No. 89  
 Page 1 of 8

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**RIDER NM**  
**NET METERING RIDER**

**AVAILABILITY**

Net Metering is available to eligible customer-generators in the Company's service territory, upon request, and on a first-come, first-served basis up to a cumulative capacity of 1% of the Company's single hour peak load in Kentucky during the previous year. If the cumulative generating capacity of net metering systems reaches one percent (1%) of the Company's single hour peak load during the previous year, upon Commission approval, the Company's obligation to offer net metering to a new customer-generator may be limited. An eligible customer-generator shall mean a retail electric customer of the Company with a generating facility that:

- (1) Generates electricity using solar energy, wind energy, biomass or biogas energy, or hydro energy;
- (2) Has a rated capacity of not greater than thirty (30) kilowatts;
- (3) Is located on the customer's premises;
- (4) Is owned and operated by the customer;
- (5) Is connected in parallel with the Company's electric distribution system; and
- (6) Has the primary purpose of supplying all or part of the customer's own electricity requirements.

At its sole discretion, the Company may provide Net Metering to other customer-generators not meeting all the conditions listed above on a case-by-case basis.

The term "Customer" hereinafter shall refer to any customer requesting or receiving Net Metering services under this tariff.

**METERING**

The Company shall provide net metering services, without any cost to the Customer for metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. This provision does not relieve Customer of his or her responsibility to pay metering costs embedded in the utility's Commission-approved base rates.

The standard kilo-watt-hour metering system shall use one of the following methods, as determined solely by the Company:

- (1) A single standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions and registering the net amount in one register.
- (2) A single standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions and registering the amount of flow in each direction in two separate registers, one measuring the flow of electricity from the Company to the Customer and the other measuring the flow of electricity from the Customer to the Company.

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00321

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Issued: September 1, 2017 Effective: October 1, 2017

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Issued by James P. Henning, President

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, KY 41018

KY.P.S.C. Electric No. 2  
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**METERING (Cont'd.)**

- (3) If method (1) or (2) is not feasible, two standard kilowatt-hour meters may be used, one measuring the flow of electricity from the Company to the Customer and the other measuring the flow of electricity from the Customer to the Company.

In method (2) or (3), subtracting one register or meter reading from the other register or meter reading will yield the same result as if method (1) were used.

Any additional meter, meters, or distribution upgrades needed to monitor the flow in each direction shall be installed at the Customer's expense.

**BILLING**

The measurement of net electricity supplied by the Company and delivered to the Company shall be calculated in the following manner. The Company shall measure the difference between the amount of electricity delivered by the Company to the Customer and the amount of electricity generated by the Customer and delivered to the Company during the billing period, in accordance with one of the methods listed under "METERING". If the kWh delivered by the Company to the Customer exceeds the kWh delivered by the Customer to the Company during the billing period, the Customer shall be billed for the kWh difference. If the kWh generated by the Customer and delivered to the Company exceeds the kWh supplied by the Company to the Customer during the billing period, the Customer shall be credited in the next billing cycle for the kWh difference. Any unused credit when the Customer closes his account will be granted to the Company.

Bill charges and credits will be in accordance with the same standard tariff that would apply if the Customer were not a customer-generator. If time-of-use metering is used, the electricity fed back to the electric grid by the Customer shall be net-metered and accounted for at the specific time it is fed back to the electric grid in accordance with the time-of-use billing agreement currently in place.

Net metering credits are not transferable between customers or locations.

**APPLICATION AND APPROVAL PROCESS**

The Customer shall submit an Application for Interconnection and Net Metering ("Application") and receive approval from the Company prior to connecting the generator facility to the Company's system.

Applications will be submitted by the Customer and reviewed and processed by the Company according to either Level 1 or Level 2 processes defined below.

The Company may reject an Application for violations of any code, standard, or regulation related to reliability or safety; however, the Company will work with the Customer to resolve those issues to the extent practicable.

Customers may contact the Company to check on status of an Application or with questions prior to submitting an Application. Company contact information can be found on the Application form.

Application forms along with instructions on how to submit an application are available on the Company's website.

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**LEVEL 1**

A Level 1 Application shall be used if the generating facility is inverter based and is certified by a nationally recognized testing laboratory to meet the requirements of Underwriters Laboratories Standard 1741 "Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources" (UL 1741).

The Company will approve the Level 1 Application if the generating facility also meets all of the following conditions:

- (1) For interconnection to a radial distribution circuit, the aggregated generation on the circuit, including the proposed generating facility, will not exceed 15% of the Line Section's most recent annual one hour peak load. A line section is the smallest part of the primary distribution system the generating facility could remain connected to after operation of any sectionalizing devices.
- (2) If the proposed generating facility is to be interconnected on a single-phase shared secondary, the aggregate generation capacity on the shared secondary, including the proposed generating facility, will not exceed the smaller of 20 kVA or the nameplate rating of the transformer.
- (3) If the proposed generating facility is single-phase and is to be interconnected on a center tap neutral of a 240 volt service, its addition shall not create an imbalance between the two sides of the 240 volt service of more than 20% of the nameplate rating of the service transformer.
- (4) If the generating facility is to be connected to three-phase, three wire primary utility distribution lines, the generator shall appear as a phase-to-phase connection at the primary utility distribution line.
- (5) If the generating facility is to be connected to three-phase, four wire primary utility distribution lines, the generator shall appear to the primary utility distribution line as an effectively grounded source.
- (6) The interconnection will not be on an area or spot network<sup>1</sup>.
- (7) The Company does not identify any violations of any applicable provisions of IEEE 1547, "Standard for Interconnecting Distributed Resources with Electric Power Systems".
- (8) No construction of facilities by the Company on its own system will be required to accommodate the generating facility

<sup>1</sup>Area and spot networks are systems where multiple transformers are interconnected on the secondary side and multiple primary voltage circuits are used to feed the transformers. A spot network is typically used to serve a single building and the transformers are all in one location. An area network typically serves multiple customers with secondary conductors covering multiple city blocks and with transformers at various locations.

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#### LEVEL 1 (Cont'd)

If the generating facility does not meet all of the above listed criteria, the Company, in its sole discretion, may either: 1.) approve the generating facility under the Level 1 Application if the Company determines that the generating facility can be safely and reliably connected to the Company's system; or 2) deny the application as submitted under the Level 1 Application.

The Company shall notify the customer within 20 business days whether the application is approved or denied, based on the criteria provided in this section.

If the application lacks complete information, the Company shall notify the Customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the time to process the application.

The Customer shall be notified whether the application is approved in writing. The approval will be conditioned upon successful completion of an initial installation inspection and witness test if required by the Company. The Company's written approval will indicate if an inspection and witness test are required. If an inspection and witness test are required, the Customer shall notify the Company within 3 business days of completion of the generating facility installation and schedule an inspection and witness test with the Company to occur within 10 business days of completion of the generator facility installation or as otherwise agreed to by the Company and the Customer. If an inspection and witness test is required, the Customer may not operate the generating facility (except for operational testing not to exceed two hours) until successful completion of such inspection and witness test. If the installation fails the inspection or witness test due to non-compliance with any provision in the Application and Company approval, the Customer shall not operate the generating facility until any and all non-compliance is corrected and re-inspected by the Company.

If the Application is denied, the Company will supply the Customer with reasons for denial. The Customer may resubmit under Level 2 if appropriate.

#### LEVEL 2

A Level 2 Application is required under any of the following:

- (1) The generating facility is not inverter based;
- (2) The generating facility uses equipment that is not certified by a nationally recognized testing laboratory to meet the requirements of UL 1741; or
- (3) The generating facility does not meet one or more of the additional conditions under Level 1.

The Company will approve the Level 2 application if the generating facility meets the Company's technical interconnection requirements, which are based on IEEE 1547. The Company's technical interconnection requirements are available on the Company's website or upon request.

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**LEVEL 2 (Cont'd.)**

The Company will process the Level 2 Application within 30 business days of receipt of a complete application. Within that time the Company will respond in one of the following ways:

1. The application is approved and the Company will provide the Customer with an Interconnection Agreement to sign.
2. If construction or other changes to the Company's distribution system are required, the cost will be the responsibility of the Customer. The Company will give notice to the Customer and offer to meet to discuss estimated costs and construction timeframe. Should Customer agree to pay for costs and proceed, Company will provide the Customer with an Interconnection Agreement to sign within a reasonable time.
3. The application is denied. The Company will supply the Customer with reasons for denial and offer to meet to discuss possible changes that would result in Company approval. Customer may resubmit application with changes.

If application lacks complete information, Company shall notify Customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the 30 business day target to process the application.

The Interconnection Agreement will contain all the terms and conditions for interconnection consistent with those specified in this tariff, inspection and witness test requirements, description of and cost of construction or other changes to the Company's distribution system required to accommodate the generating facility, and detailed documentation of the generating facilities which may include single line diagrams, relay settings, and description of operation.

Customer may not operate the generating facility until an Interconnection Agreement is signed by the Customer and Company and all necessary conditions stipulated in the agreement are met.

**APPLICATION, INSPECTION AND PROCESSING FEES**

No application fees or other review, study, or inspection fees are charged by the Company for Level 1 or Level 2 applications.

**TERMS AND CONDITIONS FOR INTERCONNECTION**

To interconnect to the Company's distribution system, the Customer's generating facility shall comply with the following terms and conditions:

1. The Company shall provide Customer net metering services, without charge for standard metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. If the Customer requests any additional meter or meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the Customer's expense.

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**TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)**

2. Customer shall install, operate, and maintain, at Customer's sole cost and expense, any control, protective, or other equipment on the Customer's system required by the Company's technical interconnection requirements based on IEEE 1547, the NEC, accredited testing laboratories such as Underwriters Laboratories, and the manufacturer's suggested practices for safe, efficient and reliable operation of the generating facility in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance and safe operation of the generating facility. Upon reasonable request from the Company, Customer shall demonstrate generating facility compliance.
3. The generating facility shall comply with, and Customer shall represent and warrant its compliance with: (a) any applicable safety and power quality standards established by IEEE and accredited testing laboratories such as Underwriters Laboratories; (b) the NEC as may be revised from time to time; (c) Company's rules, regulations, and Company's Service Regulations as contained in Company's Retail Electric Tariff as may be revised from time to time with the approval of the Kentucky Public Service Commission (Commission); (d) the rules and regulations of the Commission, as such rules and regulations may be revised from time to time by the Commission; and (e) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time. Where required by law, Customer shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.
4. Any changes or additions to the Company's system required to accommodate the generating facility shall be considered excess facilities. Customer shall agree to pay Company for actual costs incurred for all such excess facilities prior to construction.
5. Customer shall operate the generating facility in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics or otherwise interfere with the operation of Company's electric system. At all times when the generating facility is being operated in parallel with Company's electric system, Customer shall so operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Company to any of its other customers or to any electric system interconnected with Company's electric system. Customer shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.
6. Customer shall be responsible for protecting, at Customer's sole cost and expense, the generating facility from any condition or disturbance on Company's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges, except that the Company shall be responsible for repair of damage caused to the generating facility resulting solely from the negligence or willful misconduct on the part of the Company.

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**TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)**

7. After initial installation, Company shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to Customer, Company shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance and operation of the generating facility comply with the requirements of this Tariff.
8. For inverter based systems that are certified by a nationally recognized testing laboratory to meet the requirements of UL 1741, the Company does not require a Customer owned external disconnect switch (EDS). For other generating facility types, an isolation device that satisfies the Company's technical interconnection requirements must be included. Where required by the Company, an eligible Customer shall furnish and install on Customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the Customer's energy generating equipment from Company's electric service under the full rated conditions of the Customer's generating facility. The EDS shall be located adjacent to Company's meters or the location of the EDS shall be noted by placing a sticker on the meter, and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the Customer shall be responsible for ensuring the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Company personnel at all times.
9. Company shall have the right and authority at Company's sole discretion to isolate the generating facility or require the Customer to discontinue operation of the generating facility if Company believes that: (a) continued interconnection and parallel operation of the generating facility with Company's electric system creates or contributes (or may create or contribute) to a system emergency on either Company's or Customer's electric system; (b) the generating facility is not in compliance with the requirements of this Tariff, and the non-compliance adversely affects the safety, reliability or power quality of Company's electric system; or (c) the generating facility interferes with the operation of Company's electric system. In non-emergency situations, Company shall give Customer notice of noncompliance including a description of the specific noncompliance condition and allow Customer a reasonable time to cure the noncompliance prior to isolating the Generating Facilities. In emergency situations, where the Company is unable to immediately isolate or cause the Customer to isolate only the generating facility, the Company may isolate the Customer's entire facility.
10. Customer shall agree that, without the prior written permission from Company, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components with like components that meet UL 1741 certification requirements for Level 1 facilities and not resulting in increases in generating facility capacity is allowed without approval.

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**TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)**

11. To the extent permitted by law, the Customer shall protect, indemnify and hold harmless the Company and its directors, officers, employees, agents, representatives and contractors against and from all loss, claims, actions or suits, including costs and attorneys fees, for or on account of any injury or death of persons or damage to property caused by the Customer or the Customer's employees, agents, representatives and contractors in tampering with, repairing, maintaining or operating the Customer's generating facility or any related equipment or any facilities owned by the Company except where such injury, death or damage was caused or contributed to by the fault or negligence of the Company or its employees, agents, representatives or contractors.

The liability of the Company to the Customer for injury to person and property shall be governed by the tariff(s) for the class of service under which the Customer is taking service.

12. The Customer shall maintain general liability insurance coverage (through a standard homeowner's, commercial or other policy) for both Level 1 and Level 2 generating facilities. Customer shall upon request provide Company with proof of such insurance at the time that application is made for net metering.

13. By entering into an Interconnection Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the generating facility equipment, controls, and protective relays and equipment.

14. A Customer's generating facility is transferable to other persons or service locations only after notification to the Company has been made and verification that the installation is in compliance with this tariff. Upon written notification that an approved generating facility is being transferred to another person, customer or location, the Company will verify that the installation is in compliance with this tariff and provide written notification to the customer(s) within 20 business days. If the installation is no longer in compliance with this tariff, the Company will notify the Customer in writing and list what must be done to place the facility in compliance.

15. The Customer shall retain any and all Renewable Energy Credits (RECs) that may be generated by their generating facility.

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**BAD CHECK CHARGE**

**APPLICABILITY**

Applicable to all customers in the Company's electric service area.

**CHARGE**

The Company may charge and collect a fee of \$11.00 to cover the cost of handling an unsecured check, where a customer tenders in payment of an account a check which upon deposit by the Company is returned as unpaid by the bank for any reason.

**SERVICE REGULATIONS**

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

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### CHARGE FOR RECONNECTION OF SERVICE

#### APPLICABILITY

Applicable to all customers in the Company's entire service area who are in violation of Section 1, Rule 3, Company's Right to Cancel Service Agreement or to Suspend Service, of the Company's Electric Service Regulations.

#### CHARGE

The Company may charge and collect in advance the following:

- A. The reconnection charge for service which has been disconnected due to enforcement of Rule 3 shall be twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely.
- B. The reconnection charge for service which has been disconnected within the preceding twelve months at the request of the customer shall be twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely.
- C. If service is discontinued because of fraudulent use thereof, the Company may charge and collect in addition to the reconnection charge of twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely. the expense incurred by the Company by reason of such fraudulent use, plus an estimated bill for electricity used, prior to the reconnection of service.
- D. If both the gas and electric services are reconnected at one time, the total charge shall not exceed eighty-eight dollars (\$88.00).
- E. Where electric service was disconnected at the pole because the Company was unable to gain access to the meter, the reconnection charge shall be one hundred twenty-five dollars (\$125.00). If the gas service is also reconnected the charge shall be one hundred fifty dollars (\$150.00).
- F. If the Company receives notice after 2:30 p.m. of a customer's desire for same day reinstatement of service and if the reconnection cannot be performed during normal business hours, and the reconnection cannot be performed remotely, the after hour reconnection charge for connection shall be an additional twenty-five dollars (\$25.00). Customers will be notified of the additional \$25.00 charge for reconnection at the meter or at the pole at the time they request same day service.
- G. If a Company employee, whose original purpose was to disconnect the service, has provided the customer a means to avoid disconnection, service which otherwise would have been disconnected shall remain intact, and no reconnection charge shall be assessed. However, a collection charge of fifty dollars (\$50.00) may be assessed, but only if a Company employee actually makes a field visit to the customer's premises.

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#### SERVICE REGULATIONS

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

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RATE DPA

DISTRIBUTION POLE ATTACHMENTS

**APPLICABILITY**

Applicable to the attachment of cable television systems and other qualifying attachments to any distribution pole of the Company by a person (attachee) who makes application on an appropriate Company form with submission of information and documents specified herein and in the application. Attachee must contract with Company. Attachees with active joint use agreements are excluded from this rate. This rate does not expand the rights to attach to the Company's structures beyond rights established by law.

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Comment [BLS1]: per our discussion, I don't think our rate limits attachments to distribution poles. That could be because of the statement that DEO actually owns all the transmission poles in DEK. I would like to designate that this tariff does not permit attachments to street light only poles leased to other customers. We could say that but Rocco, is it reasonable to insert Distribution here and in the Applicability section?

**ATTACHMENT CHARGES**

The following annual rental rate per foot of pole shall be charged for the use of each of the Company's poles:

\$6.35 per foot for a two-user pole.

\$5.31 per foot for a three-user pole.

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A two-user pole is a pole being used, either by actual occupation or by reservation, by the attachee and the Company. A three-user pole is a pole being used, either by actual occupation or by reservation, by the attachee, the Company and a third party.

**PAYMENT**

Attachee shall pay to the Company for all authorized attachments an annual rental, as set forth above, for the use of each of the Company's pole, any portion of which is occupied by, or reserved at attachee's request for the attachments of attachee, at any time during the initial rental year. The first annual payment of rental for the previous rental year shall be due and payable on the first anniversary date of attachee's application. Subsequent payments of annual rental shall be due and payable on each succeeding anniversary date thereof.

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As newly authorized attachments are made after the initial rental year, rentals for such attachments shall be paid for the entire year if made within the six month period after any anniversary date, and for on-half year if made during the following six month period. For any attachments removed by attachee and for which the Company shall have received written notice from attachee, the yearly rental shall be prorated to the date of removal.

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All fees, charges and rentals provided for herein not paid when due and payable shall bear interest at the maximum rate permitted by law from the date when due, until paid.

**TERMS AND CONDITIONS**

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, 2017, in Case No. 2017-00321.

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Issued: September 1, 2017,

Effective: October 1, 2017,

Issued by James P. Henning, President

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2  
Second Revised Sheet No.  
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1. Prior to the signing of the application, attachee shall send the Company all manufacturers' technical manuals and information, and construction standards and manuals regarding the equipment attachee proposes to use pursuant to the provisions contained herein and such other information as requested by the Company.
2. After the Company has received a signed application from attachee and before any attachment is made by attachee, it shall make a written request for permission to install attachments on any pole of the Company, specifying the location of each pole in question, the character of its proposed attachments and the amount and location of space desired. Within 30 days after receipt of such application, the Company shall notify attachee in writing whether or not it is willing to permit the attachments and, if so, under what conditions. If such permission is granted, attachee shall have the right to occupy the space allotted by the Company under the conditions specified in such permit and in accordance with the terms contained herein but Company shall not be required to set a pole for the sole use by attachee. Company will not deny attachee the right to attach to a pole, if space is or can be made available.
3. All attachments are to be placed on poles of the Company in a manner satisfactory to the Company and so as not to interfere with the present or any future use which the Company may desire to make of such poles, wires or other facilities. All attachments shall be installed and maintained by attachee so as to comply at least with the minimum requirements of the National Electrical Safety Code and any other applicable regulations or codes promulgated by federal, state, local or other governmental authority having jurisdiction. Attachee shall take any necessary precautions, by the installation of protective equipment or other means, to protect all persons and property of all kinds against injury or damage occurring by reason of attachee's attachments on the Company's poles. The Company shall be the sole judge as to the requirements for the present or future use of its poles and equipment and of any interference therewith.
4. In any case where it is necessary for the Company to replace a pole because of the necessity of providing adequate space or strength to accommodate the attachments of attachee thereon, either at the request of attachee or to comply with the above codes and regulations, the attachee shall pay the Company the total cost of this replacement. Such cost shall be the total estimated cost of the new pole including material, labor, and applicable overheads, plus the cost of transferring existing electric facilities to the new pole, plus the cost of removal of the existing pole and any other incremental cost required to provide for the attachments of the attachee, including any applicable taxes the Company may be required to pay because of this change in plant, minus salvage value of any poles removed.

**TERMS AND CONDITIONS (Contd.)**

Attachee shall also pay to the Company and other owners thereof the cost of removing all existing attachments from the existing pole and re-establishing the same or like attachments on the newly installed pole. The new pole shall be the property of the Company regardless of any payments by attachee towards its cost and attachee shall acquire no right, title or interest in

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such pole.

5. If attachee's proposed attachments can be accommodated on existing poles of the Company by rearranging facilities of the Company and of other attachees or permittees thereon, such rearrangement shall be made by the Company and such other attachees or permittees, and attachee shall on demand reimburse the Company and such other attachees or permittees for any expense incurred by them in transferring or rearranging such facilities. Any additional guying required by reason of the attachments of attachee shall be made by attachee at its expense, and to the satisfaction of the Company.
6. Whenever the Company discovers any unauthorized attachments of attachee, attachee shall pay to the Company an amount equal to twice the rental that would have been due had the installation been made the day after the Company's last inspection. The payment of these charges shall not relieve attachee of any responsibility, obligation imposed by law or assumed herein.
7. Whenever the Company notifies attachee in writing that the attachments of attachee interfere with the operation of facilities of the Company or other attachees or permittees, or constitute a hazard to the service rendered by the Company or other attachees or permittees, or fail to comply with codes or regulations above-mentioned, or are substandard in any way, attachee shall within 10 days after the date of such notice, remove, rearrange, or change its attachments as directed by the Company. In case of emergency, the Company reserves the right to remove or relocate the attachments of attachee at attachee's expense and without notice.
8. Attachee agrees to indemnify and save harmless Company from and against any and all liability, loss, damage, costs, attorney fees, or expense, of whatsoever nature or character, arising out of or occasioned by any claims or any suit for damages, injunction or other relief, on account of injury to or death of any person, or damage to any property including the loss of use thereof, or on account of interruption of attachee's service to its subscribers or others, or for public charges and penalties for failure to comply with federal, state or local laws or regulations, growing out of or in connection with any actual or alleged negligent act or omission, whether said negligence is sole, joint or concurrent, of attachee or its servants, agents or subcontractors, whether or not due in part to any act, omission or negligence of Company or any of its representatives or employees. Company may require attachee to defend any suits concerning the foregoing, whether such suits are justified or not.

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**TERMS AND CONDITIONS (Contd.)**

9. Attachee agrees to obtain and maintain at all times during the period attachee has attachments on Company's poles, policies of insurance or bonds in lieu thereof providing an equivalent protection as follows:

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- (a) Public liability and automobile liability insurance for itself in an amount not less than \$500,000.00 for bodily injury to or death of any one person, and, subject to the same limit for any one person, in an aggregate amount not less than \$1,000,000.00 for any one occurrence.
- (b) Property damage liability insurance for itself in an amount not less than \$500,000.00 for any one occurrence.
- (c) Contractual liability insurance in the amounts set forth in (a) and (b) above, to cover the liability assumed by the attachee under the agreements of indemnity set forth herein.
10. Prior to making attachments to the Company's poles, attachee shall furnish to the Company two copies of a certificate or bond, from an insurance carrier or bond company acceptable to the Company, stating the policies of insurance or bond have been issued by it to attachee providing for the insurance or indemnity listed above and that such policies or bonds are in force. Such certificate shall state that the insurance carrier or bond company will give the Company 30 days prior written notice of any cancellation of or material change in such policies or bonds. The certificate or bond shall also quote in full the agreements of indemnity set forth herein as evidence of the type of contractual liability coverage furnished. If such certificate or bond recites that it is subject to any exceptions or exclusions, such exceptions or exclusions shall be stated in full in such certificate or bond, and the Company may, at its discretion, require attachee, before starting work, to obtain policies of insurance or bonds which are not subject to any exceptions or exclusions which the Company finds objectionable.
11. The Company reserves the right, without liability to attachee or its subscribers, to discontinue the use of, remove, replace or change the location of any or all of the Company's poles, attachments or facilities regardless of any occupancy of the Company's poles by attachee, and attachee shall at its sole cost after written notice by the Company, make such changes in, including removal or transfer of, its attachments as shall be required by such action of the Company. Attachee shall make such changes within 10 days after written notice when such movement is to the same or another pole of Company and within 30 days when Company plans to abandon a pole and no other pole is available or planned to be installed by Company. If attachee fails to make such changes within the required time period after written notice by the Company or in case of an emergency, the Company reserves the right to make such changes to the attachments of attachee at attachee's expense and without notice, and no liability therefor shall be incurred by the Company, unless Company is solely negligent, because of such action for any consequential damages, including but not limited to loss of service to customers of attachee. Company may not require that attachee remove attachments for the sole reason to make room for Company on an existing pole.
12. Attachee may at any time abandon the use of a jointly used pole hereunder by removing therefrom all of its attachments and by giving written notice thereof to the Company.

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13. Attachee shall secure any right, license or permit from any governmental body, authority, or other person or persons which may be required for the construction or maintenance of attachments of attachee, at its expense. The Company does not guarantee any easements, rights-of-way or franchises for the construction and maintenance of such attachments. Attachee hereby agrees to indemnify and save harmless the Company from any and all claims, including the expenses incurred by the Company to defend itself against such claims, resulting from or arising out of the failure of attachee to secure such right, license, permit or easement for the construction or maintenance of such attachments on the Company's poles.
14. Electric service for cable television power supplies and other attachments of attachee shall be supplied from the lines of the Company in the manner specified by the Company.
15. The Company shall have the right, from time to time while any poles are being used by attachee, to grant, by contract or otherwise, to others, rights or privileges to use any poles being used by attachee, and the Company shall have the right to continue and extend any such rights or privileges heretofore granted. The attachment privileges granted hereunder to an attachee shall at all times be subject to all previously granted rights pursuant to agreements between Company and others covering poles in joint use but shall not be subject to subsequently granted rights.
16. Attachee shall furnish bond, as specified by the Company, to guarantee the performance of the obligations assumed by attachee under the terms herein contained not otherwise covered by the insurance required by paragraph 9. Such bond shall be submitted to the Company prior to attachee's making attachments to the Company's poles. The amount of the bond may be reduced after the construction phase has been completed, and after attachee has proven to be a reliable utility customer. Allowance of such reduction shall not be unreasonably denied.
17. In case one party is obligated to perform certain work at its own expense and the parties mutually agree in writing that it is desirable for the other party to do such work, then such other party shall promptly do the work at the sole expense of the party originally obligated to perform the same. Bills for expense so incurred shall be due and payable within 30 days after presentation.

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**TERMS AND CONDITIONS (Contd.)**

18. If attachee fails to comply with any of the provisions herein contained or defaults in the performance of any of its obligations herein contained and fails within 60 days after written notice from the Company to correct such default or non-compliance, the Company may, at its option, forthwith terminate the specific permit or permits covering the poles and attachee's attachments to which such default or non-compliance is applicable and any or all other permits of attachee, and remove attachments of attachee at attachee's expense, and no liability therefor

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shall be incurred by the Company because of such action except damages to facilities caused by the sole negligence of Company.

19. The area covered by the application will be set forth on a map, attached to, and made a part of the application. Such area may be extended or otherwise modified by a supplemental agreement mutually agreed upon and signed by the attachee and the Company with a new map attached thereto showing the changed area to be thereafter covered by the application. Such supplement shall be effective as of the date of final execution thereof and shall be attached to all executed copies of the application.
20. If attachee does not exercise the rights granted herein within six months from the date of the application, the application shall be void.
21. The provisions herein shall be binding upon and inure to the benefit of the parties thereto, their respective successors and/or assigns, but attachee shall not assign, transfer or sublet any of the rights hereby granted or obligations hereby assumed without the prior written consent of the Company.

**SERVICE REGULATIONS**

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

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KY. P.S.C. Electric No. 2  
Third Revised Sheet No. 93  
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**COGENERATION AND SMALL POWER  
PRODUCTION SALE AND PURCHASE TARIFF-100 KW OR LESS**

**APPLICABILITY**

The provisions of this tariff are applicable to qualifying cogeneration and small power production facilities as adopted by the Kentucky Public Service Commission (Ky. PSC), Regulation 807 KAR 5:054.

**DEFINITIONS**

Definitions of the following terms are as adopted by the Ky. PSC, 807 KAR 5:054 - Section 2:

- |                                     |                          |
|-------------------------------------|--------------------------|
| (1) Qualifying Facility             | (7) Interconnection Cost |
| (2) Cogeneration Facility           | (8) Supplementary Power  |
| (3) Small Power Production Facility | (9) Back-up Power        |
| (4) Purchase                        | (10) Interruptible Power |
| (5) Sale                            | (11) Maintenance Power   |
| (6) Avoided Cost                    | (12) System              |

**OBLIGATIONS**

- (1) Purchases  
The utility shall purchase from qualifying facilities in accordance with 807 KAR 5:054 - Sections 6 and 7.
- (2) Sales  
The utility shall sell to qualifying facilities in accordance with 807 KAR 5:054 - Section 6.
- (3) Interconnections  
The utility shall make interconnections with qualifying facilities as may be necessary to accomplish purchases or sales and the qualifying facility will pay for the interconnection costs in accordance with 807 KAR 5:054 - Section 6.
- (4) System Emergencies  
During system emergencies the utility may discontinue purchases and sales or the qualifying facilities may be required to provide energy or capacity in accordance with 807 KAR 5:054 - Section 6.

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**STANDARDS FOR OPERATING RELIABILITY**

The technical requirements necessary for operating reliability are set forth in the Company's procedure entitled "Guideline Technical Requirements for Parallel Operation of Customer Generation on the Transmission System."

**RATE SCHEDULES**

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. \_\_\_\_\_  
2017-00321  
Issued: September 1, 2017, Effective: October 1, 2017

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Rates for Purchases from qualifying facilities:

(1) Energy Purchase Rate

The purchase rate shall be \$0.027645/kWh for all kilowatt-hours delivered.

(2) Capacity Purchase Rate

The purchase rate shall be \$3.90/kW-month for eligible capacity utilized by Company and approved by PJM in Company's Fixed Resource Requirements (FRR) plan. Capacity purchases are only applicable when Company requires additional capacity beyond Company owned capacity. No capacity purchase will be made if QF cannot satisfy Company's capacity need or Company does not have a capacity need. Capacity purchases are applicable to delivery years in which capacity is utilized to meet capacity requirements in Company's FRR or successor plan. QF must enter into a written contract with the Company to receive capacity payment. QF is responsible for cost of all facilities on QF's site to meet and maintain eligibility as a PJM capacity resource. QF is subject to all non-performance costs levied by PJM or successor, the Kentucky Public Service Commission, or other applicable entity related to non-performance of QF's facility.

\* Rates for Sales to qualifying facilities will be accomplished through existing tariff schedules on file with the Ky. PSC.

SERVICE REGULATIONS, TERMS AND CONDITIONS

The QF shall enter into a written contract with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.

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

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KY.P.S.C. Electric No. 2  
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**COGENERATION AND SMALL POWER  
PRODUCTION SALE AND PURCHASE TARIFF-GREATER THAN 100 kW**

**APPLICABILITY**

The provisions of this tariff are applicable to qualifying cogeneration and small power production facilities as adopted by the Kentucky Public Service Commission (Ky. PSC), Regulation 807 KAR 5:054.

**DEFINITIONS**

Definitions of the following terms are as adopted by the Ky. PSC, 807 KAR 5:054 - Section 2:

- |                                     |                          |
|-------------------------------------|--------------------------|
| (1) Qualifying Facility             | (7) Interconnection Cost |
| (2) Cogeneration Facility           | (8) Supplementary Power  |
| (3) Small Power Production Facility | (9) Back-up Power        |
| (4) Purchase                        | (10) Interruptible Power |
| (5) Sale                            | (11) Maintenance Power   |
| (6) Avoided Cost                    | (12) System              |

**OBLIGATIONS**

- (1) Purchases  
The utility shall purchase from qualifying facilities in accordance with 807 KAR 5:054 - Sections 6 and 7.
- (2) Sales  
The utility shall sell to qualifying facilities in accordance with 807 KAR 5:054 - Section 6.
- (3) Interconnections  
The utility shall make interconnections with qualifying facilities as may be necessary to accomplish purchases or sales and the qualifying facility will pay for the interconnection costs in accordance with 807 KAR 5:054 - Section 6.
- (4) System Emergencies  
During system emergencies the utility may discontinue purchases and sales or the qualifying facilities may be required to provide energy or capacity in accordance with 807 KAR 5:054 - Section 6.

**STANDARDS FOR OPERATING RELIABILITY**

The technical requirements necessary for operating reliability are set forth in the Company's procedure entitled "Guideline Technical Requirements for Parallel Operation of Customer Generation on the Transmission System."

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**RATE SCHEDULES**

Rates for Purchases from qualifying facilities:

(1) Energy Purchase Rate

The Purchase Rate for all kilowatt-hours delivered shall be the PJM Real-Time Locational Marginal Price for power at the DEK Aggregate price node, inclusive of the energy, congestion and losses charges, for each hour of the billing month.

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(2) Capacity Purchase Rate

The purchase rate shall be \$3.90/kW-month for eligible capacity utilized by Company and approved by PJM in Company's Fixed Resource Requirements (FRR) plan. Capacity purchases are only applicable when Company requires additional capacity beyond Company owned capacity. No capacity purchase will be made if QF cannot satisfy Company's capacity need or Company does not have a capacity need. Capacity purchases are applicable to delivery years in which capacity is utilized to meet capacity requirements in Company's FRR or successor plan. QF must enter into a written contract with the Company to receive capacity payment. QF is responsible for cost of all facilities on QF's site to meet and maintain eligibility as a PJM capacity resource. QF is subject to all non-performance costs levied by PJM or successor, the Kentucky Public Service Commission, or other applicable entity related to non-performance of QF's facility.

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Rates for Sales to qualifying facilities will be accomplished through existing tariff schedules on file with the Ky. PSC.

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**SERVICE REGULATIONS, TERMS AND CONDITIONS**

The QF shall enter into a written contract with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.

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**LOCAL FRANCHISE FEE**  
**APPLICABLE TO ALL RATE SCHEDULES**

There shall be added to the customer's bill, listed as a separate item, an amount equal to the fee now or hereafter imposed by local legislative authorities, whether by ordinance, franchise or other means, which fee is based on the gross receipts collected by the Company from the sale of electricity to customers within the boundaries of the particular legislative authority. Such amount shall be added exclusively to bills of customers receiving service within the territorial limits of the authority imposing the fee.

Where more than one such fee is imposed, each of the charges applicable to each customer shall be added to the customer's bill and listed separately.

Where the local legislative authority imposes a flat, fixed amount on the Company, the fee applied to the bills of customers receiving service within the territorial boundaries of that authority, shall be in the form of a flat dollar amount.

The amount of such fee added to the customer's bill shall be determined in accordance with the terms of the ordinance, franchise or other directive agreed to by the Company.

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**RATE UDP-R**

**UNDERGROUND RESIDENTIAL DISTRIBUTION POLICY**

**APPLICABILITY**

Applicable to the electric service of: 1. single family houses in increments of ten (10) or more contiguous lots with a maximum lot width of one hundred twenty (120) feet; or 2. multi-family dwellings in buildings containing five (5) or more individually metered family units. Rate UDP-R is available throughout the service area of the Company in those situations where the Company extends its distribution lines using pad-mounted transformers to serve new developments.

**CHARGES**

The following charges will be assessed:

1. Single Family Houses.
  - A. \$2.15 per front foot for all primary extensions. Primary extension on private property will be charged \$2.15 per linear trench foot; and
  - B. An additional \$2.00 per linear trench foot shall be charged where extremely rocky conditions are encountered, such conditions being defined as limestone or other hard stratified material in a continuous volume of at least one cubic yard or more which cannot be removed using ordinary excavation equipment.

2. Multi-Family Units.

There shall be no charge except where extremely rocky conditions are encountered, then the \$2.00 per linear trench foot, as stated and defined above, shall be charged.

3. Targeted Underground for Service Improvement

Notwithstanding the above charges and upon Kentucky Public Service Commission approval, Company will waive above charges, maintain, and take ownership of customer service lines and equipment (curb, property line, or service lateral to the meter base) to and including the electric meter. This provision applies only to Company designated installations identified to improve the resiliency of service to the customer.

**GENERAL CONDITIONS**

1. Others shall, in accordance with the specification of the Company and local inspection authority, furnish, install, own and maintain the customer services excluding installations falling under Charges section Item 3 above. The Company shall connect the customer service cable to its

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distribution system and provide and install pull-boxes, if necessary.

2. The Developer shall furnish and install all conduit and crossovers required by the Company, including all areas where paving is installed prior to the installation of the Company's distribution facilities, and be responsible for installing and maintaining these crossovers in accordance with the Company's specifications and location plans until the underground electric line is completed. A Company inspector must approve all crossovers before the trenches are backfilled; and the Developer shall stake each end of every crossover with a stake marked "ELEC." The Company shall determine where conduit and crossovers are required.
3. The Developer shall complete and be responsible for maintaining final grade within the right-of-way and the street until the street has been dedicated and accepted by the local government.
4. The Company shall determine the route of all Company-owned underground electric line extensions. Such facilities must be located so as to accessible at all times for switching and maintenance.
5. The point at which the underground distribution system begins shall be determined by the Company and the overhead primary extension to this point may be installed as open-wire conductors.
6. The Company shall determine equipment locations and such facilities must be accessible from adequate driveways, protected from mechanical hazards and placed so as to maintain proper clearance from building openings.
7. The Company shall determine the number of customers to be served from each transformer or pull-box, where meters shall be located and how they shall be grouped.
8. The Developer, at the Company's option, may be required to pay to the Company a deposit on the contracted charges when the agreement is executed. The Developer shall pay to the Company the balance due under said agreement at the Company's preconstruction meeting, at which time the work performed by the Company is scheduled.
9. The Developer shall furnish to the Company the required number of plat drawings approved by governmental authorities having jurisdiction, and any revisions of such plats, which shall indicate the location of all proposed driveways, parking areas, building openings and sewer, water, gas and telephone facilities.

**GENERAL CONDITIONS (Contd.)**

10. The Developer shall stake all required lot corners or control points along the cable route as specified by the Company.

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11. The Developer shall complete final grade of distribution line route before construction work is started and be responsible for maintaining same during construction. The Company shall permit a maximum cut of six inches for sidewalk and driveways after their facilities have been installed. No fill will be permitted after the Company's facilities have been installed except by written permission from the Company. If it is necessary to change the grade of the Company's facilities due to changes by the Developer, all costs of the change shall be borne by the Developer.
12. The underground construction area shall be clear of all other construction forces and, after the underground construction has begun, it shall not be interrupted by other construction forces.
13. The Developer shall enter into a written agreement with the Company. This agreement and an attached plan shall constitute written notice when Developer has signed said agreement and the ENDORSEMENT attached to said plat, accepting the location of underground electric facilities as shown thereon. Any additional engineering required or extra construction costs required by the Company shall be borne by the Developer.
14. The Developer shall grant to the Company, on its applicable forms, all rights-of-way which in the opinion of the Company are necessary or desirable for such extensions.
15. Should the Developer request additional facilities, different routing or termination points, or changes in the facilities planned or installed, the Developer shall pay the total estimated cost to the Company for such additional facilities or changes.
16. The Developer shall also pay the cost of any repairs or replacement to the distribution system resulting from the negligent act of acts of the Developer, his agents, workmen, contractors or tenants.

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**RATE UDP-G**

**GENERAL UNDERGROUND DISTRIBUTION POLICY**

**APPLICABILITY**

Applicable to electric service of: 1. single family houses or multi-family dwellings that do not qualify under the Applicability of the Underground Residential Distribution Policy; 2. commercial and industrial customers; or 3. special situations. Rate UDP-G is available throughout the service area of the Company in those situations where the Company extends its distribution lines to serve new developments and Company designated installations identified to improve the resiliency of service to customers not covered by the Underground Residential Distribution Policy.

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**CHARGES**

The charges shall be the difference between the Company's estimated cost to provide an underground system and the Company's estimated cost to provide an overhead system. In addition to the differential charge, the following provisions are applicable:

1. Single Family Houses or Multi-Family Units.

The customer may be required to provide the necessary trenching, backfilling, conduit system (if required) and transformer pads in place to Company's specifications.

2. Commercial and Industrial Units.

The customer shall:

- a) Provide the necessary trenching and backfilling;
- b) Furnish, install (concrete, if required), own and maintain all primary and/or secondary conduit system (with spares, if required) on private property meeting applicable codes and Company's specifications; and
- c) Provide the transformer pad and secondary conductors.

3. Special Situations

In those situations where the Company considers the pad-mounted transformer installations unsuitable, the customer shall provide the vault designed to meet National Electric Code, other applicable codes, and Company specifications, the conduit to the vault area and the secondary cable to the transformer terminals. The Company shall provide the transformers, the primary vault wiring and make the secondary connection to the transformer terminals.

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**CHARGES (Cont'd.)**

In large multiple cable installations, the customer shall provide the cable, provide and install the step bus mounted in the vault, and make necessary cable connections to the step bus to the Company's specifications. The Company shall provide and install connections from the transformer terminals to the step bus.

The customer shall extend the bus duct into the vault to the Company's specifications. The Company shall provide and install connections from the transformer terminals to the bus duct.

4. Targeted Underground for Service Improvement

Notwithstanding the above charges and upon Kentucky Public Service Commission approval, Company will waive above charges, maintain, and take ownership of customer service lines and equipment (curb, property line, or service lateral to the meter base) to and including the electric meter. This provision applies only to Company designated installations identified to improve the resiliency of service to the customer.

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**GENERAL CONDITIONS**

1. Other shall, in accordance with the specifications of the Company and local inspection authority, furnish, install, own and maintain the customer services excluding installations falling under Charges section Item 4 above. The Company shall connect the customer service to its distribution system and provide and install pull boxes, if necessary.
2. The customer shall furnish and install all conduit systems required by the Company, and be responsible for maintaining the conduit system in accordance with the Company's specifications and location plans until the underground electric line is completed. A Company inspector must approve all conduit systems before the trenches are backfilled; and the customer shall stake each end of every crossover with a stake marked "ELEC." The Company shall determine where conduit systems are required.
3. The customer shall complete and be responsible for maintaining final grade within the right-of-way and the street until the street has been dedicated and accepted by the local government.
4. The Company shall determine the route of all Company-owned underground electric line extensions. Such facilities must be located so as to be accessible at all times for switching and maintenance.
5. The point at which the underground distribution system begins shall be determined by the Company and the overhead primary extension to this point may be installed as open-wire conductors.

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6. The Company shall determine equipment locations and such facilities must be accessible from adequate driveways, protected from mechanical hazards and placed so as to maintain proper clearance from building openings.
7. The Company shall determine the number of customer to be served from each transformer or pull-boxes, where meters shall be located and how they shall be grouped.
8. The customer, at the Company's option, may be required to pay to the Company a deposit on the contracted charges when the agreement is executed. Upon completion of construction of the underground electric facilities, the customer shall pay to the Company the balance due under said **GENERAL CONDITIONS (Cont'd.)** agreement.
9. The customer shall furnish to the Company the required number of plat drawings approved by governmental authorities having jurisdiction, and any revisions of such plats, which shall indicate the location of all proposed driveways, parking areas, building openings and sewer, water, gas, telephone and CATV facilities.
10. The customer shall stake all required lot corners or control points along the cable route as specified by the Company.
11. The customer shall complete final grade of distribution line route before construction work is started and be responsible for maintaining same during construction. The Company shall permit a maximum cut of six inches for sidewalk and driveways after their facilities have been installed. No fill will be permitted after the Company's facilities have been installed except by written permission from the Company. If it is necessary to change the grade of the Company's facilities due to changes by the customer, all costs of the change shall be borne by the customer.
12. The underground construction area shall be clear of all other construction forces and, after the underground construction has begun, it shall not be interrupted by other construction forces.
13. The customer shall enter into a written agreement with the Company. This agreement and an attached plat shall constitute written notice when customer has signed said agreement and/or the ENDORSEMENT attached to said plat, accepting the location of underground electric facilities as shown thereon. Any additional engineering required or extra construction costs required of the Company shall be borne by the customer.
14. The customer shall grant to the Company, on its applicable forms, all rights-of-way which in the opinion of the Company are necessary or desirable for such extensions.
15. Should the customer request additional facilities, different routing or termination points, or changes in

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the facilities planned or installed, the customer shall pay the total estimated cost to the Company for such additional facilities or changes.

16. The customer shall also pay the cost of any repairs or replacement to the distribution system resulting from the negligent act or acts of the customer, his agents, workmen, contractors or tenants.
17. The customer will not be required to pay the differential in cost between a pad-mounted and pole-mounted transformer.

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**ELECTRICITY EMERGENCY PROCEDURES**  
**FOR**  
**LONG-TERM FUEL SHORTAGES**

**APPLICABILITY**

In the event of an energy emergency which necessitates curtailment of electricity consumption, Duke Energy Kentucky, Inc. and consumers of electric energy supplied by the Company shall take actions set forth herein, except where the Kentucky Public Service Commission (Commission) or other authority having jurisdiction in the matter orders otherwise.

**PROCEDURES**

Electricity emergency procedures may be necessary if there is a shortage in the electric energy supply to meet the requirements of consumers of electric energy in the service area of the Company. The procedures set forth the actions to be taken by the Company and consumers of electric energy in the event of a long-term fuel shortage for electric generation jeopardizing electric service to the Company's customers.

**I. DEFINITIONS**

For purposes of this procedure, the Company has adopted the following definitions:

- A. "electricity priority uses" shall mean the amount of electrical energy necessary for protection of the public's health and safety, and for the prevention of unnecessary or avoidable damage to property at:
  1. Residences (homes, apartments, nursing homes, institutions, and facilities for permanent residents or transients);
  2. Hospitals;
  3. Medical and human life support systems and facilities;
  4. Electric power generating facilities and central heating plants serving the public;
  5. Telephone, radio, television, and newspaper facilities;

**DEFINITIONS (Contd.)**

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6. Local and suburban transit systems and air terminal facilities;
  7. Police and fire fighting facilities;
  8. Water supply and pumping facilities;
  9. Sanitary service facilities for collection, treatment, or disposal of community sewage;
  10. Federal facilities essential to national defense or energy supply;
  11. Production facilities for natural gas, artificial or synthetic gas, propane, and petroleum fuel, and for fuel refineries;
  12. Pipeline transmission and distribution facilities for natural gas, artificial or synthetic gas, propane, and petroleum fuels;
  13. Coal mines and related facilities;
  14. Production, processing, distribution, and storage facilities for dairy products, meat, fish, poultry, eggs, produce, crackers, bread, and livestock and poultry feed;
  15. Buildings and facilities limited to uses protecting the physical plant and structure, appurtenances, product inventories, raw materials, livestock, and other personal or real property; and
  16. Such other similar uses as may be determined by the Kentucky Public Service Commission (hereinafter "Commission").
- B. "non-priority uses" shall mean all uses of electricity other than priority uses.
- C. "consumer" shall mean that person or entity who consumes electric energy from the Company.
- D. "normal burn days" shall mean the number of days of coal supply available for operation of the generating facilities of the Company.
- E. "normal usage" shall mean electric energy consumption by a consumer during the comparable

**DEFINITIONS (Contd.)**

period during the previous year adjusted for weather or other major changes in usage.

The Company encourages consumers who have electric priority uses to implement the actions

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required herein to the extent reasonably possible. Consumers who have electric priority uses or have critical equipment or processes should consider the installation of emergency generation equipment if continuity of service is essential.

**II. LONG-TERM FUEL SHORTAGE**

A. Upon the commencement of a coal miners' strike, officially declared or otherwise, or other happening which could cause a long-term fuel shortage, the Company shall curtail non-essential use of energy on premises controlled by the Company including parking and large area lighting and interior lighting except lighting required for security and safety, and other uses of energy both during and outside normal business hours.

B. Voluntary Curtailment:

1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to forty (40) days, the Company shall request voluntary conservation by all consumers of at least 25% of all non-priority use of electric.

2. The Company shall implement a public appeals campaign through the news media to its consumers making appropriate suggestions for achieving usage reductions. These reductions should include but not be limited to the following:

- (a) Reduce outdoor lighting;
- (b) Reduce general interior lighting levels to minimum levels to the extent this contributes to decreased electricity usage;
- (c) Reduce show window and display lighting to minimum levels to protect property;
- (d) Reduce the number of elevators operating in office buildings during non-peak hours;
- (e) Reduce electric water heating temperature to minimum level.

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(f) Minimize work schedules for building cleaning and maintenance, restocking, etc., in II.

**LONG-TERM FUEL SHORTAGE (Contd.)**

order to eliminate the necessity for office or commercial and industrial facilities to be open beyond normal working hours;

(g) Minimize electricity use by maintaining a building temperature of no less than 78

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degrees Fahrenheit by operation of cooling equipment and no more than 68 degrees Fahrenheit by operation of heating equipment;

(h) Encourage, to the extent possible, daytime scheduling of entertainment and recreational facilities.

3. The Company, through the issuing of periodic bulletins to the news media, shall inform the general public of:

(a) The coal supply level of its supplier, at least weekly;

(b) The actions which will be required of consumers if it becomes necessary to initiate mandatory curtailment of electric energy and the procedures to be followed prior to and during the period electric usage is restricted.

C. Mandatory Curtailment - Stage One:

1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to thirty (30) days, consumers shall curtail the use of electricity as follows:

(a) All previous measures shall be continued except as amended below;

(b) All non-priority outdoor lighting is prohibited;

(c) All public, commercial, and industrial buildings shall minimize electricity use by maintaining a building temperature of no less than 85 degrees Fahrenheit by the operation of cooling equipment and no more than 60 degrees Fahrenheit by the operation of heating equipment, except where health requirements or equipment protection deem such measures to be inappropriate;

(d) All public, commercial, and industrial buildings shall reduce interior lighting to the minimum levels essential for continued work and operations to the extent this

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**II. LONG-TERM FUEL SHORTAGE (Contd.)**

contributes to decreased use of electric energy.

**D. Mandatory Curtailment - Stage Two:**

1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to twenty-five (25) days, consumers shall curtail the use of electricity as follows:
  - (a) All previous measures shall be continued except as amended below;
  - (b) All consumers shall discontinue non-priority use of electricity on two days of each week. Consumers may, in the alternative, elect to reduce total electricity consumption by 25% below normal usage. Consumers choosing the second option must keep records sufficient to document the reduction. The Company shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority uses above mandatory stage one levels during other days of the week.

**E. Mandatory Curtailment - Stage Three:**

1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to twenty (20) days, consumers shall curtail the use of electricity as follows:
  - (a) All previous measures shall be continued except as amended below;
  - (b) All consumers shall discontinue non-priority use of electricity on three days of each week. Consumers may, in the alternative, elect to reduce total electricity consumption by 50% below normal usage. Consumers choosing the second option must keep records sufficient to document the reduction. The Company shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority uses above mandatory stage two levels during other days of the week.

**F. Mandatory Curtailment - Stage Four:**

1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to fifteen (15) days, all consumers shall discontinue all non-priority use of electricity on all days of each week.

**III. The Company shall take such measures in connection with its facilities as are necessary and reasonable for the implementation of these procedures.**

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Where the integrity of the Company's electric system is in jeopardy, the Company may take additional measures it deems appropriate, such as voltage reduction up to 5% and interruption of selected distribution circuits on a rational basis.

**IV. PENALTIES**

Failure of a consumer to comply with the Company's mandatory curtailment stages may subject that consumer's electric service to disconnection by the Company. Where the Company discovers that a consumer has exceeded its directed usage limitation by more than 15% in a thirty (30) day period, the Company shall notify the Commission that, on the third working day after said discovery, it shall disconnect electric service to such consumer until the fuel supply emergency is relieved.

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**RATE RTP  
 REAL TIME PRICING PROGRAM**

**APPLICABILITY**

Applicable to Customers served under Rate DS, Rate DT, Rate DP or Rate TT. Service under the RTP Program will be offered on an experimental basis. The incremental cost of any special metering required for service under this Program beyond that normally provided under the applicable Standard Tariff shall be borne by the Customer. Customers must enter into a written service agreement with a minimum term of one year.

**PROGRAM DESCRIPTION**

The RTP Program is voluntary and offers Customers the opportunity to manage their electric costs by either shifting load from higher cost to lower cost pricing periods and adding new load during lower cost pricing periods or to learn about market pricing. Binding Price Quotes will be sent to each Customer on a day-ahead basis. The program is intended to be bill neutral to each Customer with respect to their historical usage through the use of a Customer Baseline Load (CBL) and the Company's Standard Offer Rates.

**CUSTOMER BASELINE LOAD**

The CBL is one complete year of Customer hourly load data that represents the electricity consumption pattern and level of the Customer's operation under the Standard Rate Schedule. The CBL is the basis for achieving bill neutrality for Customers billed under this Rate RTP, and must be mutually agreeable to both the Customer and the Company as representing the Customer's usage pattern under the Standard Rate Schedule (non-RTP). In the event that the Customer's electricity consumption pattern differs significantly from the established CBL, the Company may renegotiate the CBL with the Customer. Agreement on the CBL is a requirement for participation in the RTP Program.

**RTP BILLING**

Customers participating in the RTP Program will be billed monthly based on the following calculation:

$$RTP \text{ Bill} = BC + PC + \sum_{t=1}^n \{ (CC_t + ED_t) \times (AL_t - CBL_t) \}$$

Where:

- BC = Baseline Charge
- PC = Program Charge
- CC<sub>t</sub> = Commodity Charge for hour t
- ED<sub>t</sub> = Energy Delivery Charge for hour t
- AL<sub>t</sub> = Customer Actual Load for hour t
- CBL<sub>t</sub> = Customer Baseline Load in hour t
- n = total number of hours in the billing period
- t = an hour in the billing period

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**BASELINE CHARGE**

The Baseline Charge is independent of Customer's currently monthly usage, and is designed to achieve bill neutrality with the Customer's standard offer tariff if no change in electricity usage pattern occurs (less applicable program charges). The Baseline Charge is calculated at the end of the billing period and changes each billing period to maintain bill neutrality for a Customer's CBL.

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Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, in Case No. 2017-00321.  
 Issued: September 1, 2017 Effective: October 1, 2017

Issued by James P. Henning, President

Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2  
~~Sixth Revised Sheet No. 99~~  
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**BASELINE CHARGE (Contd.)**

The Baseline Charge will be calculated as follows:

$BC = (\text{Standard Bill @ CBL})$

Where:

BC = Baseline Charge  
Standard Bill @ CBL = Customer's bill for a specific month on the applicable Rate Schedule including applicable Standard Contract Riders using the CBL to establish the applicable billing determinants.

The CBL shall be adjusted to reflect applicable metering adjustments under the Rate Schedule. All applicable riders shall be excluded from the calculation of the Baseline Charge.

**PRICE QUOTES**

The Company will send to Customer, within two hours after the wholesale prices are published by PJM each day, Price Quotes to be charged the next day. Such Price Quotes shall include the applicable Commodity Charge, the Energy Delivery Charge and the Ancillary Services Charge.

The Company may send more than one-day-ahead Price Quotes for weekends and holidays identified in Company's tariffs. The Company may revise these prices the day before they become effective.

The Company is not responsible for failure of Customer to receive and act upon the Price Quotes. It is Customer's responsibility to inform Company of any failure to receive the Price Quotes the day before they become effective.

**COMMODITY CHARGE**

The Commodity Charge is a charge for generation. The applicable hourly Commodity Charge (Credit) shall be applied on an hour by hour basis to Customer's incremental (decremental) usage from the CBL.

Charge (Credit) For Each kW Per Hour From The CBL:

For kWh<sub>t</sub> above the CBL<sub>t</sub>,  $CC_t = MVG_t \times LAF$   
For kWh<sub>t</sub> below the CBL<sub>t</sub>,  $CC_t = MVG_t \times 80\% \times LAF$

Where:

LAF = loss adjustment factor  
= 1.0530 for Rate TT  
= 1.0800 for Rate DP and Rate DT  
= 1.1100 for Rate DS  
MVG<sub>t</sub> = Market Value Of Generation As Determined By Company for hour t

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**COMMODITY CHARGE (Contd.)**

The MVG, will be based on the expected market price of capacity and energy for the next day. The expected market price shall be the PJM Day-Ahead Total Locational Marginal Price for power at the DEK Aggregate price node, inclusive of the energy, congestion and losses charges, for each hour.

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The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

**ENERGY DELIVERY CHARGE**

The hourly Energy Delivery Charge is a charge for using the transmission and distribution system to deliver energy to the Customer. The applicable hourly Energy Delivery Charge (Credit) shall be applied on a hour by hour basis to Customer's incremental (decremental) usage from the CBL.

**Charge (Credit) For Each kW Per Hour From The CBL**

Secondary Service .....	\$0.015412 per kW Per Hour
Primary Service .....	\$0.012471 per kW Per Hour
Transmission Service .....	\$0.006472 per kW Per Hour

The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

**APPLICABLE RIDERS**

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

- ~~Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider~~
- ~~Sheet No. 78, Rider DSMR, Demand Side Management Rider~~
- ~~Sheet No. 82, Rider PSM, Profit Sharing Mechanism~~
- ~~Sheet No. 125, Rider DCI, Distribution Capital Investment Rider~~
- ~~Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider~~

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The hourly Ancillary Services Charge is a charge for:  
Scheduling, System Control & Dispatch  
Reactive and Voltage Control  
Regulation and Frequency Response  
Spinning Reserve  
Supplemental Reserve

The applicable hourly Ancillary Services Charge (Credit) shall be applied on an hour by hour basis to Customer's incremental (decremental) usage from the CBL

Charge (Credit) For Each kW Per Hour From The CBL  
Secondary Delivery.....  
.....\$0.000760 per kW Per Hour  
Primary Delivery.....  
.....\$0.000740 per kW Per Hour  
Transmission Delivery.....\$0.000721 per kW Per Hour

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**PROGRAM CHARGE**

Company will provide Internet based communication software to be used to provide Customer with the Price Quotes. Customer will be responsible for providing its own Internet access. A charge of \$183.00 per billing period per site shall be added to Customer's bill to cover the additional billing, administrative, and cost of communicating the hourly Price Quotes associated with the RTP Program.

Customer may purchase from either Company or any other third-party suppliers any other necessary equipment or software packages to facilitate participation in this program. While Customers are encouraged to use such equipment or software packages to maximize benefits under this Program, it is not a requirement for program participation. It is Customer's responsibility to ensure the compatibility of third-party equipment or software packages with any Company owned equipment or software packages.

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**SPECIAL TERM AND CONDITIONS**

Except as provided in this Rate RTP, all terms, conditions, rates, and charges outlined in the Standard Rate Schedule will apply. Participation in the RTP Program will not affect Customer's obligations for electric service under the Standard Rate Schedule.

Customers who terminate their service agreement under this Rider RTP after the initial one (1) year term shall be ineligible to return to the program for twelve (12) months from the termination date.

The primary term of service is one (1) year consisting of a consecutive twelve month period.

Customers returning to the standard tariff shall have any historical demands in excess of the CBL, waived for purposes of calculating applicable billing demands.

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

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**EMERGENCY ELECTRIC PROCEDURES**

**APPLICABILITY**

In the event of an energy emergency which necessitates curtailment of electric service, Duke Energy Kentucky, Inc. may curtail electrical service to its customers in the manner set forth herein, either at its sole discretion, or under applicable policies, guidelines, directives or procedures issued by the Reliability First, National Electric Reliability Council (NERC), PJM Interconnection LLC (PJM), or their successor organizations, or when required by the Kentucky Public Service Commission (Commission).

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**PROCEDURES**

**I. General Rules Applicable to Energy Emergency**

Emergency electrical procedures may be necessary in the event of electric supply shortages, transmission constraints, or other emergency conditions in the assigned service area of Duke Energy Kentucky, Inc. and/or outside the assigned service area of Duke Energy Kentucky, Inc.

An emergency means an anticipated or existing shortage in the supply of or constraint in the transmission or distribution of electrical energy, which cannot be avoided by market purchases of energy or transmission capacity and which has or may adversely affect the operation or reliability of generating or transmission and distribution facilities.

In the event of an emergency, Duke Energy Kentucky, Inc. may take any remedial measure that it deems reasonably necessary to alleviate the emergency condition or that may be required either by the Commission or under applicable policies, guidelines, directives or procedures issued by Reliability First, NERC, PJM, or their successor organizations, or Duke Energy Kentucky, Inc.'s emergency plan. During an emergency, Duke Energy Kentucky, Inc. will follow the procedures set forth herein with regard to essential customers as defined in section II, below. Duke Energy Kentucky, Inc. will take the remedial measures to alleviate the emergency conditions as set forth in section III, below.

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**II. Essential Customers**

Essential customers are defined as follows:

- (A) hospitals and emergency care facilities, which shall be limited to those facilities providing medical care and performing in-patient surgery on patients;
- (B) federal, Commonwealth and county prisons and detention institutions;
- (C) police and fire stations, Kentucky national guard facilities, military bases, and federal facilities essential to the national defense;
- (D) "critical customers," which means any customer or consumer on a medical or life support system for whom an interruption of service would be immediately life threatening and who is enrolled in Duke Energy Kentucky, Inc.'s program for critical customers;
- (E) radio and television stations used to transmit emergency messages and public information broadcasts relating to emergencies;
- (F) water pumping plants essential to the supply of potable water to a community;
- (G) sewage plants essential to the collection, treatment or disposal of a community's sewage;

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**II. Essential Customers (Contd.)**

- (H) emergency management and response facilities and the county-wide "911" system;
- (I) nursing homes;
- (J) central office telephone switching stations; and
- (K) blood banks.

Duke Energy Kentucky, Inc. does not guarantee a continuous and uninterrupted flow of power to any customer. Power interruptions may occur due to many causes other than the emergency procedures set forth herein. Further, essential customers should expect that their power may be interrupted in the event of an emergency due to the nature of the emergency and the normal configuration of electric supply systems.

Essential customers are responsible for anticipating the possibility that power may be interrupted and for developing contingency plans if continuity of service is essential. Such contingency plans may include installing on-site backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location.

Duke Energy Kentucky, Inc. will make reasonable efforts to maintain service to essential customers during an emergency and will attempt to minimize the time period of any interruption, when practical. Duke Energy Kentucky, Inc. may, however, curtail power to essential customers during an emergency. Duke Energy Kentucky, Inc. will attempt to identify essential customers and maintain a list of these customers for its load curtailment plans. Duke Energy Kentucky, Inc. will verify and update this list annually and review its curtailment rotation schedules in an attempt to minimize the number of essential customers affected by curtailment.

Residential customers may request to participate in Duke Energy Kentucky, Inc.'s program for critical customers. Residential customers requesting to participate in this program must initially obtain a Medical Certificate from a licensed physician as to the need for and use of life support equipment in their household and must submit the certificate to Duke Energy Kentucky, Inc. along with their request to enroll in the program.

Upon enrollment in the program, Duke Energy Kentucky, Inc. will notify the customer in writing of the customer's options and responsibilities during an interruption, such as the need for backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location. Duke Energy Kentucky, Inc. will also notify these customers that it cannot guarantee a continuous and uninterrupted flow of power. Duke Energy Kentucky, Inc. will annually verify the customers' eligibility to continue to participate in the program.

Any non-residential customer may apply to be considered an essential customer, provided they must notify Duke Energy Kentucky, Inc. in writing of this request and provide the specific reasons why they should be considered an essential customer. Duke Energy Kentucky, Inc. will respond in writing within ten days of receipt of the request informing the customer whether, in Duke Energy Kentucky, Inc.'s sole discretion, they will be classified as a non-residential essential customer. Non-residential essential customers are also encouraged to develop contingency plans for use during an emergency, such as the need for backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location.

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**ii. Essential Customers (Contd.)**

Essential customers should prepare to implement their contingency plans any time that Duke Energy Kentucky makes a public appeal for voluntary conservation, due to the possibility that Duke Energy Kentucky, Inc. may experience an emergency during such time that Duke Energy Kentucky, Inc. makes public appeals for voluntary conservation.

If Duke Energy Kentucky, Inc. has adequate advance notice that an emergency may occur, then Duke Energy Kentucky, Inc. will attempt to call critical customers to alert them of the possibility of a power interruption. Due to the frequently sudden onset of an emergency and the time necessary to contact all critical customers, Duke Energy Kentucky, Inc. may not be able to contact critical customers in advance of an emergency.

**iii. Remedial Measures in the Event of Emergency**

In case of an emergency, Duke Energy Kentucky, Inc. will exercise the following series of load reduction measures to match the load with available generation. These measures are arranged in order of severity of the measures necessary to alleviate the emergency conditions presented. In the case of a sudden or unanticipated emergency, the urgency of the situation may require Duke Energy Kentucky, Inc. to immediately implement the more severe measures.

**Pricing Signals and Special Contracts**

Duke Energy Kentucky, Inc. offers a variety of pricing signals using approved tariffs and special contracts to encourage customers to reduce their load when generation is in short supply. Participating customers may elect to voluntarily reduce their demand based on the terms of these tariffs and contracts.

**Internal Conservation**

Duke Energy Kentucky, Inc. will reduce its own energy consumption by instructing its employees to adjust thermostats, turn off lights and reduce other non-essential loads at Duke Energy Kentucky, Inc.'s facilities.

**Voltage Reduction**

Duke Energy Kentucky, Inc. may reduce voltages. However, Duke Energy Kentucky, Inc. will not reduce voltage more than 5% below normal allowable ranges.

**Public and Targeted Appeals for Voluntary Conservation**

Duke Energy Kentucky, Inc. will issue news releases to request customers to voluntarily conserve electricity, with suggestions on how to conserve. Duke Energy Kentucky, Inc. will also contact large commercial and industrial customers (1000 kW or more) requesting them to conserve energy.

Depending on the nature of the emergency, Duke Energy Kentucky, Inc. will issue additional news releases advising customers of a more critical need for voluntary conservation and also notifying customers that Duke Energy Kentucky, Inc. may implement rotating blackouts if the emergency conditions are not alleviated. Duke Energy Kentucky, Inc. will contact large commercial and industrial customers (1000 kW or more) requesting them to curtail all non-essential load.

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**Automatic Reserve Sharing**

Automatic Reserve Sharing is a standard method for utilities to aid an adjoining, interconnected utility whose power reserves are low by transmitting power through the interconnection points to raise the reserves of the affected utility. In time of emergency, Duke Energy Kentucky, Inc. may utilize Automatic Reserve Sharing.

**III. Remedial Measures in the Event of Emergency (Contd.)**

**Manual, Involuntary Load Curtailment**

Duke Energy Kentucky, Inc. may implement manual load curtailment, which is a controlled process of rotating customer outages during extreme emergencies. NERC policies may require manual curtailment when Duke Energy Kentucky, Inc. experiences an emergency. NERC policies may also require manual curtailment when the reliability of the Eastern Interconnect is threatened by supply or transmission problems unrelated to conditions within Duke Energy Kentucky, Inc.'s transmission system.

**Automatic Load Curtailment**

Duke Energy Kentucky, Inc. may implement automatic load curtailment, which is a process where under-frequency relays are used to shed load as soon as the relays detect problems based upon the system frequency. NERC policies may require automatic curtailment when Duke Energy Kentucky, Inc. experiences an emergency or when the Eastern Interconnect is threatened by transmission system reliability problems unrelated to conditions affecting Duke Energy Kentucky's transmission system.

**IV. Curtailment Procedures**

Involuntary load curtailment is generally accomplished via remote control of circuits that feed large individual customers and/or general distribution loads. Most general distribution circuits supply many customers including one or more essential customers. Duke Energy Kentucky, Inc. will analyze circuits for curtailment eligibility based upon the ability to perform curtailment via remote control and upon the type of load the circuits serve. Duke Energy Kentucky, Inc. will attempt to limit the number of essential customers affected by involuntary load curtailments; however, given the number of circuits within Duke Energy Kentucky, Inc.'s system and the number of customers served by Duke Energy Kentucky, Inc., it is likely that Duke Energy Kentucky, Inc. will interrupt power to some essential customers if involuntary load curtailment procedures become necessary to alleviate emergency conditions. Duke Energy Kentucky, Inc. will adjust manual involuntary curtailment schedules and attempt to provide advance notification to essential customers if involuntary load curtailment occurs.

Duke Energy Kentucky, Inc. will advise the Commission of the nature, time and duration of all implemented emergency conditions and procedures which affect normal service to customers.

Duke Energy Kentucky, Inc. may initiate the following actions, as it deems appropriate, in the event of an emergency where curtailment is imminent or necessary.

- (A) If Duke Energy Kentucky, Inc. is unable to balance its generation and interchange schedules to its load after using all available resources, Duke Energy Kentucky, Inc. may, at its

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discretion, declare an emergency Commonwealth to the NERC/~~ReliabilityFirst~~ Security Coordinator.

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- (B) Duke Energy Kentucky, Inc. may enter into power purchases to the extent that generation resources are reasonably available and transmission loading will allow.
- (C) Duke Energy Kentucky, Inc. may use any or all of the remedial measures in section III, above.
- (D) If the transmission system frequency is above 59.8 Hz and Duke Energy Kentucky, Inc. cannot reasonably balance resources to load, then Duke Energy Kentucky, Inc. may curtail firm load to balance resources to load.
- (E) If the transmission system frequency is at or below 59.8 Hz, then Duke Energy Kentucky, Inc. may curtail firm load to balance resources to load.
- (F) If the transmission system frequency is at or below 59.7 Hz, then Duke Energy Kentucky, Inc. may curtail firm load to assist in maintaining regional system integrity.

Automatic under-frequency load shedding may occur in the event of a sudden decline of the frequency on the ~~ReliabilityFirst~~ System or a sudden breakup that isolates all or parts of the Kentucky transmission system from other interconnected transmission systems. The under-frequency load shed may occur according to the following schedule, with each step shedding approximately an additional five percent of load as compared to the system load:

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<u>Step</u>	<u>Freq-Hz</u>	<u>Approximate % Load Shed</u>
1	59.5	5.0
2	59.3	5.0
3	59.1	5.0
4	58.9	5.0
5	58.7	5.0

Under these circumstances, Duke Energy Kentucky, Inc. will interrupt power of selected distribution circuits and lines serving customers throughout its assigned service area at Duke Energy Kentucky, Inc.'s sole discretion.

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If automatic load shedding has occurred and frequency is still declining, Duke Energy Kentucky, Inc. may take any additional actions that it deems reasonably necessary to arrest the decline. This may include additional load shedding and coordinated network separations.

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If necessary to resynchronize the isolated area or to curtail the decline in frequency, Duke Energy Kentucky, Inc. may take the following steps in the sequence set forth below:

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- (A) Duke Energy Kentucky, Inc. may, at its discretion, interrupt power to controlled service loads and to loads rendered service under interruptible tariffs.
- (B) Duke Energy Kentucky, Inc. may reduce voltage up to five percent when deemed appropriate.

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(C) Duke Energy Kentucky, Inc. may manually shed load.

Duke Energy Kentucky, Inc. shall not be liable for power interruptions attributable to:

- (A) the availability of or malfunctions in generation or transmission facilities;
- (B) malfunctions in the local distribution system due to conditions beyond Duke Energy Kentucky, Inc.'s control, such as storms, floods, vandalism, strikes, fires, or accidents caused by third parties;
- (C) Duke Energy Kentucky, Inc. following any applicable orders, policies, guidelines, directives or procedures issued by the Commission, governmental authorities, ~~ReliabilityFirst~~, National Electric Reliability Council (NERC), ~~PJM~~, or their successor organizations; provided that Duke Energy Kentucky, Inc. makes reasonable efforts to restore service as soon as reasonably practicable.

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**V. Transmission Emergency Rules**

Notwithstanding the above procedures, when Duke Energy Kentucky, Inc. experiences on its transmission facilities an emergency or other event that necessitates the curtailment or interruption of service, Duke Energy Kentucky, Inc. will not curtail or interrupt retail electric service within Duke Energy Kentucky, Inc.'s certified territory, except for service to those customers who have agreed to receive interruptible service, until after Duke Energy Kentucky, Inc. has interrupted service to all other Duke Energy Kentucky, Inc. customers whose interruption may relieve the emergency or other event.

Notwithstanding the foregoing, Duke Energy Kentucky, Inc. may be liable for damages resulting from power interruptions attributable to its gross negligence or willful misconduct.

The provisions of these Emergency Electrical Procedures are subject to the provisions of Duke Energy Kentucky, Inc.'s Retail Electric Tariff, as then in effect and approved by the Commission, including but not limited to the provisions of Duke Energy Kentucky, Inc.'s General Terms And Conditions For Electric Service.

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**RATE MDC**

**METER DATA CHARGES FOR ENHANCED USAGE DATA SERVICES**

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**APPLICABILITY**

This optional program applies to non-residential retail customers located in the Company's service territory that have meter pulse equipment and/or interval metering equipment and who elect to enroll in the Energy Profiler Online (EPO) or successor service.

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**Energy Profile Online™**

Customers electing the EPO option will be required to enroll online, and will be required to accept the Terms and Conditions of the EPO program, presented to the customer at the time of enrollment. The company will provide data to the customer using internet technology, or other methods as available and utilized at the company's discretion, under the following option based on the frequency of the data provided.

Electronic monthly interval data with graphical capability accessed via the Internet with EPO™

,\$20.00 per month

**SERVICE REGULATIONS**

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

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, in Case No. 2017-00321.

Issued: September 1, 2017

Effective: October 1, 2017

Issued by James P. Henning, President

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Duke Energy Kentucky, Inc.  
4580 Olympic Blvd.  
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2  
Original Sheet No. 126  
Page 1 of 2

**FERC TRANSMISSION COST RECONCILIATION RIDER**

**APPLICABILITY**

Applicable to all retail sales in the Company's electric service area beginning with the billing month April 2018.

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**DEFINITIONS**

The applicable energy charge for electric service shall be increased or decreased to the nearest \$0.000001 per kWh to reflect the recovery of Incremental Transmission Expense (ITE) equal to the difference between the actual transmission costs invoiced by a Regional Transmission Organization (RTO) pursuant to its FERC-approved tariffs and the amount of such costs included in base rates according to the following formula.

$$\text{Rider FTR Factor} = (\text{ITE} + R) / S$$

- (1) Quarterly ITE is the incremental transmission costs over the amount included in base rates and equals:

$$\text{Quarterly ITE} = \text{CPTE} - \text{BTRE}$$

Where,

- a. CPTE = Quarterly transmission expense.  
b. BTRE = One fourth of the transmission expense included in base rates for Kentucky retail customers. (The annual amount of \$18,963,763 ÷ 4 = \$4,740,941)

- (2) Current Period Transmission Expense, CPTE

$$\text{CPTE} = \text{NITS} + \text{PTP} + \text{TOA} + \text{ADM} + \text{TEC} + \text{O}$$

Where,

NITS = Network Integration Transmission Service Charges and Credits (Attachment H-22A)

PTP = Point to Point (PTP) Transmission Service (Schedule 7 and 8)

TOA = Transmission owner scheduling, system control and dispatch service (Schedule 1A)

ADM = RTO Administrative Charges (Schedule 9 and 10)

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Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321.

Issued: September 1, 2017

Effective: October 1, 2017

Issued by James P. Henning, President







Account Number 1212-1212-12-4 80 21

<b>Due Date</b>	<b>Amount Due</b>
mmm dd, yyyy	\$ 78.79

\$ \_\_\_\_\_ \$ \_\_\_\_\_  
WinterCare Contribution (for Customer Assistance) Amount Enclosed

Current Customer  
12345 Your Street  
Your City ST 12345-1234

PO Box 9001076  
Louisville KY 40290-1076

200 00000078794 12121212124 mmmddyyyy2 00000080867

Page 1 of 2

<b>Name/Service Address</b>	<b>For Inquiries Call</b>	<b>Account Number</b>
Current Customer 12345 Your Street Your City ST 12345-1234	Duke Energy 1-800-123-4567	1212-1212-12-4

<b>Mail Payments To</b>	<b>Account Information</b>
PO Box 9001076 Louisville KY 40290-1076	Payments after mmm dd not included Last payment received mmm dd Bill Prepared on mmm dd, yyyy Next meter reading mmm dd, yyyy

Urgent Messages are printed in this section of the bill with a box around the message text.

Meter	Number	Reading Date		Days	Meter Reading		Usage
		From	To		Previous	Present	
Gas	11111111	mmm dd	mmm dd	30	1975	1993	18
Elec	22222222	mmm dd	mmm dd	30	21202	21789	587

<b>Gas - Residential</b>	
Usage - 18 CCF	
Duke Energy - Rate RS	\$ 33.20
<b>Current Gas Charges</b>	<b>\$ 33.20</b>
Gas Cost Recovery Chrg: x.xxxxxxx/CCF	

<b>Current Billing</b>	
Amt Due - Previous Bill	\$ 100.87
Payment(s) Received	100.87 cr
<b>Balance Forward</b>	<b>0.00</b>
Current Gas Charges	\$ 33.20
Current Electric Charges	41.34
Taxes	4.25
<b>Current Amount Due</b>	<b>\$ 78.79</b>

<b>Electric - Residential</b>	
Usage - 587 kWh	
Duke Energy - Rate RS	\$ 41.34
<b>Current Electric Charges</b>	<b>\$ 41.34</b>

<b>Taxes</b>	
Taxes	\$ 4.25

Printed on recycled paper and is recyclable.

Non-Urgent Bill Messages appear in this section of the bill

<b>Due Date</b>	<b>Amount Due</b>	<b>After</b>
mmm dd, yyyy	\$ 78.79	mmm dd, yyyy
		\$ 80.86



Name	Service Address	Account Number
Current Customer	12345 Your St Your City ST 12345-1234	1212-1212-12-4

Explanation of Current Charges		
Gas Meter # 11111111 CCF Usage - 18  mmm dd - mmm dd 30 Days	Duke Energy Rate RS - Residential Service  Customer Charge \$ xx.xx Gas Delivery Charge 18 CCF @ \$ x.xxxxxxx xx.xx Gas DSM Rider 18 CCF @ \$ x.xxxxxxx x.xx Rider MSR-G 18 CCF @ \$ x.xxxxxxx x.xx cr Gas Cost Recovery 18 CCF @ \$ x.xxxxxxx xx.xx	Total Current Gas Charges \$ xx.xx
Electric Meter # 22222222 kWh Usage 587  mmm dd - mmm dd 30 Days	Duke Energy Rate RS - Residential Svcs-xxxxxxx  Customer Charge \$ x.xx Energy Charge 587 kWh @ \$ x.xxxxxxx x.xx Elec DSM Rider 587 kWh @ \$ x.xxxxxxx x.xx Elec ESM Rider 587 kWh @ \$ x.xxxxxxx x.xx Elec FTR Rider 587 kWh @ \$ x.xxxxxxx x.xx Elec DCL Rider 587 kWh @ \$ x.xxxxxxx x.xx Rider PSM 587 kWh @ \$ x.xxxxxxxcr x.xxcr Elec Fuel Adjustment 587 kWh @ \$ x.xxxxxxxcr x.xxcr	Total Current Electric Charges \$ xx.xx

(N)  
(N)  
(N)  
(N)  
(N)  
(N)

Explanation of Taxes		
Taxes	Rate Incr for School Tax \$ x.xx Kentucky State Tax xx.xx	Total Taxes \$ xx.xx

Charts and Graphs inserted here

	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
Gas	143	87	58	24	38	7	27	17	29	142	238	191	18
Electric	1025	1209	121	1478	1855	1689	1698	1528	1035	1376	1575	1352	587

**Bill Payment Made Easy**

**Paperless Billing** - View and pay your bill for free by registering at [www.duke-energy.com](http://www.duke-energy.com)  
**Payment Advantage** - Free Service, payment automatically drafts from your bank account. Enroll at [www.duke-energy.com/paymybill](http://www.duke-energy.com/paymybill) or call 1-800-544-6900.  
**Speedpay®** - Pay by phone 1-800-544-6900 with credit card or check. A convenience fee will be charged.

**EXPLANATION OF ESTIMATED CHARGES**

Meters are scheduled to be read monthly. Regular meter readings are essential for accurate billing. When we are unable to read a meter, the usage is estimated based on previous bills. An estimated read will be considered the same as an actual read.

**PAYMENT OF BILLS**

In order to avoid paying a late charge, please mail your payment to Duke Energy several days before the due date. Or, if you prefer, you may pay by phone through Speedpay, pay online with Paperless-Billing, or pay automatically through Payment Advantage. Payments can also be made at a Pay Agent location. For more information about our bill payment options, please visit us at [www.duke-energy.com](http://www.duke-energy.com) or call 1-800-544-6900. When you pay by check, you authorize us to convert your check into a one-time electronic check payment or to process the payment as a regular check transaction.

Disconnection of your utility service(s) will not result from failure to pay any non-tariffed or non-regulated products or services.

**LATE PAYMENT CHARGE INFORMATION**

A penalty may be assessed if a customer fails to pay a bill for services by the due date shown on the customer's bill. The penalty may be assessed only once on any bill for rendered services.

**EXPLANATION OF BILL LANGUAGE**

(The following terms will not appear on every bill)

BBP Cycle	Period of time used to calculate the current Budget Billing monthly installment amount.	Elec. Rate	Code that identifies the rate used to determine the Electric Usage Charge.
CCF	Gas usage, measured in hundreds of cubic feet.	EST or E	Estimated Meter Read.
CR	Credited amount.	Gas Rate	Code that identifies the rate used to determine the Gas Usage Charge.
Current Gas Charges	Total of all charges based on gas usage during the current billing period.	kWh	Electric usage measured in kilowatt-hours.
Customer Charge	Charge for administrative costs, including meter reading, billing, and collecting. The Customer Charge for each service includes 10 cents for an energy assistance program approved by the Public Service Commission.	Late Payment	Additional charge added to the bill if the Amount To Pay is not received in full by the due date.
		Meter Multiplier	Constant number that the meter reading usage is multiplied by to obtain the energy usage.
		Usage	Amount of energy used during the billing period.

**GAS COST INFORMATION**

The GAS COST ADJUSTMENT (GCA) rate is the cost (per 100 cubic feet) of gas we purchase from our suppliers. This rate varies periodically as gas prices to us increase or decrease. Duke Energy makes no profit on this charge since it is based on the actual cost we pay our suppliers for the gas we purchase and resell. The GCA amount is included in your total bill as an addition to the Gas Usage Charge, which covers our normal operating expenses for delivering gas to you.

**ELECTRIC COST INFORMATION**

The ELECTRIC FUEL ADJUSTMENT (EFA) rate is the increase or decrease (since determination of the Base Period Fuel Cost) in the cost of fuel purchased from our supplier and used to generate electricity. The EFA rate is computed monthly according to a formula established by the Kentucky Public Service Commission. Duke Energy makes no profit on the EFA since it is based on the actual cost of fuel used to generate electricity. The amount of the EFA is included in your total bill.

**BILLING OR SERVICE INQUIRIES**

If you have a question about your bill or service, call us at 1-800-544-6900. You may also write to our Customer Services Department at P.O. Box 960, Mail Drop 309C, Cincinnati, OH 45201, contact us by fax at 1-800-366-4704, or e-mail us at [www.duke-energy.com](http://www.duke-energy.com). Rate schedules and service regulations are available upon request.

**SECURITY DEPOSIT INFORMATION**

If the utility will or may retain either an equal or calculated deposit for more than eighteen (18) months, at the customer's request, the deposit will be calculated every eighteen (18) months based on actual usage of the customer. If the deposit on account differs by more than ten (10) dollars for residential customers, or by more than ten (10) percent for nonresidential customers, from the deposit calculated on actual usage, then the utility shall refund any over-collection and may collect any overpayment.

**BUSINESS HOURS**

**OFFICE HOURS:**  
 Cincinnati - 8:00 a.m. - 5:00p.m. Monday - Friday  
 Erlanger - 8:00 a.m. - 5:00 p.m. Monday - Friday

Payments and Customer Service are not offered at either location

For Correspondence: PO Box 1326 Charlotte, NC 28201

**SERVICE EMERGENCY NUMBERS**

Gas Trouble - 1-800-634-4300  
 Electric Trouble - 1-800-543-5599



Before

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC CASE NO. 2017-00321

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

SECTION M

SECTION M

REVENUES AT PRESENT AND PROPOSED RATES

DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended November 30, 2017

Forecasted Period: Twelve Months Ended March 31, 2019

Schedules

M	Revenues at Present and Proposed Rates
M-2.1	Base Period Revenues at Average Rates
M-2.2	Revenues at Current Rates
M-2.3	Revenues at Proposed Rates

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
REVENUES AT PRESENT AND PROPOSED RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  BASE PERIOD  FORECASTED PERIOD  
TYPE OF FILING:  ORIGINAL  UPDATED  REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected  
6 Months Actual Ending May 31, 2017

SCHEDULE M  
PAGE 1 OF 1  
WITNESS:  
B. L. SAILERS

LINE NO.	RATE CLASSIFICATION (A)	REVENUE AT PRESENT RATES (B)	REVENUE AT PROPOSED RATES (C)	REVENUE CHANGE (AMOUNT) (D=C-B)	% OF REVENUE CHANGE (E=D / B)
		(\$)	(\$)	(\$)	
<b>RESIDENTIAL</b>					
1	RESIDENTIAL SERVICE (RS)	129,123,808	151,660,244	22,536,436	17.45%
2	TOTAL RESIDENTIAL	129,123,808	151,660,244	22,536,436	17.45%
<b>DISTRIBUTION</b>					
3	DISTRIBUTION SERVICE (DS)	91,350,197	104,407,142	13,056,945	14.29%
4	DT PRIMARY TIME OF DAY (DT-PRI)	31,328,625	35,313,794	3,985,169	12.72%
5	DT SECONDARY TIME OF DAY (DT-SEC)	46,568,917	52,959,130	6,390,213	13.72%
6	ELECTRIC SPACE HEATING (EH)	640,693	731,865	91,172	14.23%
7	SPORTS SERVICE (SP)	29,375	32,760	3,385	11.52%
8	SMALL FIXED LOADS (GSFL)	596,775	682,442	85,667	14.35%
9	PRIMARY VOLTAGE (DP)	948,402	1,114,960	166,558	17.56%
10	TOTAL DISTRIBUTION	171,462,984	195,242,093	23,779,109	13.87%
<b>TRANSMISSION</b>					
11	TIME OF DAY (TT)	12,528,693	13,922,324	1,393,631	11.12%
12	TOTAL TRANSMISSION	12,528,693	13,922,324	1,393,631	11.12%
<b>REAL TIME PRICING</b>					
13	DT PRIMARY-REAL TIME PRICING (DT-RTP PRI)	0	0	0	-
14	DT SECONDARY-REAL TIME PRICING (DT-RTP SEC)	141,597	177,120	35,523	25.09%
15	DS-REAL TIME PRICING (DS-RTP)	25,921	28,500	2,579	9.95%
16	TT-REAL TIME PRICING (TT-RTP)	414,116	462,458	48,342	11.67%
17	TOTAL REAL TIME PRICING	581,634	668,078	86,444	14.86%
<b>LIGHTING</b>					
18	STREET LIGHTING (SL)	1,346,952	1,506,798	159,846	11.87%
19	TRAFFIC LIGHTING (TL)	71,559	79,965	8,406	11.75%
20	UNMETERED OUTDOOR LIGHTING (UOLS)	207,553	231,852	24,299	11.71%
21					
22	NON STANDARD STREET LIGHTING (NSU)	62,007	69,359	7,352	11.86%
23					
24	CUST OWNED STREET LIGHTING SERVICE (SC)	3,713	4,148	435	11.72%
25	OVERHEAD EQUIV STREET LIGHTING SERVICE (SE)	191,062	213,712	22,650	11.85%
26	TOTAL LIGHTING	1,882,846	2,105,834	222,988	11.84%
27	INTERDEPARTMENTAL	52,074	52,074	0	0.00%
28	SPECIAL CONTRACTS	7,713	7,713	0	0.00%
29	TOTAL RETAIL REVENUE	315,639,752	363,658,360	48,018,608	15.21%
<b>OTHER MISCELLANEOUS REVENUE</b>					
30	PJM AND TRANSMISSION	3,984,486	3,984,486	0	0.00%
31	BAD CHECK CHARGES	23,092	23,092	0	0.00%
32	RECONNECTION CHARGES	189,382	189,382	0	0.00%
33	POLE AND LINE ATTACHMENTS	117,775	117,775	0	0.00%
34	RENTS	930,344	930,344	0	0.00%
35	OTHER MISCELLANEOUS	19,330,403	19,330,403	0	0.00%
36	TOTAL MISCELLANEOUS REVENUE	24,575,482	24,575,482	0	0.00%
37	TOTAL REVENUE	340,215,234	388,233,842	48,018,608	14.11%



DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
TEST PERIOD REVENUES AT CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  BASE PERIOD  FORECASTED PERIOD  
TYPE OF FILING:  ORIGINAL  UPDATED  REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected  
6 Months Actual Ending May 31, 2017

SCHEDULE M-2.1  
PAGE 1 OF 1  
WITNESS:  
B. L. SAILERS

TEST PERIOD REVENUES AT CURRENT RATES

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	TEST PERIOD	% OF REV		FUEL COST REVENUE (H)	TEST PERIOD	% OF REV
					REVENUE LESS FUEL COST REVENUE (E)	AVERAGE RATE (F=E/D)	EXCLUSIVE OF FUEL COST (G)		REVENUE TOTAL (I)	
				(KWH)	(\$)	(\$/KWH)	(%)	(\$)	(\$)	(%)
1	RS	RESIDENTIAL SERV	1,525,197	1,453,752,034	127,629,351	8.7793	37.96	1,494,457	129,123,808	37.94
2	DS	DISTRIBUTION SERV	157,022	1,115,844,489	90,203,109	8.0838	26.83	1,147,088	91,350,197	26.85
3	DT-PRI	TIME OF OAY	443	492,952,443	30,821,870	6.2525	9.17	506,755	31,328,625	9.21
4	DT-SEC	TIME OF DAY	1,786	683,434,130	45,866,347	6.7112	13.64	702,570	46,568,917	13.69
5	EH	ELEC SPACE HEATING	502	9,803,357	630,615	6.4326	0.19	10,078	640,693	0.19
6	SP	SPORTS SERV	184	269,849	29,098	10.7831	0.01	277	29,375	0.01
7	GSFL	SMALL FIXED LOADS	540	6,194,943	590,407	9.5305	0.18	6,368	596,775	0.18
8	DP	PRIMARY VOLTAGE	120	13,046,582	934,990	7.1666	0.28	13,412	948,402	0.28
9	TT	TIME OF DAY	156	213,269,428	12,309,452	5.7718	3.66	219,241	12,528,693	3.68
10	DT-RTP PRI	REAL TIME PRICING	0	0	0	-	-	0	0	-
11	DT-RTP SEC	REAL TIME PRICING	24	4,131,069	141,597	3.4276	0.04	0	141,597	0.04
12	DS-RTP	REAL TIME PRICING	36	299,922	25,921	8.6426	0.01	0	25,921	0.01
13	TT-RTP	REAL TIME PRICING	24	12,915,280	414,116	3.2064	0.12	0	414,116	0.12
14	SL	STREET LIGHTING	138,477	10,839,811	1,335,809	12.3232	0.40	11,143	1,346,952	0.40
15	TL	TRAFFIC LIGHTING	94,895	1,438,465	70,080	4.8719	0.02	1,479	71,559	0.02
16	UOLS	UNMTRD OUTDR LIGHT	85,492	5,454,321	201,946	3.7025	0.06	5,607	207,553	0.06
17										
18	NSU	NON STD STREET LIGHT	8,364	405,021	61,591	15.2069	0.02	416	62,007	0.02
19										
20	SC	CUST OWNED STREET LIGHTING	2,064	97,596	3,613	3.7020	-	100	3,713	-
21	SE	OVR HD EQUIV STREET LIGHTING	24,744	1,476,997	189,543	12.8330	0.06	1,519	191,062	0.06
22	ID01	INTERDEPARTMENTAL	12	729,253	51,324	7.0379	0.02	750	52,074	0.02
23	IS	PJM AND TRANSMISSION	0	0	3,984,486	-	1.19	0	3,984,486	1.17
24		BAD CHECK CHARGES	0	0	23,092	-	0.01	0	23,092	0.01
25		RECONNECTION CHGS	0	0	189,382	-	0.06	0	189,382	0.06
26		POLE AND LINE ATTACHMENTS	0	0	117,775	-	0.04	0	117,775	0.03
27		RENTS	0	0	930,344	-	0.28	0	930,344	0.27
28	WS	SPECIAL CONTRACTS	132	138,735	7,570	5.4564	-	143	7,713	-
29		OTHER MISC	0	0	19,330,403	-	5.75	0	19,330,403	5.68
30	TOTAL		2,040,214	4,026,493,725	336,093,831	8.3471	100.00	4,121,403	340,215,234	100.00

NOTE: DETAIL CONTAINED ON SCHEDULES M-2.2 AND M-2.3.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA: \_\_\_X\_\_\_ BASE PERIOD \_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected  
6 Months Actual Ending May 31, 2017

SCHEDULE M-2.2  
PAGE 1 OF 20  
WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
			(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)	
<b>RESIDENTIAL</b>												
1	RS	RESIDENTIAL SERV	1,525,197	1,453,752,034	8.7793	127,629,351	100.00	22,536,436	17.7	1,494,457	129,123,808	17.5
2	<b>TOTAL RESIDENTIAL</b>		<b>1,525,197</b>	<b>1,453,752,034</b>	<b>8.7793</b>	<b>127,629,351</b>	<b>37.97</b>	<b>22,536,436</b>	<b>17.7</b>	<b>1,494,457</b>	<b>129,123,808</b>	<b>17.5</b>
<b>DISTRIBUTION</b>												
3	DS	DISTRIBUTION SERV	157,022	1,115,844,489	8.0838	90,203,109	53.35	13,056,945	14.5	1,147,088	91,350,197	14.3
4	DT-PRI	TIME OF DAY	443	492,952,443	6.2525	30,821,870	18.23	3,985,169	12.9	506,755	31,328,625	12.7
5	DT-SEC	TIME OF DAY	1,786	683,434,130	6.7112	45,866,347	27.13	6,390,213	13.9	702,570	46,568,917	13.7
6	EH	ELEC SPACE HEATING	502	9,803,357	6.4326	630,615	0.37	91,172	14.5	10,076	640,693	14.2
7	SP	SPORTS SERV	184	269,849	10.7831	29,098	0.02	3,385	11.6	277	29,375	11.5
8	GSFL	SMALL FIXED LOADS	540	6,194,943	9.5305	590,407	0.35	85,667	14.5	6,368	596,775	14.4
9	DP	PRIMARY VOLTAGE	120	13,046,582	7.1666	934,990	0.55	166,558	17.8	13,412	948,402	17.6
10	<b>TOTAL DISTRIBUTION</b>		<b>160,597</b>	<b>2,321,545,793</b>	<b>7.2829</b>	<b>169,076,436</b>	<b>50.32</b>	<b>23,779,109</b>	<b>14.1</b>	<b>2,386,548</b>	<b>171,462,984</b>	<b>13.9</b>
<b>TRANSMISSION</b>												
11	TT	TIME OF DAY	156	213,269,428	5.7718	12,309,452	100.00	1,393,631	11.3	219,241	12,528,693	11.1
12	<b>TOTAL TRANSMISSION</b>		<b>156</b>	<b>213,269,428</b>	<b>5.7718</b>	<b>12,309,452</b>	<b>3.66</b>	<b>1,393,631</b>	<b>11.3</b>	<b>219,241</b>	<b>12,528,693</b>	<b>11.1</b>
<b>REAL TIME PRICING</b>												
13	DT-RTP PRI	REAL TIME PRICING	0	0	-	0	0.00	0	0.0	0	0	0.0
14	DT-RTP SEC	REAL TIME PRICING	24	4,131,069	3.4276	141,597	24.34	35,523	25.1	0	141,597	25.1
15	DS-RTP	REAL TIME PRICING	36	299,922	8.6426	25,921	4.46	2,579	9.9	0	25,921	9.9
16	TT-RTP	REAL TIME PRICING	24	12,915,280	3.2064	414,116	71.20	48,342	11.7	0	414,116	11.7
17	<b>TOTAL REAL TIME PRICING</b>		<b>84</b>	<b>17,346,271</b>	<b>3.3531</b>	<b>581,634</b>	<b>0.17</b>	<b>86,444</b>	<b>14.9</b>	<b>0</b>	<b>581,634</b>	<b>14.9</b>
<b>LIGHTING</b>												
18	SL	STREET LIGHTING	138,477	10,839,811	12.3232	1,335,809	71.72	159,846	12.0	11,143	1,346,952	11.9
19	TL	TRAFFIC LIGHTING	94,895	1,438,465	4.8719	70,080	3.76	8,406	12.0	1,479	71,559	11.7
20	UOLS	UNMTRD OUTDR LIGHT	85,492	5,454,321	3.7025	201,946	10.84	24,299	12.0	5,607	207,553	11.7
21												
22	NSU	NON STD STREET LIGHT	8,364	405,021	15.2069	61,591	3.31	7,352	11.9	416	62,007	11.9
23												
24	SC	CUST OWNED STREET LIGHTING	2,064	97,596	3.7020	3,613	0.19	435	12.0	100	3,713	11.7
25	SE	OVH HD EQUIV STREET LIGHTING	24,744	1,476,997	12.8330	189,543	10.18	22,650	11.9	1,519	191,062	11.9
26	<b>TOTAL LIGHTING</b>		<b>354,036</b>	<b>19,712,211</b>	<b>9.4489</b>	<b>1,862,582</b>	<b>0.55</b>	<b>222,988</b>	<b>12.0</b>	<b>20,264</b>	<b>1,882,846</b>	<b>11.8</b>
<b>OTHER MISC REVENUE</b>												
27	ID01	INTERDEPARTMENTAL	12	729,253	7.0379	51,324	0.21	0	0.0	750	52,074	0.0
28	PJM AND TRANSMISSION		0	0	-	3,984,486	16.17	0	0.0	0	3,984,486	0.0
29	BAD CHECK CHARGES		0	0	-	23,092	0.09	0	0.0	0	23,092	0.0
30	RECONNECTION CHGS		0	0	-	189,382	0.77	0	0.0	0	189,382	0.0
31	POLE AND LINE ATTACHMENTS		0	0	-	117,775	0.48	0	0.0	0	117,775	0.0
32	RENTS		0	0	-	930,344	3.78	0	0.0	0	930,344	0.0
33	WS	SPECIAL CONTRACTS	132	138,735	0.055596	7,570	0.03	0	0.0	143	7,713	0.0
34	OTHER MISC		0	0	-	19,330,403	78.47	0	0.0	0	19,330,403	0.0
35	<b>TOTAL MISC REVENUE</b>		<b>144</b>	<b>867,988</b>		<b>24,634,376</b>	<b>7.33</b>	<b>0</b>	<b>0.0</b>	<b>893</b>	<b>24,635,269</b>	<b>0.0</b>
36	<b>TOTAL</b>		<b>2,040,214</b>	<b>4,026,493,725</b>	<b>8.3471</b>	<b>336,093,831</b>	<b>100.00</b>	<b>48,018,608</b>	<b>14.3</b>	<b>4,121,403</b>	<b>340,215,234</b>	<b>14.1</b>

NOTE: DETAIL CONTAINED ON SCHEDULES M-2.2 PAGES 2 THROUGH 20.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FORECASTED PERIOD  
TYPE OF FILING:  X  ORIGINAL   UPDATED   REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected  
6 Months Actual Ending May 31, 2017

SCHEDULE M-2.2  
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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	RS	RESIDENTIAL										
2		CUSTOMER CHARGE:										
3		BILLS	1,525,197		\$4.50	6,863,387	5.4	10,249,323	149.3		6,863,387	149.3
4		ENERGY CHARGE (3):										
5		ALL KWH		1,453,752,034	0.075456	109,694,313	85.9	12,287,113	11.2		109,694,313	11.2
6		TOTAL RATE RS EXCLUDING RIDERS	1,525,197	1,453,752,034		116,557,700	91.3	22,536,436	19.3		116,557,700	19.3
7		RIDERS:										
8		HOME ENERGY ASSISTANCE (HEA)			\$0.10	152,520	0.1	0	0.0		152,520	0.0
9		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.007967	11,582,042	9.1	0	0.0		11,582,042	0.0
10		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
11		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
12		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					1,494,457	1,494,457	0.0
13		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
14		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(662,911)	(0.5)	0	0.0		(662,911)	0.0
15		TOTAL RIDERS				11,071,651	8.7	0	0.0	1,494,457	12,566,108	0.0
16		TOTAL RATE RS INCLUDING RIDERS	1,525,197	1,453,752,034		127,629,351	100.0	22,536,436	17.7	1,494,457	129,123,808	17.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FORECASTED PERIOD  
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WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected  
6 Months Actual Ending May 31, 2017

SCHEDULE M-2.2  
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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES	CURRENT REVENUE LESS FUEL COST	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV	% INCR IN REV LESS FUEL COST REV	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
	(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)
				(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DS	SERVICE AT										
2		DISTRIBUTION VOLTAGE										
3		CUSTOMER CHARGE:										
4		LOAD MANAGEMENT RIDER - NON-INTERVAL	1,798		\$5.00	8,990	0.0	0	0.0		8,990	0.0
5		LOAD MANAGEMENT RIDER - INTERVAL	12		\$100.00	1,200	0.0	(1,140)	(95.0)		1,200	(95.0)
6		SINGLE PHASE	84,521		\$7.50	633,908	0.7	814,782	128.5		633,908	128.5
7		THREE PHASE	72,501		\$15.00	1,087,515	1.2	1,397,819	128.5		1,087,515	128.5
8		TOTAL CUSTOMER CHARGE	157,022			1,731,613	1.9	2,211,461	127.7		1,731,613	127.7
9		DEMAND CHARGE:										
10		FIRST 15 KW		1,388,597	\$0.00	0	0.0	0	0.0		0	0.0
11		ADDITIONAL KW		2,491,897	\$7.75	19,312,203	21.4	2,442,059	12.6		19,312,203	12.6
12		TOTAL DEMAND		3,880,494		19,312,203	21.4	2,442,059	12.6		19,312,203	12.6
13		ENERGY CHARGE (3):										
14		FIRST 6000 KWH		366,515,604	0.081645	29,924,166	33.2	3,764,849	12.6		29,924,166	12.6
15		NEXT 300KWH/KW		627,126,263	0.050119	31,430,941	34.8	3,954,658	12.6		31,430,941	12.6
16		ADDITIONAL KWH		119,801,361	0.041043	4,917,007	5.5	618,295	12.6		4,917,007	12.6
17		NON-CHURCH "CAP" RATE		1,783,161	0.241184	430,070	0.5	54,108	12.6		430,070	12.6
18		CHURCH CAP RATE		618,100	0.148065	91,519	0.1	11,515	12.6		91,519	12.6
19		TOTAL ENERGY		1,115,844,489		66,793,703	74.1	8,403,425	12.6		66,793,703	12.6
20		TOTAL RATE DS EXCLUDING RIDERS	157,022	1,115,844,489		87,837,519	97.4	13,056,945	14.9		87,837,519	14.9
21		RIDERS:										
22		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	2,874,415	3.2	0	0.0		2,874,415	0.0
23		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
24		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0	0	0.0		0	0.0
25		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					1,147,088	1,147,088	0.0
26		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
27		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(508,825)	(0.6)	0	0.0		(508,825)	0.0
28		TOTAL RIDERS				2,365,590	2.6	0	0.0	1,147,088	3,512,678	0.0
29		TOTAL RATE DS INCLUDING RIDERS	157,022	1,115,844,489		90,203,109	100.0	13,056,945	14.5	1,147,088	91,350,197	14.3

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL ADJUSTMENT CLAUSE OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.002297 PER KWH

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FORECASTED PERIOD  
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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH/KWH)	(\$/KWH)/ (\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DT-PRI	TIME OF DAY PRIMARY										
2	SUMMER:											
3	CUSTOMER CHARGE:											
4		PRIMARY VOLTAGE	148		\$100.00	14,800	0.0	54,020	365.0		14,800	365.0
5		TOTAL CUSTOMER CHARGE	148			14,800	0.0	54,020	365.0		14,800	365.0
6	DEMAND CHARGE:											
7		ON PEAK KW		327,270	\$12.75	4,172,693	13.5	536,722	12.9		4,172,693	0.0
8		OFF PEAK KW		16,385	\$1.15	18,843	0.1	2,458	13.0		18,843	13.0
9		SUB-TOTAL		343,655		4,191,536	13.6	539,180	12.9		4,191,536	12.9
10	PRIMARY SERV. DIS.											
11		FIRST 1000 KW		130,343	(\$0.65)	(84,723)	(0.3)	(10,427)	12.3		(84,723)	12.3
12		ADDITIONAL KW		213,311	(\$0.50)	(106,656)	(0.3)	(12,798)	12.0		(106,656)	12.0
13		TOTAL DEMAND		343,654		4,000,157	13.0	515,955	12.9		4,000,157	12.9
14	ENERGY CHARGE (3):											
15		ON PEAK KWH		49,861,512	0.044195	2,203,630	7.1	283,213	12.9		2,203,630	12.9
16		OFF PEAK KWH		126,004,348	0.036195	4,560,727	14.9	585,795	12.8		4,560,727	12.8
17		TOTAL SUMMER	148	175,865,860		10,779,314	35.0	1,438,963	13.3		10,779,314	13.3
18	WINTER:											
19	CUSTOMER CHARGE:											
20		PRIMARY VOLTAGE	295		\$100.00	29,500	0.1	107,675	365.0		29,500	365.0
21		TOTAL CUSTOMER CHARGE	295			29,500	0.1	107,675	365.0		29,500	365.0
22	DEMAND CHARGE:											
23		ON PEAK KW		603,475	\$12.07	7,283,938	23.6	935,386	12.8		7,283,938	0.0
24		OFF PEAK KW		41,090	\$1.15	47,253	0.2	6,164	13.0		47,253	13.0
25		SUB-TOTAL		644,564		7,331,191	23.8	941,550	12.8		7,331,191	12.8
26	PRIMARY SERV. DIS.											
27		FIRST 1000 KW		266,634	(\$0.65)	(173,312)	(0.6)	(21,331)	12.3		(173,312)	12.3
28		ADDITIONAL KW		377,931	(\$0.50)	(188,965)	(0.6)	(22,676)	12.0		(188,965)	12.0
29		TOTAL DEMAND		644,564		6,968,914	22.6	897,543	12.9		6,968,914	12.9
30	ENERGY CHARGE (3):											
31		ON PEAK KWH		87,022,244	0.042195	3,671,904	11.9	471,399	12.8		3,671,904	12.8
32		OFF PEAK KWH		230,064,339	0.036195	8,327,179	27.0	1,069,569	12.8		8,327,179	12.8
33		TOTAL WINTER	295	317,086,583		18,997,497	61.6	2,546,186	13.4		18,997,497	13.4
34		TOTAL RATE DT PRIMARY EXCLUDING RIDERS	443	492,952,443		29,776,811	96.6	3,985,169	13.4	0	29,776,811	13.4
35	RIDERS:											
36		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	1,269,845	4.1	0	0.0		1,269,845	0.0
37		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.00	0	0.0	0	0.0		0	0.0
38		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0	0	0.0		0	0.0
39		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					506,755	506,755	0.0
40		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
41		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(224,786)	(0.7)	0	0.0		(224,786)	0.0
42		TOTAL RIDERS				1,045,059	3.4	0	0.0	506,755	1,551,814	0.0
43		TOTAL RATE DT PRIMARY INCLUDING RIDERS	443	492,952,443		30,821,870	100.0	3,985,169	12.9	506,755	31,328,625	12.7

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

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6 Months Actual Ending May 31, 2017

SCHEDULE M-2.2  
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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (N / K)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWK/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1		DT-SEC TIME OF DAY SECONDARY										
2		SUMMER:										
3		CUSTOMER CHARGE:										
4		SINGLE PHASE	0		\$7.50	0	0.0	0	0.0		0	0.0
5		THREE PHASE	595		\$15.00	8,925	0.0	229,075	2566.7		8,925	2566.7
6		TOTAL CUSTOMER CHARGE	595			8,925	0.0	229,075	2566.7		8,925	2566.7
7		DEMAND CHARGE:										
8		ON PEAK KW		522,436	\$12.75	6,661,059	14.6	856,795	12.9		6,661,059	0.0
9		OFF PEAK KW		12,081	\$1.15	13,893	0.0	1,812	13.0		13,893	13.0
10		TOTAL DEMAND		534,517		6,674,952	14.6	858,607	12.9		6,674,952	12.9
11		ENERGY CHARGE (3):										
12		ON PEAK KWH		76,814,079	0.044195	3,394,798	7.4	436,304	12.9		3,394,798	12.9
13		OFF PEAK KWH		168,266,676	0.036195	6,090,412	13.3	782,272	12.8		6,090,412	12.8
14		TOTAL SUMMER	595	245,080,755		16,169,087	35.3	2,306,258	14.3		16,169,087	14.3
15		WINTER:										
16		CUSTOMER CHARGE:										
17		SINGLE PHASE	0		\$7.50	0	0.0	0	0.0		0	0.0
18		THREE PHASE	1,191		\$15.00	17,865	0.0	458,535	2566.7		17,865	2566.7
19		TOTAL CUSTOMER CHARGE	1,191			17,865	0.0	458,535	2566.7		17,865	2566.7
20		DEMAND CHARGE:										
21		ON PEAK KW		956,046	\$12.07	11,539,469	25.2	1,481,871	12.8		11,539,469	0.0
22		OFF PEAK KW		22,660	\$1.15	26,059	0.1	3,399	13.0		26,059	13.0
23		TOTAL DEMAND		978,706		11,565,528	25.3	1,485,270	12.8		11,565,528	12.8
24		ENERGY CHARGE (3):										
25		ON PEAK KWH		133,131,149	0.042195	5,617,469	12.2	721,171	12.8		5,617,469	12.8
26		OFF PEAK KWH		305,222,226	0.036195	11,047,518	24.1	1,418,979	12.8		11,047,518	12.8
27		TOTAL WINTER	1,191	438,353,375		28,248,380	61.6	4,083,955	14.5		28,248,380	14.5
28		TOTAL RATE DT SECONDARY EXCLUDING RIDERS	1,786	683,434,130		44,417,467	96.8	6,390,213	14.4		44,417,467	0.0
29		RIDERS:										
30		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	1,760,526	3.9	0	0.0		1,760,526	0.0
31		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
32		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0	0	0.0		0	0.0
33		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					702,570	702,570	0.0
34		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
35		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(311,646)	(0.7)	0	0.0		(311,646)	0.0
36		TOTAL RIDERS				1,448,880	3.2	0	0.0	702,570	2,151,450	0.0
37		TOTAL RATE DT SECONDARY INCLUDING RIDERS	1,786	683,434,130		45,866,347	100.0	6,390,213	13.9	702,570	46,568,917	13.7

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  BASE PERIOD  FORECASTED PERIOD  
TYPE OF FILING:  ORIGINAL  UPDATED  REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected  
6 Months Actual Ending May 31, 2017

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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES	CURRENT REVENUE LESS FUEL COST	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV	% INCR IN REV LESS FUEL COST REV	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE	TOTAL REVENUE % INCREASE
	(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K+H)	(O)
				(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	EH	OPTIONAL RATE FOR										
2		ELEC. SPACE HEATING										
3		CUSTOMER CHARGE:										
4		SINGLE PHASE	112		\$7.50	840	0.1	1,080	128.6		840	128.6
5		THREE PHASE	390		\$15.00	5,850	1.0	7,519	128.5		5,850	128.5
6		PRIMARY VOLTAGE	0		\$100.00	0	0.0	0	0.0		0	0.0
7		TOTAL CUSTOMER CHARGE	502			6,690	1.1	8,599	128.5		6,690	128.5
8		DEMAND CHARGE:										
9		ALL KW		38,467	\$0.00	0	0.0	0	0.0		0	0.0
10		ENERGY CHARGE (3):										
11		ALL CONSUMPTION		9,803,357	0.061524	603,142	95.6	82,573	13.7		603,142	13.7
12		TOTAL RATE EH EXCLUDING RIDERS	502	9,803,357		609,832	96.7	91,172	15.0		609,832	15.0
13		RIDERS:										
14		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	25,253	4.0	0	0.0		25,253	0.0
15		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
16		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
17		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					10,078	10,078	0.0
18		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
19		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(4,470)	(0.7)	0	0.0		(4,470)	0.0
20		TOTAL RIDERS				20,783	3.3	0	0.0	10,078	30,861	0.0
21		TOTAL RATE EH INCLUDING RIDERS	502	9,803,357		630,615	100.0	91,172	14.5	10,078	640,693	14.2

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FDRECASTED PERIOD  
TYPE OF FILING:  X  ORIGINAL   UPDATED   REVISED  
WORK PAPER REFERENCE NO(S):  
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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (O)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	SP	SEASONAL SPORTS SERVICE										
2		MINIMUM BILLS (4)	0			0	0.0	0	0.0		0	0.0
3		CUSTOMER CHARGE	184		\$7.50	1,380	4.7	1,774	128.6		1,380	128.6
4		ENERGY CHARGE (3):										
5		ALL CONSUMPTION		269,849	0.100598	27,146	93.3	1,911	5.9		27,146	5.9
6		TOTAL RATE SP EXCLUDING RIDERS	184	269,849		28,526	98.0	3,365	11.9		28,526	11.9
7		RIDERS:										
8		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	695	2.4	0	0.0		695	0.0
9		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
10		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
11		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					277	277	0.0
12		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
13		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(123)	(0.4)	0	0.0		(123)	0.0
14		TOTAL RIDERS				572	2.0	0	0.0	277	849	0.0
15		TOTAL RATE SP INCLUDING RIDERS	184	269,849		29,098	100.0	3,385	11.6	277	29,375	11.5
16	GS-FL	SMALL FIXED LOADS										
17		MINIMUM BILLS	540		\$3.00	1,620	0.3	76	4.7		1,620	4.7
18		BASE RATE (3):										
19		LOAD RANGE 540 TO 720 HRS	0	12,111	0.080723	978	0.2	145	14.8		978	14.8
20		LOAD RANGE LESS THAN 540 HRS	0	6,182,832	0.092947	574,676	97.2	85,446	14.9		574,676	14.9
21		TOTAL RATE GS-FL EXCLUDING RIDERS	540	6,194,943		577,274	97.8	85,667	14.8		577,274	14.8
22		RIDERS:										
23		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	15,958	2.7	0	0.0		15,958	0.0
24		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
25		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
26		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					6,368	6,368	0.0
27		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
28		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(2,825)	(0.5)	0	0.0		(2,825)	0.0
29		TOTAL RIDERS				13,133	2.2	0	0.0	6,368	19,501	0.0
30		TOTAL RATE GS-FL INCLUDING RIDERS	540	6,194,943		590,407	100.0	85,667	14.5	6,368	596,775	14.4

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(4) 1.5% OF INSTALLED TRANSFORMER AND METERING COSTS BUT NOT LESS THAN CUSTOMER CHARGE WHETHER SERVICE IS ON OR DISCONNECTED.



DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
**ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES**  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  BASE PERIOD  FORECASTED PERIOD  
TYPE OF FILING:  ORIGINAL  UPDATED  REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected  
6 Months Actual Ending May 31, 2017

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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV (F - K)	% INCR IN REV LESS FUEL COST REV (M / K)	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
	(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)
				(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DP	SERVICE AT PRIMARY DISTRIBUTION VOLTAGE										
3		CUSTOMER CHARGE:										
4		LOAD MANAGEMENT RIDER	24		\$100.00	2,400	0.3	(2,280)	(95.0)		2,400	(95.0)
5		PRIMARY VOLTAGE	120		\$100.00	12,000	1.2	2,254	18.8		12,000	18.8
6		TOTAL CUSTOMER CHARGE	120			14,400	1.5	(26)	(76.2)		14,400	(0.2)
7		DEMAND CHARGE:										
8		ALL KW		34,707	\$7.08	245,728	26.3	45,814	18.6		245,728	18.6
9		TOTAL DEMAND		34,707		245,728	26.3	45,814	18.6		245,728	18.6
10		ENERGY CHARGE (3):										
11		FIRST 300KWH/KW		10,097,570	0.051068	515,663	55.2	96,199	18.7		515,663	18.7
12		ADDITIONAL KWH		2,928,055	0.043198	126,486	13.5	23,627	18.7		126,486	18.7
13		CAP RATE KWH		20,957	0.241184	5,054	0.5	944	18.7		5,054	18.7
14		TOTAL ENERGY		13,046,582		647,203	69.2	120,770	18.7		647,203	18.7
15		TOTAL RATE DP EXCLUDING RIDERS	120	13,046,582		907,331	97.0	166,558	18.4		907,331	18.4
16		RIDERS:										
17		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	33,608	3.6	0	0.0		33,608	0.0
18		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
19		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0	0	0.0		0	0.0
20		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					13,412	13,412	0.0
21		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
22		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(5,949)	(0.6)	0	0.0		(5,949)	0.0
23		TOTAL RIDERS				27,659	3.0	0	0.0	13,412	41,071	0.0
24		TOTAL RATE DP INCLUDING RIDERS	120	13,046,582		934,990	100.0	166,558	17.8	13,412	948,402	17.6

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

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

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS (F - K)	% INCR IN REV LESS (M / K)	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)	
			(KWKWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)	
1	TT	TIME OF DAY										
2	SUMMER:											
3	CUSTOMER CHARGE		52		\$500.00	26,000	0.2	0	0.0	26,000	0.0	
4	DEMAND CHARGE:											
5	ON PEAK KW			158,600	\$7.60	1,205,360	9.8	136,396	11.3	1,205,360	11.3	
6	OFF PEAK KW			6,575	\$1.15	7,561	0.1	855	11.3	7,561	11.3	
7	TOTAL DEMAND			165,175		1,212,921	9.9	137,251	11.3	1,212,921	11.3	
8	ENERGY CHARGE (3):											
9	ON PEAK KWH			25,151,023	0.042648	1,072,641	8.7	296,933	27.7	1,072,641	27.7	
10	OFF PEAK KWH			45,316,087	0.042648	1,932,640	15.7	88,186	4.6	1,932,640	4.6	
11	TOTAL ENERGY			70,467,110		3,005,281	24.4	385,119	12.8	3,005,281	12.8	
12	TOTAL SUMMER		52	70,467,110		4,244,202	34.5	522,370	12.3	4,244,202	12.3	
13	WINTER:											
14	CUSTOMER CHARGE		104		\$500.00	52,000	0.4	0	0.0	52,000	0.0	
15	DEMAND CHARGE:											
16	ON PEAK KW			315,419	\$6.24	1,968,213	16.0	223,948	11.4	1,968,213	11.4	
17	OFF PEAK KW			11,328	\$1.15	13,027	0.1	1,472	11.3	13,027	11.3	
18	TOTAL DEMAND			326,747		1,981,240	16.1	225,420	11.4	1,981,240	11.4	
19	ENERGY CHARGE (3):											
20	ON PEAK KWH			49,796,666	0.042648	2,123,728	17.3	464,852	21.9	2,123,728	21.9	
21	OFF PEAK KWH			93,005,652	0.042648	3,966,505	32.2	180,989	4.6	3,966,505	4.6	
22	TOTAL ENERGY			142,802,318		6,090,233	49.5	645,841	10.6	6,090,233	10.6	
23	TOTAL WINTER		104	142,802,318		8,123,473	66.0	871,261	10.7	8,123,473	10.7	
24	TOTAL RATE TT EXCLUDING RIDERS		156	213,269,428		12,367,675	100.5	1,393,631	11.3	12,367,675	11.3	
25	RIDERS:											
26	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.000183	39,028	0.3	0	0.0	39,028	0.0	
27	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0	0	0.0	0	0.0	
28	FUEL ADJUSTMENT CLAUSE (FAC)				0.001028					219,241	0.0	
29	FERC TRANSMISSION COST RECOVERY RIDER (FTR)				0.000000	0	0.0	0	0.0	0	0.0	
30	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(97,251)	(0.8)	0	0.0	(97,251)	0.0	
31	TOTAL RIDERS					(58,223)	(0.5)	0	0.0	161,018	0.0	
32	TOTAL RATE TT INCLUDING RIDERS		156	213,269,428		12,309,452	100.0	1,393,631	11.3	12,528,693	11.1	

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
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(ELECTRIC SERVICE)

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B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1		DT RTP TIME OF DAY SERVICE AT SECONDARY DISTRIBUTION VOLTAGE										
2												
3		CUSTOMER CHARGE:										
4		BILLS (Real-Time Pricing)	24		\$183.00	4,392	3.1	0	0.0		4,392	0.0
5		TOTAL CUSTOMER CHARGE				4,392	3.1	0	0.0		4,392	0.0
6		ENERGY CHARGE:										
7		ALL KWH		4,131,069	0.006053	25,005	17.7	38,663	154.6		25,005	154.6
8		ANCILLARY SERVICES		4,131,069	0.000760	3,140	2.2	(3,140)	(100.0)		3,140	(100.0)
9		COMMODITY CHARGES		4,131,069	0.024280	100,302	70.8	0	0.0	0	100,302	0.0
10		TOTAL ENERGY		4,131,069		128,447	90.7	35,523	27.7	0	128,447	27.7
11		TOTAL RATE DT RTP SECONDARY EXCLUDING RIDERS	24	4,131,069		132,839	93.8	35,523	26.7	0	132,839	26.7
12		RIDERS:										
13		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	10,642	7.5	0	0.0		10,642	0.0
14		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
15		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)		0	0.00	0	0.0	0	0.0		0	0.0
16		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
17		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(1,884)	(1.3)	0	0.0		(1,884)	0.0
18		TOTAL RIDERS				8,758	6.2	0	0.0	0	8,758	0.0
19		TOTAL RATE DT RTP SECONDARY INCLUDING RIDERS	24	4,131,069		141,597	100.0	35,523	25.1	0	141,597	25.1

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
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B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST (K)	% OF REV TO TOTAL LESS FUEL COST (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1		DS RTP SERVICE AT SECONDARY										
2		DISTRIBUTION VOLTAGE										
3		CUSTOMER CHARGE:										
4		BILLS (Real-Time Pricing)	36		\$183.00	6,588	25.4	0	0.0		6,588	0.0
5		TOTAL CUSTOMER CHARGE				6,588	25.4	0	0.0		6,588	0.0
6		ENERGY CHARGE:										
7		ALL KWH		299,922	0.006053	1,815	7.0	2,807	154.7		1,815	154.7
8		ANCILLARY SERVICES		299,922	0.000760	228	0.9	(228)	(100.0)		228	(100.0)
9		COMMODITY CHARGES		299,922	0.055529	16,654	64.2	0	0.0	0	16,654	0.0
10		TOTAL ENERGY		299,922		18,697	72.1	2,579	13.8	0	18,697	13.8
11		TOTAL RATE DS RTP EXCLUDING RIDERS	36	299,922		25,285	97.5	2,579	10.2	0	25,285	10.2
12		RIDERS:										
13		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	773	3.0	0	0.0		773	0.0
14		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
15		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)		0	0.00	0	0.0	0	0.0		0	0.0
16		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
17		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(137)	(0.5)	0	0.0		(137)	0.0
18		TOTAL RIDERS				636	2.5	0	0.0	0	636	0.0
19		TOTAL RATE DS RTP INCLUDING RIDERS	36	299,922		25,921	100.0	2,579	9.9	0	25,921	9.9

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:   X   BASE PERIOD    FORECASTED PERIOD  
TYPE OF FILING:   X   ORIGINAL    UPDATED    REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected  
6 Months Actual Ending May 31, 2017

SCHEDULE M-2.2  
PAGE 12 OF 20  
WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS (F - K) (M)	% INCR IN REV LESS (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	TT RTP	TIME OF DAY SERVICE AT										
2		TRANSMISSION VOLTAGE										
3	CUSTOMER CHARGE:											
4	BILLS (Real-Time Pricing)		24		\$183.00	4,392	1.1	0	0.0		4,392	0.0
5	TOTAL CUSTOMER CHARGE					4,392	1.1	0	0.0		4,392	0.0
6	ENERGY CHARGE:											
7	ALL KWH			12,915,280	0.002008	25,934	6.3	57,654	222.3		25,934	222.3
8	ANCILLARY SERVICES			12,915,280	0.000721	9,312	2.2	(9,312)	(100.0)		9,312	(100.0)
9	COMMODITY CHARGES			12,915,280	0.029268	378,004	91.3	0	0.0	0	378,004	0.0
10	TOTAL ENERGY			12,915,280		413,250	99.8	48,342	11.7	0	413,250	11.7
11	TOTAL RATE TT RTP EXCLUDING RIDERS		24	12,915,280		417,642	100.9	48,342	11.6	0	417,642	11.6
12	RIDERS:											
13	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.000183	2,363	0.6	0	0.0		2,363	0.0
14	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0	0	0.0		0	0.0
15	FERC TRANSMISSION COST RECOVERY RIDER (FTR)				0.000000	0	0.0	0	0.0		0	0.0
16	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(5,889)	(1.5)	0	0.0		(5,889)	0.0
17	TOTAL RIDERS					(3,526)	(0.9)	0	0.0	0	(3,526)	0.0
18	TOTAL RATE TT RTP INCLUDING RIDERS		24	12,915,280		414,116	100.0	48,342	11.7	0	414,116	11.7

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FORECASTED PERIOD  
TYPE OF FILING:  X  ORIGINAL   UPDATED   REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected

SCHEDULE M-2.2  
PAGE 13 OF 20  
WITNESS RESPONSIBLE:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES(1A) (J)	CURRENT FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (N / K)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	SL	STREET LIGHTING - CO OWNED & MAINTAINED										
2		OVERHEAD DISTRIBUTION:										
3		MERCURY VAPOR:										
4	7,000	LUMEN	67,685	4,529,255	7.11	481,240	36.0	57,533	12.0	4,657	485,897	11.8
5	7,000	LUMEN (OPEN)	61	4,336	5.94	362	0.0	44	12.2	4	366	12.0
6	7,000	LUMEN (4)	36	2,409	11.45	412	0.0	50	12.1	2	414	12.1
7	7,000	LUMEN (5)	560	37,473	11.51	6,446	0.5	767	11.9	39	6,485	11.8
8	7,000	LUMEN (6)	119	7,963	12.38	1,473	0.1	176	11.9	8	1,481	11.9
9	7,000	LUMEN (8A)	132	8,833	14.12	1,864	0.1	222	11.9	9	1,873	11.9
10	10,000	LUMEN	2,199	209,638	8.21	18,054	1.4	2,155	11.9	216	18,270	11.8
11	10,000	LUMEN (5)	7	657	12.61	88	0.0	11	12.5	1	89	12.4
12	21,000	LUMEN	9,600	1,431,200	10.99	105,504	7.9	12,576	11.9	1,471	106,975	11.8
13	21,000	LUMEN (5)	132	19,679	15.39	2,031	0.2	242	11.9	20	2,051	11.8
14	21,000	LUMEN (6)	132	19,679	16.26	2,146	0.2	256	11.9	20	2,166	11.8
15		METAL HALIDE:										
16	14,000	LUMEN	336	22,484	7.11	2,389	0.2	286	12.0	23	2,412	11.9
17	14,000	LUMEN (5)	48	3,212	11.51	552	0.0	66	12.0	3	555	11.9
18	14,000	LUMEN (6)	91	6,089	12.38	1,127	0.1	134	11.9	6	1,133	11.8
19	14,000	LUMEN (10)	12	803	11.51	138	0.0	17	12.3	1	139	12.2
20	20,500	LUMEN	168	16,016	8.21	1,379	0.1	165	12.0	16	1,395	11.8
21	20,500	LUMEN (6)	24	2,288	13.48	324	0.0	38	11.7	2	326	11.7
22	36,000	LUMEN	0	0	10.99	0	0.0	0	0.0	0	0	0.0
23		SODIUM VAPOR:										
24	9,500	LUMEN	19,202	779,291	7.87	151,120	11.3	18,050	11.9	801	151,921	11.9
25	9,500	LUMEN (OPEN)	120	4,870	5.91	709	0.1	84	11.8	5	714	11.8
26	9,500	LUMEN (4)	48	1,948	12.21	586	0.0	70	11.9	2	588	11.9
27	9,500	LUMEN (5)	685	27,800	12.27	8,405	0.6	1,000	11.9	29	8,434	11.9
28	9,500	LUMEN (6)	685	27,800	13.14	9,001	0.7	1,075	11.9	29	9,030	11.9
29	16,000	LUMEN	372	22,041	8.58	3,192	0.2	379	11.9	23	3,215	11.8
30	16,000	LUMEN (5)	12	711	12.98	156	0.0	18	11.5	1	157	11.5
31	16,000	LUMEN (6)	108	6,399	13.85	1,496	0.1	178	11.9	7	1,503	11.8
32	22,000	LUMEN	5,435	429,365	11.13	60,492	4.5	7,174	11.9	441	60,933	11.8
33	22,000	LUMEN (4)	36	2,844	15.47	557	0.0	66	11.8	3	560	11.8
34	22,000	LUMEN (5)	219	17,301	15.53	3,401	0.3	403	11.8	18	3,419	11.8
35	22,000	LUMEN (6)	72	5,688	16.40	1,181	0.1	140	11.9	6	1,187	11.8
36	22,000	LUMEN (8)	12	948	18.07	217	0.0	26	12.0	1	218	11.9
37	27,500	LUMEN	96	7,584	11.13	1,068	0.1	127	11.9	8	1,076	11.8
38	27,500	LUMEN (6)	12	948	16.40	197	0.0	23	11.7	1	198	11.6
39	50,000	LUMEN	10,369	1,692,739	14.95	155,017	11.6	18,456	11.9	1,740	156,757	11.8
40	50,000	LUMEN (5)	312	50,934	19.35	6,037	0.5	718	11.9	52	6,089	11.8
41	50,000	LUMEN (6)	619	101,052	20.22	12,516	0.9	1,492	11.9	104	12,620	11.8

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) WITH 17' WOOD LAMINATED POLE.  
(4) WITH 30' WOOD POLE.

(5) WITH 35' WOOD POLE.  
(6) WITH 40' WOOD POLE.  
(7) WITH 12' ALUM POLE.  
(8) WITH 28' ALUM POLE.  
(8A) WITH 28' ALUM POLE HEAVY GAUGE.

(9) WITH 30' ALUM POLE.  
(10) WITH 17' FIBERGLASS POLE.  
(11) WITH 12' FIBERGLASS POLE.  
(12) WITH 30' FIBERGLASS POLE.  
(13) WITH 35' FIBERGLASS POLE.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA: X BASE PERIOD FORECASTED PERIOD  
TYPE OF FILING: X ORIGINAL UPDATED REVISED  
WDK/PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected

SCHEDULE M-2.2  
PAGE 14 OF 20  
WITNESS RESPONSIBLE:  
B.L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES (2)	MOST CURRENT RATES(1A)	CURRENT REVENUE LESS FUEL COST (K)	% OF REV TO FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST (F-K) (M)	% INCR IN REV COST (N)	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K+H) (K1)	TOTAL REVENUE (M+K1) (O)	% INCREASE (M/K1) (O)
42	SL	STREET LIGHTING - CO OWNED & MAINTAINED (CONTD.)											
43	OVERHEAD	DISTRIBUTION (CONTD.):											
44	DECORATIVE	SODIUM VAPOR:											
45	5,000	LUMEN RECTILINEAR	0	0	9.78	0	0.0	0	0.0	0	0	0	0.0
46	22,000	LUMEN RECTILINEAR	12	1,023	42.09	145	0.0	17	11.7	1	146	11.6	11.6
47	50,000	LUMEN RECTILINEAR (5)	132	21,549	16.00	2,112	0.2	251	11.9	22	2,134	11.8	11.8
48	50,000	LUMEN RECTILINEAR (6)	180	29,385	20.40	3,672	0.3	496	11.9	30	3,702	11.8	11.8
49	50,000	LUMEN RECTILINEAR (6)	0	0	21.27	0	0.0	0	0.0	0	0	0.0	0.0
50	50,000	LUMEN SETBACK	216	35,262	23.79	5,139	0.4	611	11.9	36	5,175	11.8	11.8
51	50,000	LUMEN SETBACK (6)	36	5,877	29.06	1,046	0.1	125	12.0	6	1,052	11.9	11.9
52	TOTAL OVERHEAD		120,332	9,955,373		1,052,991	78.8	125,657	11.9	9,864	1,062,855	11.8	11.8
53	UNDERGROUND	DISTRIBUTION:											
54	MERCURY	VAPOR:											
55	7,000	LUMEN	60	4,370	7.24	434	0.0	52	12.0	4	438	11.9	11.9
56	7,000	LUMEN (OPEN)	0	0	5.94	0	0.0	0	0.0	0	0	0.0	0.0
57	7,000	LUMEN (4)	600	43,700	11.56	6,946	0.5	828	11.9	45	6,993	11.8	11.8
58	7,000	LUMEN (5)	12	874	11.84	140	0.0	16	11.4	1	141	11.3	11.3
59	7,000	LUMEN (6)	380	26,220	14.18	5,105	0.4	605	11.9	27	5,132	11.8	11.8
60	10,000	LUMEN	0	0	8.36	0	0.0	0	0.0	0	0	0.0	0.0
61	10,000	LUMEN (4)	84	8,505	12.70	1,067	0.1	127	11.9	9	1,076	11.8	11.8
62	10,000	LUMEN (6)	156	15,795	15.30	2,387	0.2	282	11.8	16	2,403	11.7	11.7
63	21,000	LUMEN	96	15,312	11.25	1,080	0.1	129	11.9	16	1,096	11.8	11.8
64	21,000	LUMEN (8)	132	21,054	18.19	2,401	0.2	285	11.9	22	2,423	11.8	11.8
65	METAL HALIDE:												
66	14,000	LUMEN	0	0	7.24	0	0.0	0	0.0	0	0	0.0	0.0
67	20,500	LUMEN	0	0	8.36	0	0.0	0	0.0	0	0	0.0	0.0
68	35,000	LUMEN	0	0	11.25	0	0.0	0	0.0	0	0	0.0	0.0
69	SODIUM	VAPOR:											
70	8,500	LUMEN	0	0	7.87	0	0.0	0	0.0	0	0	0.0	0.0
71	8,500	LUMEN (6)	24	974	13.14	315	0.0	38	12.1	1	316	12.0	12.0
72	9,500	LUMEN (6)	588	23,863	14.81	8,708	0.7	1,035	11.9	25	8,733	11.9	11.9
73	9,500	LUMEN (10)	24	974	12.27	284	0.0	36	12.2	1	285	12.2	12.2
74	9,500	LUMEN (15)	12	487	16.47	196	0.0	23	11.6	1	198	11.6	11.6
75	9,500	LUMEN (OPEN)	0	0	5.99	0	0.0	0	0.0	0	0	0.0	0.0
76	16,000	LUMEN	0	0	8.55	0	0.0	0	0.0	0	0	0.0	0.0
77	16,000	LUMEN (6)	25	1,481	13.82	346	0.0	41	11.8	2	348	11.8	11.8
78	22,000	LUMEN	228	18,012	11.13	2,538	0.2	301	11.9	19	2,557	11.8	11.8
79	22,000	LUMEN (5)	60	4,740	15.53	932	0.1	110	11.8	5	937	11.7	11.7
80	22,000	LUMEN (6)	528	41,712	18.07	9,541	0.7	1,130	11.8	43	9,584	11.8	11.8
81	22,000	LUMEN (8A)	48	3,782	18.14	871	0.1	103	11.8	4	875	11.8	11.8
82	27,500	LUMEN	0	0	11.13	0	0.0	0	0.0	0	0	0.0	0.0
83	27,500	LUMEN (8)	252	19,908	24.99	6,297	0.5	749	11.9	20	6,317	11.9	11.9
84	50,000	LUMEN	336	54,852	14.95	5,023	0.4	598	11.9	56	5,079	11.8	11.8
85	50,000	LUMEN (8)	72	11,754	21.89	1,576	0.1	187	11.9	12	1,588	11.8	11.8
86	50,000	LUMEN (6)	132	21,549	28.81	3,803	0.3	453	11.9	22	3,825	11.8	11.8
87	DECORATIVE	MERCURY VAPOR:											
88	7,000	LUMEN TOWN & COUNTRY	0	0	7.48	0	0.0	0	0.0	0	0	0.0	0.0
89	7,000	LUMEN TOWN & COUNTRY (3)	216	15,354	11.88	2,565	0.2	305	11.9	16	2,582	11.8	11.8
90	7,000	LUMEN TOWN & COUNTRY (10)	5,888	418,639	11.88	69,949	5.2	8,303	11.9	430	70,379	11.8	11.8
91	7,000	LUMEN HOLOPHANE	24	1,748	9.40	226	0.0	26	11.5	2	228	11.4	11.4
92	7,000	LUMEN HOLOPHANE (10)	1,909	139,039	13.80	26,344	2.0	3,131	11.9	143	26,487	11.8	11.8
93	7,000	LUMEN GAS REPLICA (7)	96	6,992	33.45	3,211	0.2	382	11.9	7	3,218	11.9	11.9
94	7,000	LUMEN GRANVILLE	0	0	7.36	0	0.0	0	0.0	0	0	0.0	0.0
95	7,000	LUMEN GRANVILLE (7)	0	0	19.53	0	0.0	0	0.0	0	0	0.0	0.0
96	7,000	LUMEN ASPEN	24	1,748	13.51	327	0.0	39	11.9	2	329	11.9	11.9

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.02387 PER KWH.  
(2) REFLECTS FUEL COMPONENT OF \$0.061628 PER KWH.  
(3) WITH 17' WOOD LAMINATED POLE.  
(4) WITH 30' WOOD POLE.  
(5) WITH 35' WOOD POLE.  
(6) WITH 40' WOOD POLE.  
(7) WITH 12' ALUM POLE.  
(8) WITH 28' ALUM POLE.  
(9) WITH 30' FIBERGLASS POLE.  
(10) WITH 12' FIBERGLASS POLE.  
(11) WITH 17' FIBERGLASS POLE.  
(12) WITH 30' FIBERGLASS POLE.  
(13) WITH 35' FIBERGLASS POLE.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:   X   BASE PERIOD    FORECASTED PERIOD  
TYPE OF FILING:   X   ORIGINAL    UPDATED    REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected

SCHEDULE M-2.2  
PAGE 15 OF 20  
WITNESS RESPONSIBLE:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(1A)	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV	% INCR IN REV LESS FUEL COST REV	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
	(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K)	(O)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
97	SL	STREET LIGHTING - CO OWNED & MAINTAINED (CONTD.)										
98		UNDERGROUND DISTRIBUTION (CONTD.):										
99		DECORATIVE METAL HALIDE:										
100		14,000 LUMEN TRADITIONAIRE	0	0	7.48	0	0.0	0	0.0	0	0	0.0
101		14,000 LUMEN TRADITIONAIRE (7)	60	4,265	19.45	1,167	0.1	139	11.9	4	1,171	11.9
102		14,000 LUMEN TRADITIONAIRE (10)	468	33,267	11.88	5,560	0.4	660	11.9	34	5,594	11.8
103		14,000 LUMEN GRANVILLE	0	0	13.61	0	0.0	0	0.0	0	0	0.0
104		14,000 LUMEN GRANVILLE (11)	0	0	26.48	0	0.0	0	0.0	0	0	0.0
105		14,000 LUMEN GAS REPLICA	0	0	21.57	0	0.0	0	0.0	0	0	0.0
106		14,500 LUMEN GAS REPLICA	0	0	21.57	0	0.0	0	0.0	0	0	0.0
107		14,500 LUMEN GAS REPLICA (7)	240	17,480	33.54	8,050	0.6	955	11.9	18	8,068	11.8
108		14,500 LUMEN GAS REPLICA (10)	60	4,370	25.97	1,558	0.1	185	11.9	4	1,562	11.8
109		DECORATIVE SODIUM VAPOR:										
110		9,500 LUMEN TOWN & COUNTRY	98	3,977	10.93	1,071	0.1	128	12.0	4	1,075	11.9
111		9,500 LUMEN TOWN & COUNTRY (10)	1,896	76,946	15.33	29,066	2.2	3,450	11.9	79	29,145	11.8
112		9,500 LUMEN HOLOPHANE	576	25,536	11.84	6,820	0.5	812	11.9	26	6,846	11.9
113		9,500 LUMEN HOLOPHANE (10)	312	13,832	16.24	5,067	0.4	602	11.9	14	5,081	11.8
114		9,500 LUMEN GAS REPLICA (7)	132	5,852	34.23	4,518	0.3	538	11.9	6	4,524	11.9
115		9,500 LUMEN GAS REPLICA (10)	12	532	26.66	320	0.0	38	11.9	1	321	11.8
116		9,500 LUMEN GAS REPLICA (11)	312	13,832	35.13	10,961	0.8	1,304	11.9	14	10,975	11.9
117		9,500 LUMEN ASPEN (7)	888	39,368	13.79	12,246	0.9	1,456	11.9	40	12,286	11.9
118		9,500 LUMEN TRADITIONAIRE	0	0	10.93	0	0.0	0	0.0	0	0	0.0
119		9,500 LUMEN TRADITIONAIRE (10)	696	28,246	15.33	10,670	0.8	1,266	11.9	29	10,699	11.8
120		9,500 LUMEN GRANVILLE	0	0	13.79	0	0.0	0	0.0	0	0	0.0
121		9,500 LUMEN GRANVILLE (7)	0	0	25.76	0	0.0	0	0.0	0	0	0.0
122		9,500 LUMEN GRANVILLE (10)	0	0	18.19	0	0.0	0	0.0	0	0	0.0
123		9,500 LUMEN GRANVILLE (11)	0	0	26.66	0	0.0	0	0.0	0	0	0.0
124		22,000 LUMEN RECTILINEAR	0	0	12.15	0	0.0	0	0.0	0	0	0.0
125		22,000 LUMEN RECTILINEAR (12)	169	14,407	20.53	3,470	0.3	412	11.9	15	3,485	11.8
126		50,000 LUMEN RECTILINEAR	0	0	16.06	0	0.0	0	0.0	0	0	0.0
127		50,000 LUMEN RECTILINEAR (12)	36	5,877	24.44	880	0.1	105	11.9	6	886	11.9
128		50,000 LUMEN RECTILINEAR (13)	204	33,303	24.66	5,031	0.4	597	11.9	34	5,065	11.8
129		50,000 LUMEN SETBACK	0	0	23.79	0	0.0	0	0.0	0	0	0.0
130		TOTAL UNDERGROUND	18,145	1,244,438		269,082	20.2	31,961	11.9	1,279	270,361	11.8
131		RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH):										
132		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0	0	0	0.0
133		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0	0	0	0.0
134		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0	0	0	0.0
135		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(4,943)	(0.4)	0	0.0	0	(4,943)	0.0
136		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(4,943)	(0.4)	0	0.0	0	(4,943)	0.0
137		ADD'L FACILITIES CHARGE:										
138		OVERHEAD	5,647		0.52	2,936	0.2	339	11.5		2,936	11.5
139		UNDERGROUND	20,991		0.75	15,743	1.2	1,889	12.0		15,743	12.0
140		TOTAL ADD'L FACILITIES CHG	26,638			18,679	1.4	2,228	11.9	0	18,679	11.9
141		TOTAL RATE SLI INCLUDING RIDERS	138,477	10,839,811		1,335,809	100.0	159,846	12.0	11,143	1,346,952	11.9

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) WITH 17' WOOD LAMINATED POLE.  
(4) WITH 30' WOOD POLE.

(5) WITH 35' WOOD POLE.  
(6) WITH 40' WOOD POLE.  
(7) WITH 12' ALUM POLE.  
(8) WITH 28' ALUM POLE.  
(8A) WITH 28' ALUM POLE HEAVY GAUGE.

(9) WITH 30' ALUM POLE.  
(10) WITH 17' FIBERGLASS POLE.  
(11) WITH 12' FIBERGLASS POLE.  
(12) WITH 30' FIBERGLASS POLE.  
(13) WITH 35' FIBERGLASS POLE.



DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:   X   BASE PERIOD        FORECASTED PERIOD  
TYPE OF FILING:   X   ORIGINAL        UPDATED        REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected

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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (S)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	TL	TRAFFIC LIGHTING SERVICE										
2												
3	(A)	WHERE COMPANY										
4		SUPPLIES ENERGY ONLY (3):										
5		ALL CONSUMPTION	76,019	680,382	0.038066	25,899	37.0	3,078	11.9	700	26,599	11.6
6	(B)	WHERE COMPANY										
7		SUPPLIES ENERGY FROM A										
8		SEPARATELY METERED SOURCE										
9		AND PROVIDES LIMITED										
10		MAINTENANCE:										
11		ALL CONSUMPTION	0	0	0.021078	0	0.0	0	0.0	0	0	0.0
12	(B)	WHERE COMPANY										
13		SUPPLIES ENERGY AND										
14		PROVIDES LIMITED										
15		MAINTENANCE (3):										
16		ALL CONSUMPTION	18,876	758,083	0.059145	44,837	63.9	5,328	11.9	779	45,616	11.7
17		TOTAL RATE TL EXCLUDING RIDERS	94,895	1,438,465		70,736	100.9	8,406	11.9	1,479	72,215	11.6
18		RIDERS NOT INCLUDED IN RATES ABOVE:										
19		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
20		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
21		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
22		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(656)	(0.9)	0	0.0		(656)	0.0
23		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(656)	(0.9)	0	0.0		(656)	0.0
24		TOTAL RATE TL INCLUDING RIDERS	94,895	1,438,465		70,080	100.0	8,406	12.0	1,479	71,559	11.7

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  BASE PERIOD  FORECASTED PERIOD  
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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(3)	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV	% INCR IN REV LESS FUEL COST REV	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE	TOTAL REVENUE % INCREASE
(A)	(B)	(C)	(D)	(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	<i>UOLS UNMETERED OUTDOOR LIGHTING SERV</i>											
2	BASE RATE		85,492	5,454,321	0.037481	204,433	101.2	24,299	11.9	5,607	210,040	11.6
3	<i>RIDERS NOT INCLUDED IN RATES ABOVE:</i>											
4	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0	0	0.0		0	0.0
5	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)				0.000000	0	0.0	0	0.0		0	0.0
6	FERC TRANSMISSION COST RECOVERY RIDER (FTR)				0.000000	0	0.0	0	0.0		0	0.0
7	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(2,487)	(1.2)	0	0.0		(2,487)	0.0
8	TOTAL RIDERS NOT INCLUDED IN RATES ABOVE					(2,487)	(1.2)	0	0.0		(2,487)	0.0
9	TOTAL RATE UOLS INCLUDING RIDERS		85,492	5,454,321		201,946	100.0	24,299	12.0	5,607	207,553	11.7

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

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CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(3)	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV (F - K)	% INCR IN REV LESS FUEL COST REV (M / K)	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)	
			(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)	
1		NSU NON STANDARD STREET LIGHT UNITS										
2		(A) COMPANY OWNED										
3		(1) BOULEVARD INCANDESCENT(UG):										
4		2,500 LUMEN SERIES	0	0	9.22	0	0.0	0	0.0	0	0	0.0
5		2,500 LUMEN MULTIPLE	144	9,432	7.16	1,031	1.7	122	11.8	10	1,041	11.7
6		(2) HOLOPHANE DECORATIVE:										
7		10,000 LUMEN MV W										
8		17' FIBERGLASS POLE	372	37,665	16.79	6,246	10.1	744	11.9	39	6,285	11.8
9		(3) STREET LGT UNITS (OH)										
10		2,500 LUMEN INCANDESCENT	372	24,366	7.10	2,641	4.3	313	11.9	25	2,666	11.7
11		2,500 LUMEN MERCURY VAPOR	7,008	264,552	6.72	47,094	76.4	5,606	11.9	271	47,365	11.8
12		21,000 LUMEN MERCURY VAPOR	408	65,076	10.66	4,349	7.1	518	11.9	67	4,416	11.7
13		TOTAL COMPANY OWNED	8,304	401,091		61,361	99.6	7,303	11.9	412	61,773	11.8
14		(B) CUSTOMER OWNED WITH LTD MAINT										
15		(1) BOULEVARD INCANDESCENT(UG):										
16		2,500 LUMEN SERIES	0	0	5.44	0	0.0	0	0.0	0	0	0.0
17		2,500 LUMEN MULTIPLE	60	3,930	6.92	415	0.7	49	0.0	4	419	11.7
18		TOTAL CUSTOMER OWNED	60	3,930		415	0.7	49	11.8	4	419	11.7
19		TOTAL RATE NSU EXCLUDING RIDERS	8,364	405,021		61,776	100.3	7,352	11.9	416	62,192	11.8
20		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):										
21		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
22		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
23		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
24		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(185)	(0.3)	0	0.0		(185)	0.0
25		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(185)	(0.3)	0	0.0		(185)	0.0
26		TOTAL RATE NSU INCLUDING RIDERS	8,364	405,021		61,591	100.0	7,352	11.9	416	62,007	11.9

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:   X   BASE PERIOD    FORECASTED PERIOD  
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CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(3)	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV	% INCR IN REV LESS FUEL COST REV	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE	TOTAL REVENUE % INCREASE
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
			(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(\$)	(%)
1	SC	STREET LIGHTING -										
2		CUST OWNED/LTD MAINT										
3		STANDARD UNIT-COBRAHEAD										
4		MERCURY VAPOR--										
5		7,000 LUMEN	0	0	4.19	0	0.0	0	0.0	0	0	0.0
6		10,000 LUMEN	0	0	5.33	0	0.0	0	0.0	0	0	0.0
7		21,000 LUMEN	0	0	7.40	0	0.0	0	0.0	0	0	0.0
8		METAL HALIDE--										
9		14,000 LUMEN	0	0	4.19	0	0.0	0	0.0	0	0	0.0
10		20,500 LUMEN	0	0	5.33	0	0.0	0	0.0	0	0	0.0
11		38,000 LUMEN	0	0	7.40	0	0.0	0	0.0	0	0	0.0
12		SODIUM VAPOR--										
13		9,500 LUMEN	0	0	5.04	0	0.0	0	0.0	0	0	0.0
14		16,000 LUMEN	0	0	5.62	0	0.0	0	0.0	0	0	0.0
15		22,000 LUMEN	0	0	6.17	0	0.0	0	0.0	0	0	0.0
16		27,500 LUMEN	0	0	6.17	0	0.0	0	0.0	0	0	0.0
17		50,000 LUMEN	0	0	8.36	0	0.0	0	0.0	0	0	0.0
18		DECORATIVE UNITS:										
19		7,000 LUMEN MERCURY VAPOR--										
20		HOLOPHANE	0	0	5.32	0	0.0	0	0.0	0	0	0.0
21		TOWN & COUNTRY	0	0	5.27	0	0.0	0	0.0	0	0	0.0
22		GAS REPLICA	0	0	5.32	0	0.0	0	0.0	0	0	0.0
23		ASPEN	0	0	5.32	0	0.0	0	0.0	0	0	0.0
24		14,000 LUMEN METAL HALIDE--										
25		TRADITIONAIRE	0	0	5.27	0	0.0	0	0.0	0	0	0.0
26		GRANVILLE ACORN	0	0	5.32	0	0.0	0	0.0	0	0	0.0
27		GAS REPLICA	0	0	5.32	0	0.0	0	0.0	0	0	0.0
28		9,500 LUMEN SODIUM VAPOR--										
29		TOWN & COUNTRY	0	0	4.96	0	0.0	0	0.0	0	0	0.0
30		TRADITIONAIRE	0	0	4.96	0	0.0	0	0.0	0	0	0.0
31		GRANVILLE ACORN	0	0	5.18	0	0.0	0	0.0	0	0	0.0
32		RECTILINEAR	0	0	4.96	0	0.0	0	0.0	0	0	0.0
33		ASPEN	0	0	5.18	0	0.0	0	0.0	0	0	0.0
34		HOLOPHANE	0	0	5.18	0	0.0	0	0.0	0	0	0.0
35		GAS REPLICA	0	0	5.18	0	0.0	0	0.0	0	0	0.0
36		SODIUM VAPOR--										
37		22,000 LUMEN (RECTILINEAR)	0	0	6.54	0	0.0	0	0.0	0	0	0.0
38		50,000 LUMEN (RECTILINEAR)	0	0	8.65	0	0.0	0	0.0	0	0	0.0
39		CUST OWNED/CUST MAINT										
40		ENERGY ONLY	2,064	97,596	0.037481	3,658	101.2	435	11.9	100	3,758	11.6
41		TOTAL RATE SC EXCLUDING RIDERS	2,064	97,596		3,658	101.2	435	11.9	100	3,758	11.6
42		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):										
43		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
44		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
45		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0		0	0.0
46		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(45)	(1.2)	0	0.0		(45)	0.0
47		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(45)	(1.2)	0	0.0		(45)	0.0
48		TOTAL RATE SC INCLUDING RIDERS	2,064	97,596		3,613	100.0	435	12.0	100	3,713	11.7

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
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B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(3)	CURRENT REVENUE LESS FUEL COST	% OF REV TO TOTAL LESS FUEL COST	REVENUE INCR LESS FUEL COST REV	% INCR IN REV LESS FUEL COST REV	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K+H)	TOTAL REVENUE % INCREASE (M / K1)
(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)	
			(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)	
1	SE	STREET LIGHTING -										
2		OVERHEAD EQUIVALENT RATE										
3		MERCURY VAPOR 7,000 LUMEN:										
4		TOWN & COUNTRY	6,816	484,504	7.29	49,689	26.2	5,930	11.9	498	50,187	11.8
5		HOLOPHANE	2,328	169,556	7.32	17,041	9.0	2,025	11.9	174	17,215	11.8
6		GAS REPLICA	696	50,692	7.32	5,095	2.7	605	11.9	52	5,147	11.8
7		ASPEN	132	9,614	7.32	966	0.5	115	11.9	10	976	11.8
8		METAL HALIDE 14,000 LUMEN:										
9		TRADITIONAIRE	3,144	223,486	7.29	22,920	12.1	2,735	11.9	230	23,150	11.8
10		GRANVILLE ACORN	0	0	7.32	0	0.0	0	0.0	0	0	0.0
11		GAS REPLICA	588	42,826	7.32	4,304	2.3	512	11.9	44	4,348	11.8
12		SODIUM VAPOR 9,500 LUMEN:										
13		TOWN & COUNTRY	3,192	129,542	7.95	25,376	13.4	3,001	11.8	133	25,509	11.8
15		HOLOPHANE	2,364	104,804	8.05	19,030	10.0	2,270	11.9	108	19,138	11.9
16		RECTILINEAR	972	39,447	7.95	7,727	4.1	914	11.8	41	7,768	11.8
17		GAS REPLICA	1,272	56,392	8.04	10,227	5.4	1,221	11.9	58	10,285	11.9
19		ASPEN	2,580	114,380	8.04	20,743	10.9	2,477	11.9	118	20,861	11.9
14		TRADITIONAIRE	0	0	7.95	0	0.0	0	0.0	0	0	0.0
18		GRANVILLE ACORN	156	6,916	8.04	1,254	0.7	150	12.0	7	1,261	11.9
20		SODIUM VAPOR:										
21		22,000 LUMEN (RECTILINEAR)	480	40,920	11.42	5,482	2.9	652	11.9	42	5,524	11.8
22		50,000 LUMEN (RECTILINEAR)	24	3,918	15.11	363	0.2	43	11.8	4	367	11.7
23		50,000 LUMEN (SETBACK)	0	0	15.11	0	0.0	0	0.0	0	0	0.0
24		TOTAL RATE SE EXCLUDING RIDERS	24,744	1,476,997		190,217	100.4	22,650	11.9	1,519	191,736	11.8
25		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):										
26		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0	0	0	0.0
27		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0	0	0	0.0
28		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0.0	0	0	0.0
29		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(674)	(0.4)	0	0.0	(674)	(674)	0.0
30		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(674)	(0.4)	0	0.0	(674)	(674)	0.0
31		TOTAL RATE SE INCLUDING RIDERS	24,744	1,476,997		189,543	100.0	22,650	11.9	1,519	191,062	11.9

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:   X   BASE PERIOD        FORECASTED PERIOD  
TYPE OF FILING:   X   ORIGINAL        UPDATED        REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected  
6 Months Actual Ending May 31, 2017

SCHEDULE M-2.3  
PAGE 1 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(¢/KWH)	(\$)	(%)	(\$)	(\$)
<u>RESIDENTIAL</u>									
1	RS	RESIDENTIAL SERV	1,525,197	1,453,752,034	10.3295	150,165,787	100.00	1,494,457	151,660,244
2	TOTAL RESIDENTIAL		1,525,197	1,453,752,034	10.3295	150,165,787	39.09	1,494,457	151,660,244
<u>DISTRIBUTION</u>									
3	DS	DISTRIBUTION SERV	157,022	1,115,844,489	9.2540	103,260,054	53.54	1,147,088	104,407,142
4	DT-PRI	TIME OF DAY	443	492,952,443	7.0609	34,807,039	18.05	506,755	35,313,794
5	DT-SEC	TIME OF DAY	1,786	683,434,130	7.6462	52,256,560	27.10	702,570	52,959,130
6	EH	ELEC SPACE HEATING	502	9,803,357	7.3627	721,787	0.37	10,078	731,865
7	SP	SPORTS SERV	184	269,849	12.0375	32,483	0.02	277	32,760
8	GSFL	SMALL FIXED LOADS	540	6,194,943	10.9133	676,074	0.35	6,368	682,442
9	DP	PRIMARY VOLTAGE	120	13,046,582	8.4432	1,101,548	0.57	13,412	1,114,960
10	TOTAL DISTRIBUTION		160,597	2,321,545,793	8.3072	192,855,545	50.22	2,386,548	195,242,093
<u>TRANSMISSION</u>									
11	TT	TIME OF DAY	156	213,269,428	6.4252	13,703,083	100.00	219,241	13,922,324
12	TOTAL TRANSMISSION		156	213,269,428	6.4252	13,703,083	3.57	219,241	13,922,324
<u>REAL TIME PRICING</u>									
13	DT-RTP PRI	REAL TIME PRICING	0	0	-	0	0.00	0	0
14	DT-RTP SEC	REAL TIME PRICING	24	4,131,069	4.2875	177,120	26.51	0	177,120
15	DS-RTP	REAL TIME PRICING	36	299,922	9.5025	28,500	4.27	0	28,500
16	TT-RTP	REAL TIME PRICING	24	12,915,280	3.5807	462,458	69.22	0	462,458
17	TOTAL REAL TIME PRICING		84	17,346,271	3.8514	668,078	0.17	0	668,078
<u>LIGHTING</u>									
18	SL	STREET LIGHTING	138,477	10,839,811	13.7978	1,495,655	71.72	11,143	1,506,798
19	TL	TRAFFIC LIGHTING	94,895	1,438,465	5.4562	78,486	3.76	1,479	79,965
20	UOLS	UNMTRD OUTDR LIGHT	85,492	5,454,321	4.1480	226,245	10.85	5,607	231,852
21									
22	NSU	NON STD STREET LIGHT	8,364	405,021	17.0221	68,943	3.31	416	69,359
23									
24	SC	CUST OWNED STREET LIGHTING	2,064	97,596	4.1477	4,048	0.19	100	4,148
25	SE	OVR HD EQUIV STREET LIGHTING	24,744	1,476,997	14.3665	212,193	10.17	1,519	213,712
26	TOTAL LIGHTING		354,036	19,712,211	10.5801	2,085,570	0.54	20,264	2,105,834
<u>OTHER MISC REVENUE</u>									
27	ID01	INTERDEPARTMENTAL	12	729,253	7.0400	51,324	0.21	750	52,074
28		PJM AND TRANSMISSION	0	0	-	3,984,486	16.17	0	3,984,486
29		BAD CHECK CHARGES	0	0	-	23,092	0.09	0	23,092
30		RECONNECTION CHGS	0	0	-	189,382	0.77	0	189,382
31		POLE AND LINE ATTACHMENTS	0	0	-	117,775	0.48	0	117,775
32		RENTS	0	0	-	930,344	3.78	0	930,344
33	WS	SPECIAL CONTRACTS	132	138,735	5.4600	7,570	0.03	143	7,713
34		OTHER MISC	0	0	-	19,330,403	78.47	0	19,330,403
35	TOTAL MISC REVENUE		144	867,988	2838.1000	24,634,376	6.41	893	24,635,269
36	TOTAL		2,040,214	4,026,493,725	9.5400	384,112,439	100.00	4,121,403	388,233,842

(1) DETAIL CONTAINED ON SCHEDULES M-2.3 PAGES 2 THROUGH 20.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  BASE PERIOD  FORECASTED PERIOD  
TYPE OF FILING:  ORIGINAL  UPDATED  REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected  
6 Months Actual Ending May 31, 2017

SCHEDULE M-2.3  
PAGE 2 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	RS	RESIDENTIAL							
2		CUSTOMER CHARGE:							
3		BILLS	1,525,197		\$11.22	17,112,710	11.4		17,112,710
4		ENERGY CHARGE (3):							
5		ALL KWH		1,453,752,034	0.083908	121,981,426	81.2		121,981,426
6		TOTAL RATE RS EXCLUDING RIDERS	1,525,197	1,453,752,034		139,094,136	92.6		139,094,136
7		RIDERS:							
8		HOME ENERGY ASSISTANCE (HEA)			\$0.10	152,520	0.1		152,520
9		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.007967	11,582,042	7.7		11,582,042
10		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
11		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
12		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028		0.0	1,494,457	1,494,457
13		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0		0
14		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(662,911)	(0.4)		(662,911)
15		TOTAL RIDERS				11,071,651	7.4	1,494,457	12,566,108
16		TOTAL RATE RS INCLUDING RIDERS	1,525,197	1,453,752,034		150,165,787	100.0	1,494,457	151,660,244

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
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6 Months Actual Ending May 31, 2017

SCHEDULE M-2.3  
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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(\$)
1	DS	SERVICE AT SECONDARY DISTRIBUTION VOLTAGE							
2									
3		CUSTOMER CHARGE:							
4		LOAD MANAGEMENT RIDER - NON-INTERVAL	1,798		\$5.00	8,990	0.0		8,990
5		LOAD MANAGEMENT RIDER - INTERVAL	12		\$5.00	60	0.0		60
6		SINGLE PHASE	84,521		\$17.14	1,448,690	1.4		1,448,690
7		THREE PHASE	72,501		\$34.28	2,485,334	2.4		2,485,334
8		TOTAL CUSTOMER CHARGE	157,022			3,943,074	3.8		3,943,074
9		DEMAND CHARGE:							
10		FIRST 15 KW		1,388,597	\$0.00	0	0.0		0
11		ADDITIONAL KW		2,491,897	\$8.73	21,754,262	21.1		21,754,262
12		TOTAL DEMAND		3,880,494		21,754,262	21.1		21,754,262
13		ENERGY CHARGE (3):							
14		FIRST 6000 KWH		366,515,604	0.091917	33,689,015	32.6		33,689,015
15		NEXT 300KWH/KW		627,126,263	0.056425	35,385,599	34.2		35,385,599
16		ADDITIONAL KWH		119,801,361	0.046204	5,535,302	5.4		5,535,302
17		NON-CHURCH "CAP" RATE		1,783,161	0.271528	484,178	0.5		484,178
18		CHURCH CAP RATE		618,100	0.166694	103,034	0.1		103,034
19		TOTAL ENERGY		1,115,844,489		75,197,128	72.8		75,197,128
20		TOTAL RATE DS EXCLUDING RIDERS	157,022	1,115,844,489		100,894,464	97.7		100,894,464
21		RIDERS:							
22		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	2,874,415	2.8		2,874,415
23		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
24		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			\$0.00	0	0.0		0
25		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			1,147,088	1,147,088
26		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0		0
27		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(508,825)	(0.5)		(508,825)
28		TOTAL RIDERS				2,365,590	2.3	1,147,088	3,512,678
29		TOTAL RATE DS INCLUDING RIDERS	157,022	1,115,844,489		103,260,054	100.0	1,147,088	104,407,142

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.



DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  BASE PERIOD  FORECASTED PERIOD  
TYPE OF FILING:  ORIGINAL  UPDATED  REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected  
6 Months Actual Ending May 31, 2017

SCHEDULE M-2.3  
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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(\$)
1	DT-PRI	TIME OF DAY PRIMARY							
2		SUMMER:							
3		CUSTOMER CHARGE:							
4		PRIMARY VOLTAGE	148		\$465.00	68,820	0.2		68,820
5		TOTAL CUSTOMER CHARGE	148			68,820	0.2		68,820
6		DEMAND CHARGE:							
7		ON PEAK KW		327,270	\$14.39	4,709,415	13.5		4,709,415
8		OFF PEAK KW		16,385	\$1.30	21,301	0.1		21,301
9		SUB-TOTAL		343,655		4,730,716	13.6		4,730,716
10		PRIMARY SERV. DIS.							
11		FIRST 1000 KW		130,343	(\$0.73)	(95,150)	(0.3)		(95,150)
12		ADDITIONAL KW		213,311	(\$0.56)	(119,454)	(0.3)		(119,454)
13		TOTAL DEMAND		343,654		4,516,112	13.0		4,516,112
14		ENERGY CHARGE (3):							
15		ON PEAK KWH		49,861,512	0.049875	2,486,843	7.1		2,486,843
16		OFF PEAK KWH		126,004,348	0.040844	5,146,522	14.8		5,146,522
17		TOTAL SUMMER	148	175,865,860		12,218,297	35.1		12,218,297
18		WINTER:							
19		CUSTOMER CHARGE:							
20		PRIMARY VOLTAGE	295		\$465.00	137,175	0.4		137,175
21		TOTAL CUSTOMER CHARGE	295			137,175	0.4		137,175
22		DEMAND CHARGE:							
23		ON PEAK KW		603,476	\$13.62	8,219,324	23.6		8,219,324
24		OFF PEAK KW		41,090	\$1.30	53,417	0.2		53,417
25		SUB-TOTAL		644,564		8,272,741	23.8		8,272,741
26		PRIMARY SERV. DIS.							
27		FIRST 1000 KW		266,634	(\$0.73)	(194,643)	(0.6)		(194,643)
28		ADDITIONAL KW		377,931	(\$0.56)	(211,641)	(0.6)		(211,641)
29		TOTAL DEMAND		644,564		7,866,457	22.6		7,866,457
30		ENERGY CHARGE (3):							
31		ON PEAK KWH		87,022,244	0.047612	4,143,303	11.9		4,143,303
32		OFF PEAK KWH		230,064,339	0.040844	9,396,748	27.0		9,396,748
33		TOTAL WINTER	295	317,086,583		21,543,683	61.9		21,543,683
34		TOTAL RATE DT PRIMARY EXCLUDING RIDERS	443	492,952,443		33,761,980	97.0		33,761,980
35		RIDERS:							
36		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	1,269,845	3.6		1,269,845
37		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
38		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0		0
39		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			506,755	506,755
40		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0		0
41		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(224,786)	(0.6)		(224,786)
42		TOTAL RIDERS				1,045,059	3.0	506,755	1,551,814
43		TOTAL RATE DT PRIMARY INCLUDING RIDERS	443	492,952,443		34,807,039	100.0	506,755	35,313,794

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
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FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

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6 Months Actual Ending May 31, 2017

SCHEDULE M-2.3  
PAGE 5 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWKWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(\$)
1	DT-SEC	TIME OF DAY SECONDARY							
2		SUMMER:							
3		CUSTOMER CHARGE:							
4		SINGLE PHASE	0		\$200.00	0	0.0		0
5		THREE PHASE	595		\$400.00	238,000	0.5		238,000
6		TOTAL CUSTOMER CHARGE	595			238,000	0.5		238,000
7		DEMAND CHARGE:							
8		ON PEAK KW		522,436	\$14.39	7,517,854	14.4		7,517,854
9		OFF PEAK KW		12,081	\$1.30	15,705	0.0		15,705
10		TOTAL DEMAND		534,517		7,533,559	14.4		7,533,559
11		ENERGY CHARGE (3):							
12		ON PEAK KWH		76,814,079	0.049875	3,831,102	7.3		3,831,102
13		OFF PEAK KWH		168,266,676	0.040844	6,872,684	13.2		6,872,684
14		TOTAL SUMMER	595	245,080,755		18,475,345	35.4		18,475,345
15		WINTER:							
16		CUSTOMER CHARGE:							
17		SINGLE PHASE	0		\$200.00	0	0.0		0
18		THREE PHASE	1,191		\$400.00	476,400	0.9		476,400
19		TOTAL CUSTOMER CHARGE	1,191			476,400	0.9		476,400
20		DEMAND CHARGE:							
21		ON PEAK KW		956,046	\$13.62	13,021,340	24.8		13,021,340
22		OFF PEAK KW		22,660	\$1.30	29,458	0.1		29,458
23		TOTAL DEMAND		978,706		13,050,798	24.9		13,050,798
24		ENERGY CHARGE (3):							
25		ON PEAK KWH		133,131,149	0.047612	6,338,640	12.1		6,338,640
26		OFF PEAK KWH		305,222,226	0.040844	12,466,497	23.9		12,466,497
27		TOTAL WINTER	1,191	438,353,375		32,332,335	61.8		32,332,335
28		TOTAL RATE DT SECONDARY EXCLUDING RIDERS	1,786	683,434,130		50,807,680	97.2		50,807,680
29		RIDERS:							
30		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	1,760,526	3.4		1,760,526
31		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
32		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0		0
33		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			702,570	702,570
34		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0		0
35		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(311,646)	(0.6)		(311,646)
36		TOTAL RIDERS				1,448,880	2.8	702,570	2,151,450
37		TOTAL RATE DT SECONDARY INCLUDING RIDERS	1,786	683,434,130		52,256,560	100.0	702,570	52,959,130

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FORECASTED PERIOD  
TYPE OF FILING:  X  ORIGINAL   UPDATED   REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected  
6 Months Actual Ending May 31, 2017

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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KW/KWH)	(\$/KWH) (\$/KW)	(\$)	(%)	(\$)	(\$)
1	EH	OPTIONAL RATE FOR							
2		ELEC. SPACE HEATING							
3		CUSTOMER CHARGE:							
4		SINGLE PHASE	112		\$17.14	1,920	0.3		1,920
5		THREE PHASE	390		\$34.28	13,369	1.8		13,369
6		PRIMARY VOLTAGE	0		\$118.78	0	0.0		0
7		TOTAL CUSTOMER CHARGE	502			15,289	2.1		15,289
8		DEMAND CHARGE:							
9		ALL KW		38,467	\$0.00	0	0.0		0
10		ENERGY CHARGE (3):							
11		ALL KWH		9,803,357	0.069947	685,715	95.0		685,715
12		TOTAL RATE EH EXCLUDING RIDERS	502	9,803,357		701,004	97.1		701,004
13		RIDERS:							
14		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	25,253	3.5		25,253
15		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
16		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
17		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028		0.0	10,078	10,078
18		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0		0
19		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(4,470)	(0.6)		(4,470)
20		TOTAL RIDERS				20,783	2.9	10,078	30,861
21		TOTAL RATE EH INCLUDING RIDERS	502	9,803,357		721,787	100.0	10,078	731,865

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

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WORK PAPER REFERENCE NO(S):  
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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	SP	SEASONAL SPORTS SERVICE							
2		MINIMUM BILLS (4)	0			0	0.0		0
3		CUSTOMER CHARGE	184		\$17.14	3,154	9.7		3,154
4		ENERGY CHARGE (3):							
5		ALL CONSUMPTION		269,849	0.106568	28,757	88.5		28,757
6		TOTAL RATE SP EXCLUDING RIDERS	184	269,849		31,911	98.2		31,911
7		RIDERS:							
8		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	695	2.2		695
9		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
10		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
11		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			277	277
12		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0		0
13		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(123)	(0.4)		(123)
14		TOTAL RIDERS				572	1.8	277	849
15		TOTAL RATE SP INCLUDING RIDERS	184	269,849		32,483	100.0	277	32,760
16	GS-FL	SMALL FIXED LOADS							
17		MINIMUM BILLS	540		\$3.14	1,696	0.3		1,696
18		BASE RATE (3):							
19		LOAD RANGE 540 TO 720 HRS		12,111	0.092698	1,123	0.2		1,123
20		LOAD RANGE LESS THAN 540 HRS		6,182,832	0.106767	660,122	97.6		660,122
21		TOTAL RATE GS-FL EXCLUDING RIDERS	540	6,194,943		662,941	98.1		662,941
22		RIDERS:							
23		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	15,958	2.3		15,958
24		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
25		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
26		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			6,368	6,368
27		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0		0
28		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(2,825)	(0.4)		(2,825)
29		TOTAL RIDERS				13,133	1.9	6,368	19,501
30		TOTAL RATE GS-FL INCLUDING RIDERS	540	6,194,943		676,074	100.0	8,368	682,442

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(4) 1.5% OF INSTALLED TRANSFORMER AND METERING COSTS BUT NOT LESS THAN CUSTOMER CHARGE WHETHER SERVICE IS ON OR DISCONNECTED.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

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WORK PAPER REFERENCE NO(S):  
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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWKWH)	(\$/KWH) (\$/KW)	(\$)	(%)	(\$)	(\$)
1	DP	SERVICE AT PRIMARY							
2		DISTRIBUTION VOLTAGE							
3		CUSTOMER CHARGE:							
4		LOAD MANAGEMENT RIDER	24		\$5.00	120	0.0		120
5		PRIMARY VOLTAGE	120		\$118.78	14,254	1.3		14,254
6		TOTAL CUSTOMER CHARGE	120			14,374	1.3		14,374
7		DEMAND CHARGE:							
8		ALL KW		34,707	\$8.40	291,542	26.5		291,542
9		TOTAL DEMAND		34,707		291,542	26.5		291,542
10		ENERGY CHARGE (3):							
11		FIRST 300KWH/KW		10,097,570	0.060595	611,862	55.6		611,862
12		ADDITIONAL KWH		2,928,055	0.051267	150,113	13.6		150,113
13		CAP RATE KWH		20,957	0.286198	5,998	0.5		5,998
14		TOTAL ENERGY		13,046,582		767,973	69.7		767,973
15		TOTAL RATE DP EXCLUDING RIDERS	120	13,046,582		1,073,889	97.5		1,073,889
16		RIDERS:							
17		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	33,608	3.0		33,608
18		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
19		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0		0
20		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			13,412	13,412
21		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0		0
22		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(5,949)	(0.5)		(5,949)
23		TOTAL RIDERS				27,659	2.5	13,412	41,071
24		TOTAL RATE DP INCLUDING RIDERS	120	13,046,582		1,101,548	100.0	13,412	1,114,960

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(\$)
1	TT	TIME OF DAY							
2		SUMMER:							
3		CUSTOMER CHARGE	52		\$500.00	26,000	0.2		26,000
4		DEMAND CHARGE:							
5		ON PEAK KW		158,600	\$8.46	1,341,756	9.8		1,341,756
6		OFF PEAK KW		6,575	\$1.28	8,416	0.1		8,416
7		TOTAL DEMAND		165,175		1,350,172	9.9		1,350,172
8		ENERGY CHARGE (3):							
9		ON PEAK KWH		25,151,023	0.054454	1,369,574	10.0		1,369,574
10		OFF PEAK KWH		45,316,087	0.044594	2,020,826	14.7		2,020,826
11		TOTAL ENERGY		70,467,110		3,390,400	24.7		3,390,400
12		TOTAL SUMMER	52	70,467,110		4,766,572	34.8		4,766,572
13		WINTER:							
14		CUSTOMER CHARGE	104		\$500.00	52,000	0.4		52,000
15		DEMAND CHARGE:							
16		ON PEAK KW		315,419	\$6.95	2,192,161	16.0		2,192,161
17		OFF PEAK KW		11,328	\$1.28	14,499	0.1		14,499
18		TOTAL DEMAND		326,747		2,206,660	16.1		2,206,660
19		ENERGY CHARGE (3):							
20		ON PEAK KWH		49,796,666	0.051983	2,588,580	18.9		2,588,580
21		OFF PEAK KWH		93,005,652	0.044594	4,147,494	30.2		4,147,494
22		TOTAL ENERGY		142,802,318		6,736,074	49.1		6,736,074
23		TOTAL WINTER	104	142,802,318		8,994,734	65.6		8,994,734
24		TOTAL RATE TT EXCLUDING RIDERS	156	213,269,428		13,761,306	100.4		13,761,306
25		RIDERS:							
26		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.000183	39,028	0.3		39,028
27		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
28		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			219,241	219,241
29		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0		0
30		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(97,251)	(0.7)		(97,251)
31		TOTAL RIDERS				(58,223)	(0.4)	219,241	161,018
32		TOTAL RATE TT INCLUDING RIDERS	156	213,269,428		13,703,083	100.0	219,241	13,922,324

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

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SCHEDULE M-2.3  
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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	DT RTP	TIME OF DAY SERVICE AT SECONDARY DISTRIBUTION VOLTAGE							
2									
3	CUSTOMER CHARGE:								
4	BILLS (Real-Time Pricing)		24		\$183.00	4,392	2.5		4,392
5	TOTAL CUSTOMER CHARGE					4,392	2.5		4,392
6	ENERGY CHARGE:								
7	ALL KWH			4,131,069	0.015412	63,668	35.9		63,668
8	ANCILLARY SERVICES			4,131,069	0.000000	0	0.0		0
9	COMMODITY CHARGES			4,131,069	0.024280	100,302	56.7	0	100,302
10	TOTAL ENERGY			4,131,069		163,970	92.6	0	163,970
11	TOTAL RATE DT RTP SECONDARY EXCLUDING RIDERS		24	4,131,069		168,362	95.1	0	168,362
12	RIDERS:								
13	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.002576	10,642	6.0		10,642
14	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0		0
15	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0	0.00	0	0.0		0
16	FERC TRANSMISSION COST RECOVERY RIDER (FTR)				0.000000	0	0.0		0
17	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(1,884)	(1.1)		(1,884)
18	TOTAL RIDERS					8,758	4.9	0	8,758
19	TOTAL RATE DT RTP SECONDARY INCLUDING RIDERS		24	4,131,069		177,120	100.0	0	177,120

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
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(ELECTRIC SERVICE)

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SCHEDULE M-2.3  
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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	DS RTP	SERVICE AT SECONDARY							
2		DISTRIBUTION VOLTAGE							
3	CUSTOMER CHARGE:								
4	BILLS (Real-Time Pricing)		36		\$183.00	6,588	23.1		6,588
5	TOTAL CUSTOMER CHARGE					6,588	23.1		6,588
6	ENERGY CHARGE:								
7	ALL KWH			299,922	0.015412	4,622	16.2		4,622
8	ANCILLARY SERVICES			299,922	0.000000	0	0.0		0
9	COMMODITY CHARGES			299,922	0.055529	16,654	58.5	0	16,654
10	TOTAL ENERGY			299,922		21,276	74.7	0	21,276
11	TOTAL RATE DS RTP EXCLUDING RIDERS		36	299,922		27,864	97.8	0	27,864
12	RIDERS:								
13	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.002576	773	2.7		773
14	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0		0
15	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)				0.00	0	0.0		0
16	FERC TRANSMISSION COST RECOVERY RIDER (FTR)				0.000000	0	0.0		0
17	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(137)	(0.5)		(137)
18	TOTAL RIDERS					636	2.2	0	636
19	TOTAL RATE DS RTP INCLUDING RIDERS		36	299,922		28,500	100.0	0	28,500

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.



DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
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B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	TT RTP	TIME OF DAY SERVICE AT							
2		TRANSMISSION VOLTAGE							
3	CUSTOMER CHARGE:								
4	BILLS (Real-Time Pricing)		24		\$183.00	4,392	0.9		4,392
5	TOTAL CUSTOMER CHARGE					4,392	0.9		4,392
6	ENERGY CHARGE:								
7	ALL KWH			12,915,280	0.006472	83,588	18.1		83,588
8	ANCILLARY SERVICES			12,915,280	0.000000	0	0.0		0
9	COMMODITY CHARGES			12,915,280	0.029268	378,004	81.8	0	378,004
10	TOTAL ENERGY			12,915,280		461,592	99.9	0	461,592
11	TOTAL RATE TT RTP EXCLUDING RIDERS		24	12,915,280		465,984	100.8	0	465,984
12	RIDERS:								
13	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.000183	2,363	0.5		2,363
14	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0		0
15	FERC TRANSMISSION COST RECOVERY RIDER (FTR)				0.000000	0	0.0		0
16	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(5,889)	(1.3)		(5,889)
17	TOTAL RIDERS					(3,526)	(0.8)		(3,526)
18	TOTAL RATE TT RTP INCLUDING RIDERS		24	12,915,280		462,458	100.0	0	462,458

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FORECASTED PERIOD  
TYPE OF FILING:  X  ORIGINAL   UPDATED   REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected

SCHEDULE M-2.3  
PAGE 13 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES (KWH)	PROPOSED RATES(1A) (\$/UNIT)	PROPOSED REVENUE LESS FUEL COST REVENUE (\$)	% OF REV TO TOTAL LESS FUEL COST REVENUE (%)	FUEL COST REVENUE (2) (\$)	PROPOSED TOTAL REVENUE (F + H) (\$)
1	SL	STREET LIGHTING -- CO OWNED & MAINTAINED							
2	OVERHEAD DISTRIBUTION:								
3	MERCURY VAPOR :								
4	7,000 LUMEN		67,685	4,529,255	7.96	538,773	36.0	4,656	543,429
5	7,000 LUMEN (OPEN)		61	4,336	6.65	406	0.0	4	410
6	7,000 LUMEN (4)		36	2,409	12.82	462	0.0	2	464
7	7,000 LUMEN (5)		560	37,473	12.88	7,213	0.5	39	7,252
8	7,000 LUMEN (6)		119	7,963	13.86	1,649	0.1	8	1,657
9	7,000 LUMEN (8A)		132	8,833	15.80	2,066	0.1	9	2,095
10	10,000 LUMEN		2,199	209,638	9.19	20,209	1.4	216	20,425
11	10,000 LUMEN (5)		7	667	14.11	99	0.0	2	101
12	21,000 LUMEN		9,600	1,431,200	12.30	118,080	7.9	1,471	119,551
13	21,000 LUMEN (5)		132	19,679	17.22	2,273	0.2	20	2,293
14	21,000 LUMEN (6)		132	19,679	18.20	2,402	0.2	20	2,422
15	METAL HALIDE:								
16	14,000 LUMEN		336	22,484	7.96	2,675	0.2	23	2,698
17	14,000 LUMEN (5)		48	3,212	12.88	618	0.0	3	621
18	14,000 LUMEN (6)		91	6,089	13.86	1,261	0.1	6	1,267
19	14,000 LUMEN (10)		12	803	12.88	155	0.0	1	156
20	20,500 LUMEN		168	16,016	9.19	1,544	0.1	16	1,560
21	20,500 LUMEN (6)		24	2,288	15.09	362	0.0	2	364
22	36,000 LUMEN		0	0	12.30	0	0.0	0	0
23	SODIUM VAPOR:								
24	9,500 LUMEN		19,202	779,281	8.81	169,170	11.3	801	169,971
25	9,500 LUMEN (OPEN)		120	4,870	6.61	793	0.1	5	798
26	9,500 LUMEN (4)		48	1,948	13.67	656	0.0	2	658
27	9,500 LUMEN (5)		685	27,800	13.73	9,405	0.6	29	9,434
28	9,500 LUMEN (6)		685	27,800	14.71	10,076	0.7	29	10,105
29	16,000 LUMEN		372	22,041	9.60	3,571	0.2	23	3,594
30	16,000 LUMEN (5)		12	711	14.52	174	0.0	1	175
31	16,000 LUMEN (6)		108	6,399	15.50	1,674	0.1	7	1,681
32	22,000 LUMEN		5,435	429,365	12.45	67,666	4.5	441	68,107
33	22,000 LUMEN (4)		36	2,844	17.31	623	0.0	3	626
34	22,000 LUMEN (5)		219	17,301	17.37	3,804	0.3	18	3,822
35	22,000 LUMEN (6)		72	5,688	18.35	1,321	0.1	6	1,327
36	22,000 LUMEN (8)		12	948	20.21	243	0.0	1	244
37	27,500 LUMEN		96	7,584	12.45	1,195	0.1	8	1,203
38	27,500 LUMEN (6)		12	948	18.35	220	0.0	1	221
39	50,000 LUMEN		10,369	1,692,739	16.73	173,473	11.6	1,740	175,213
40	50,000 LUMEN (5)		312	50,934	21.65	6,755	0.5	52	6,807
41	50,000 LUMEN (6)		619	101,052	22.63	14,008	0.9	104	14,112

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) WITH 17' WOOD LAMINATED POLE.

(4) WITH 30' WOOD POLE.

(5) WITH 35' WOOD POLE.

(6) WITH 40' WOOD POLE.

(7) WITH 12' ALUM POLE.

(8) WITH 28' ALUM POLE.

(8A) WITH 28' ALUM POLE HEAVY GAUGE.

(9) WITH 30' ALUM POLE.

(10) WITH 17' FIBERGLASS POLE.

(11) WITH 12' FIBERGLASS POLE.

(12) WITH 30' FIBERGLASS POLE.

(13) WITH 35' FIBERGLASS POLE.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD      FORECASTED PERIOD  
TYPE OF FILING:  X  ORIGINAL      UPDATED      REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected

SCHEDULE M-2.3  
PAGE 14 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KWH)	PROPOSED RATES(1A) (E) (\$/UNIT)	PROPOSED REVENUE LESS FUEL COST REVENUE (F) (\$)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G) (%)	FUEL COST REVENUE (2) (H) (\$)	PROPOSED TOTAL REVENUE (F + H) (I) (\$)
42	SL	STREET LIGHTING -- CO OWNED & MAINTAINED (CONT'D.)							
43		OVERHEAD DISTRIBUTION (CONT'D.):							
44		DECORATIVE SODIUM VAPOR:							
45		9,500 LUMEN RECTILINEAR	0	0	10.94	0	0.0	0	0
46		22,000 LUMEN RECTILINEAR	12	1,023	13.53	162	0.0	1	163
47		50,000 LUMEN RECTILINEAR	132	21,549	17.90	2,363	0.2	22	2,385
48		50,000 LUMEN RECTILINEAR (5)	180	29,385	22.82	4,108	0.3	30	4,138
49		50,000 LUMEN RECTILINEAR (6)	0	0	23.80	0	0.0	0	0
50		50,000 LUMEN SETBACK	216	35,262	26.62	5,750	0.4	36	5,786
51		50,000 LUMEN SETBACK (6)	36	5,877	32.52	1,171	0.1	6	1,177
52		TOTAL OVERHEAD	120,332	9,595,373		1,178,648	78.8	9,864	1,188,512
53		UNDERGROUND DISTRIBUTION:							
54		MERCURY VAPOR:							
55		7,000 LUMEN	60	4,370	8.10	486	0.0	4	490
56		7,000 LUMEN (OPEN)	0	0	6.65	0	0.0	0	0
57		7,000 LUMEN (4)	600	43,700	12.98	7,776	0.5	45	7,821
58		7,000 LUMEN (5)	12	874	13.02	156	0.0	1	157
59		7,000 LUMEN (8)	360	26,220	15.86	5,710	0.4	27	5,737
60		10,000 LUMEN	0	0	9.35	0	0.0	0	0
61		10,000 LUMEN (4)	84	8,605	14.21	1,184	0.1	9	1,203
62		10,000 LUMEN (8)	155	15,795	17.11	2,689	0.2	16	2,685
63		21,000 LUMEN	96	15,312	12.59	1,209	0.1	16	1,225
64		21,000 LUMEN (8)	132	21,054	20.35	2,666	0.2	22	2,708
65		METAL HALIDE:							
66		14,000 LUMEN	0	0	8.10	0	0.0	0	0
67		20,500 LUMEN	0	0	9.35	0	0.0	0	0
68		36,000 LUMEN	0	0	12.59	0	0.0	0	0
69		SODIUM VAPOR:							
70		9,500 LUMEN	0	0	8.81	0	0.0	0	0
71		9,500 LUMEN (6)	24	974	14.71	353	0.0	1	354
72		9,500 LUMEN (8)	588	23,863	16.57	9,743	0.7	25	9,768
73		9,500 LUMEN (10)	24	974	13.73	330	0.0	1	331
74		9,500 LUMEN (13)	12	487	18.43	221	0.0	1	222
75		9,500 LUMEN (OPEN)	0	0	6.70	0	0.0	0	0
76		16,000 LUMEN	0	0	9.57	0	0.0	0	0
77		16,000 LUMEN (6)	25	1,481	15.47	387	0.0	2	389
78		22,000 LUMEN	228	18,012	12.45	2,839	0.2	19	2,856
79		22,000 LUMEN (5)	60	4,740	17.37	1,042	0.1	5	1,047
80		22,000 LUMEN (8)	528	41,712	20.21	10,671	0.7	43	10,714
81		22,000 LUMEN (8A)	48	3,792	20.29	974	0.1	4	978
82		27,500 LUMEN	0	0	12.45	0	0.0	0	0
83		27,500 LUMEN (9)	252	19,908	27.98	7,046	0.5	20	7,066
84		50,000 LUMEN	336	54,852	16.73	5,621	0.4	36	5,677
85		50,000 LUMEN (8)	72	11,754	24.49	1,763	0.1	12	1,775
86		50,000 LUMEN (9)	132	21,549	32.24	4,256	0.3	22	4,278
87		DECORATIVE MERCURY VAPOR:							
88		7,000 LUMEN TOWN & COUNTRY	0	0	8.37	0	0.0	0	0
89		7,000 LUMEN TOWN & COUNTRY (3)	216	15,354	13.29	2,871	0.2	16	2,887
90		7,000 LUMEN TOWN & COUNTRY (10)	5,888	418,539	13.29	78,252	5.1	430	78,682
91		7,000 LUMEN HOLOPHANE	24	1,748	10.52	252	0.0	2	254
92		7,000 LUMEN HOLOPHANE (10)	1,909	139,039	15.44	29,475	2.0	143	29,618
93		7,000 LUMEN GAS REPLICA (7)	96	6,992	37.43	3,593	0.2	7	3,600
94		7,000 LUMEN GRANVILLE	0	0	8.46	0	0.0	0	0
95		7,000 LUMEN GRANVILLE (7)	0	0	21.85	0	0.0	0	0
96		7,000 LUMEN ASPEN	24	1,748	15.23	366	0.0	2	368

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) WITH 17' WOOD LAMINATED POLE.

(4) WITH 30' WOOD POLE.

(5) WITH 35' WOOD POLE.

(6) WITH 40' WOOD POLE.

(7) WITH 12' ALUM POLE.

(8) WITH 28' ALUM POLE.

(8A) WITH 28' ALUM POLE HEAVY GAUGE.

(9) WITH 30' ALUM POLE.

(10) WITH 17' FIBERGLASS POLE.

(11) WITH 12' FIBERGLASS POLE.

(12) WITH 30' FIBERGLASS POLE.

(13) WITH 35' FIBERGLASS POLE.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  X BASE PERIOD  FORECASTED PERIOD  
TYPE OF FILING:  ORIGINAL  UPDATED  REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected

SCHEDULE M-2.3  
PAGE 15 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES (D)	PROPOSED RATES(1A)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2)	PROPOSED TOTAL REVENUE (F + H)
	(A)	(B)	(C)	(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(\$)
97	SL	STREET LIGHTING - CO OWNED & MAINTAINED (CONT'D.)							
98		UNDERGROUND DISTRIBUTION (CONT'D.):							
99		DECORATIVE METAL HALIDE:							
100		14,000 LUMEN TRADITIONAIRE	0	0	8.37	0	0.0	0	0
101		14,000 LUMEN TRADITIONAIRE (7)	60	4,265	21.76	1,306	0.1	4	1,310
102		14,000 LUMEN TRADITIONAIRE (10)	468	33,267	13.29	6,220	0.4	34	6,254
103		14,000 LUMEN GRANVILLE	0	0	15.23	0	0.0	0	0
104		14,000 LUMEN GRANVILLE (11)	0	0	29.63	0	0.0	0	0
105		14,000 LUMEN GAS REPLICA	0	0	24.13	0	0.0	0	0
106		14,500 LUMEN GAS REPLICA	0	0	24.13	0	0.0	0	0
107		14,500 LUMEN GAS REPLICA (7)	240	17,480	37.52	9,005	0.6	18	9,023
108		14,500 LUMEN GAS REPLICA (10)	60	4,370	29.05	1,743	0.1	4	1,747
109		DECORATIVE SODIUM VAPOR:							
110		9,500 LUMEN TOWN & COUNTRY	98	3,977	12.23	1,199	0.1	4	1,203
111		9,500 LUMEN TOWN & COUNTRY (10)	1896	76,946	17.15	32,516	2.2	79	32,595
112		9,500 LUMEN HOLOPHANE	576	25,536	13.25	7,632	0.5	26	7,658
113		9,500 LUMEN HOLOPHANE (10)	312	13,832	18.17	5,669	0.4	14	5,683
114		9,500 LUMEN GAS REPLICA (7)	132	5,852	38.30	5,056	0.3	6	5,062
115		9,500 LUMEN GAS REPLICA (10)	12	532	29.83	358	0.0	1	359
116		9,500 LUMEN GAS REPLICA (11)	312	13,832	39.31	12,265	0.8	14	12,279
117		9,500 LUMEN ASPEN (7)	888	39,368	15.43	13,702	0.9	40	13,742
118		9,500 LUMEN TRADITIONAIRE	0	0	12.23	0	0.0	0	0
119		9,500 LUMEN TRADITIONAIRE (10)	696	28,246	17.15	11,936	0.8	29	11,965
120		9,500 LUMEN GRANVILLE	0	0	15.43	0	0.0	0	0
121		9,500 LUMEN GRANVILLE (7)	0	0	28.82	0	0.0	0	0
122		9,500 LUMEN GRANVILLE (10)	0	0	20.35	0	0.0	0	0
123		9,500 LUMEN GRANVILLE (11)	0	0	29.83	0	0.0	0	0
124		22,000 LUMEN RECTILINEAR	0	0	13.59	0	0.0	0	0
125		22,000 LUMEN RECTILINEAR (12)	169	14,407	22.97	3,882	0.3	15	3,897
126		50,000 LUMEN RECTILINEAR	0	0	17.97	0	0.0	0	0
127		50,000 LUMEN RECTILINEAR (12)	36	5,877	27.35	985	0.1	6	991
128		50,000 LUMEN RECTILINEAR (13)	204	33,303	27.59	5,628	0.4	34	5,662
129		50,000 LUMEN SETBACK	0	0	26.62	0	0.0	0	0
130		TOTAL UNDERGROUND	18,145	1,244,438		301,043	20.1	1,279	302,322
131		RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH):							
132		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0
133		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0
134		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0
135		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(4,943)	(0.3)		(4,943)
136		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(4,943)	(0.3)		(4,943)
137		ADD'L FACILITIES CHARGE:							
138		OVERHEAD		5,647	0.58	3,275	0.2		3,275
139		UNDERGROUND		20,991	0.84	17,632	1.2		17,632
140		TOTAL ADD'L FACILITIES CHG		26,638		20,907	1.4	0	20,907
141		TOTAL RATE SL INCLUDING RIDERS	138,477	10,839,811		1,495,655	100.0	11,143	1,506,798

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023337 PER KWH.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) WITH 17' WOOD LAMINATED POLE.  
(4) WITH 30' WOOD POLE.

(5) WITH 35' WOOD POLE.  
(6) WITH 40' WOOD POLE.  
(7) WITH 12' ALUM POLE.  
(8) WITH 28' ALUM POLE.  
(8A) WITH 28' ALUM POLE HEAVY GAUGE.

(9) WITH 30' ALUM POLE.  
(10) WITH 17' FIBERGLASS POLE.  
(11) WITH 12' FIBERGLASS POLE.  
(12) WITH 30' FIBERGLASS POLE.  
(13) WITH 35' FIBERGLASS POLE.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FORECASTED PERIOD  
TYPE OF FILING:  X  ORIGINAL   UPDATED   REVISED  
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6 Months Actual and 6 Months Projected

SCHEDULE M-2.3  
PAGE 16 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KWH)	PROPOSED RATES (E) (\$/KWH)	PROPOSED REVENUE LESS FUEL COST REVENUE (F) (\$)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G) (%)	FUEL COST REVENUE (2) (H) (\$)	PROPOSED TOTAL REVENUE (F + H) (I) (\$)
1	TL	TRAFFIC LIGHTING SERVICE							
2									
3		(A) WHERE COMPANY							
4		SUPPLIES ENERGY ONLY (3):							
5		ALL CONSUMPTION	76,019	680,382	0.042590	28,977	36.9	700	29,677
6		(B) WHERE COMPANY							
7		SUPPLIES ENERGY FROM A							
8		SEPARATELY METERED SOURCE							
9		AND PROVIDES LIMITED							
10		MAINTENANCE:							
11		ALL CONSUMPTION	0	0	0.023583	0	0.0	0	0
12		(C) WHERE COMPANY							
13		SUPPLIES ENERGY AND							
14		PROVIDES LIMITED							
15		MAINTENANCE (3):							
16		ALL CONSUMPTION	18,876	758,083	0.066174	50,165	63.9	779	50,944
17		TOTAL RATE TL EXCLUDING RIDERS	94,895	1,438,465		79,142	100.8	1,479	80,621
18		RIDERS NOT INCLUDED IN RATES ABOVE:							
19		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
20		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
21		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0		0
22		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(656)	(0.8)		(656)
23		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(656)	(0.8)		(656)
24		TOTAL RATE TL INCLUDING RIDERS	94,895	1,438,465		78,486	100.0	1,479	79,965

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.000000 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  BASE PERIOD  FORECASTED PERIOD  
TYPE OF FILING:  ORIGINAL  UPDATED  REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected

SCHEDULE M-2.3  
PAGE 17 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES(3)	PROPOSED REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	FUEL COST REVENUE (2)	PROPOSED TOTAL REVENUE (F + H)
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1		UOLS UNMETERED OUTDOOR LIGHTING SERV							
2		BASE RATE	85,492	5,454,321	0.041936	228,732	101.1	5,607	234,339
3		RIDERS NOT INCLUDED IN RATES ABOVE:							
4		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
5		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
6		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0		0
7		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(2,487)	(1.1)		(2,487)
8		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(2,487)	(1.1)		(2,487)
9		TOTAL RATE UOLS INCLUDING RIDERS	85,492	5,454,321		226,245	101.1	5,607	231,852

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  BASE PERIOD  FORECASTED PERIOD  
TYPE OF FILING:  ORIGINAL  UPDATED  REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected

SCHEDULE M-2.3  
PAGE 18 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES(3) (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(\$)
1	NSU	NON STANDARD STREET LIGHT UNITS							
2	(A)	COMPANY OWNED							
3	(1)	BOULEVARD INCANDESCENT(UG):							
4	2,500	LUMEN SERIES	0	0	10.32	0	0.0	0	0
5	2,500	LUMEN MULTIPLE	144	9,432	8.01	1,153	1.7	10	1,163
6	(2)	HOLOPHANE DECORATIVE:							
7	10,000	LUMEN MV W							
8	17'	FIBERGLASS POLE	372	37,665	18.79	6,990	10.1	39	7,029
9	(3)	STREET LGT UNITS (OH)							
10	2,500	LUMEN INCANDESCENT	372	24,366	7.94	2,954	4.3	25	2,979
11	2,500	LUMEN MERCURY VAPOR	7,008	264,552	7.52	52,700	76.4	272	52,972
12	21,000	LUMEN MERCURY VAPOR	408	65,076	11.93	4,867	7.1	66	4,933
13	TOTAL	COMPANY OWNED	8,304	401,091		68,664	99.6	412	69,076
14	(B)	CUSTOMER OWNED WITH LTD MAINT							
15	(1)	BOULEVARD INCANDESCENT(UG):							
16	2,500	LUMEN SERIES	0	0	6.09	0	0.0	0	0
17	2,500	LUMEN MULTIPLE	60	3,930	7.74	464	0.7	4	468
18	TOTAL	CUSTOMER OWNED	60	3,930		464	0.7	4	468
19	TOTAL RATE NSU	EXCLUDING RIDERS	8,364	405,021		69,128	100.3	416	69,544
20	RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):								
21	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0	0	0
22	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)				0.000000	0	0.0	0	0
23	FERC TRANSMISSION COST RECOVERY RIDER (FTR)				0.000000	0	0.0	0	0
24	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(185)	(0.3)	(185)	(185)
25	TOTAL RIDERS NOT INCLUDED IN RATES ABOVE					(185)	(0.3)	(185)	(185)
26	TOTAL RATE NSU INCLUDING RIDERS		8,364	405,021		68,943	100.0	416	69,359

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.000000 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:    X    BASE PERIOD    FORECASTED PERIOD  
TYPE OF FILING:    X    ORIGINAL    UPDATED    REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected

SCHEDULE M-2.3  
PAGE 19 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KWH)	PROPOSED RATES(3) (E) (\$/UNIT) / (\$/KWH)	PROPOSED REVENUE LESS FUEL COST REVENUE (F) (\$)	% OF REV TO FUEL COST REVENUE (G) (%)	FUEL COST REVENUE (2) (H) (\$)	PROPOSED TOTAL REVENUE (F + H) (I) (\$)
1	SC	STREET LIGHTING -							
2		CUST OWNED/LTD MAINT							
3		STANDARD UNIT-COBRAHEAD							
4		MERCURY VAPOR --							
5		7,000 LUMEN	0	0	4.69	0	0.0	0	0
6		10,000 LUMEN	0	0	5.96	0	0.0	0	0
7		21,000 LUMEN	0	0	8.28	0	0.0	0	0
8		METAL HALIDE --							
9		14,000 LUMEN	0	0	4.69	0	0.0	0	0
10		20,500 LUMEN	0	0	5.96	0	0.0	0	0
11		36,000 LUMEN	0	0	8.28	0	0.0	0	0
12		SODIUM VAPOR--							
13		9,500 LUMEN	0	0	5.64	0	0.0	0	0
14		16,000 LUMEN	0	0	6.29	0	0.0	0	0
15		22,000 LUMEN	0	0	6.90	0	0.0	0	0
16		27,500 LUMEN	0	0	6.90	0	0.0	0	0
17		50,000 LUMEN	0	0	9.35	0	0.0	0	0
18		DECORATIVE UNITS:							
19		7,000 LUMEN MERCURY VAPOR--							
20		HOLOPHANE	0	0	5.95	0	0.0	0	0
21		TOWN & COUNTRY	0	0	5.90	0	0.0	0	0
22		GAS REPLICA	0	0	5.95	0	0.0	0	0
23		ASPEN	0	0	5.95	0	0.0	0	0
24		14,000 LUMEN METAL HALIDE--							
25		TRADITIONAIRE	0	0	5.90	0	0.0	0	0
26		GRANVILLE ACORN	0	0	5.95	0	0.0	0	0
27		GAS REPLICA	0	0	5.95	0	0.0	0	0
28		9,500 LUMEN SODIUM VAPOR--							
29		TOWN & COUNTRY	0	0	5.55	0	0.0	0	0
30		TRADITIONAIRE	0	0	5.55	0	0.0	0	0
31		GRANVILLE ACORN	0	0	5.80	0	0.0	0	0
32		RECTILINEAR	0	0	5.55	0	0.0	0	0
33		ASPEN	0	0	5.80	0	0.0	0	0
34		HOLOPHANE	0	0	5.80	0	0.0	0	0
35		GAS REPLICA	0	0	5.80	0	0.0	0	0
36		SODIUM VAPOR --							
37		22,000 LUMEN (RECTILINEAR)	0	0	7.32	0	0.0	0	0
38		50,000 LUMEN (RECTILINEAR)	0	0	9.68	0	0.0	0	0
39		CUST OWNED/CUST MAINT							
40		ENERGY ONLY	2,064	97,596	0.041935	4,093	101.1	100	4,193
41		TOTAL RATE SC EXCLUDING RIDERS	2,064	97,596		4,093	101.1	100	4,193
42		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):							
43		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
44		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
45		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0		0
46		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(45)	(1.1)		(45)
47		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(45)	(1.1)		(45)
48		TOTAL RATE SC INCLUDING RIDERS	2,064	97,596		4,048	100.0	100	4,148

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.



DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED November 30, 2017  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FORECASTED PERIOD  
TYPE OF FILING:  X  ORIGINAL   UPDATED   REVISED  
WORK PAPER REFERENCE NO(S):  
6 Months Actual and 6 Months Projected

SCHEDULE M-2.3  
PAGE 20 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES (D)	PROPOSED RATES(3) (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
	(A)	(B)	(C)	(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(\$)
1	SE	STREET LIGHTING							
2		OVERHEAD EQUIVALENT RATE							
3		MERCURY VAPOR 7,000 LUMEN:							
4		TOWN & COUNTRY	6,816	484,504	8.16	55,619	26.1	498	56,117
5		HOLOPHANE	2,328	169,556	8.19	19,066	9.0	174	19,240
6		GAS REPLICA	696	50,692	8.19	5,700	2.7	52	5,752
7		ASPEN	132	9,614	8.19	1,081	0.5	10	1,091
8		METAL HALIDE 14,000 LUMEN:							
9		TRADITIONAIRE	3,144	223,486	8.16	25,655	12.1	230	25,885
10		GRANVILLE ACORN	0	0	8.19	0	0.0	0	0
11		GAS REPLICA	588	42,826	8.19	4,816	2.3	44	4,860
12		SODIUM VAPOR 9,500 LUMEN:							
13		TOWN & COUNTRY	3,192	129,542	8.89	28,377	13.4	133	28,510
15		HOLOPHANE	2,364	104,804	9.01	21,300	10.0	108	21,408
16		RECTILINEAR	972	39,447	8.89	8,641	4.1	41	8,682
17		GAS REPLICA	1,272	56,392	9.00	11,448	5.4	58	11,506
19		ASPEN	2,580	114,380	9.00	23,220	10.9	118	23,338
14		TRADITIONAIRE	0	0	8.89	0	0.0	0	0
18		GRANVILLE ACORN	156	6,916	9.00	1,404	0.7	7	1,411
20		SODIUM VAPOR:							
21		22,000 LUMEN (RECTILINEAR)	480	40,920	12.78	6,134	2.9	42	6,176
22		50,000 LUMEN (RECTILINEAR)	24	3,918	16.91	406	0.2	4	410
23		50,000 LUMEN (SETBACK)	0	0	16.91	0	0.0	0	0
24		TOTAL RATE SE EXCLUDING RIDERS	24,744	1,476,997		212,867	100.3	1,519	214,386
25		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):							
26		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0
27		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0
28		FERC TRANSMISSION COST RECOVERY RIDER (FTR)			0.000000	0	0.0	0	0
29		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(674)	(0.3)		(674)
30		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(674)	(0.3)		(674)
31		TOTAL RATE SE INCLUDING RIDERS	24,744	1,476,997		212,193	100.0	1,519	213,712

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
REVENUES AT PRESENT AND PROPOSED RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M  
PAGE 1 OF 1  
WITNESS:  
B. L. SAILERS

LINE NO.	RATE CLASSIFICATION (A)	REVENUE AT PRESENT RATES (B)	REVENUE AT PROPOSED RATES (C)	REVENUE CHANGE (AMOUNT) (D=C-B)	% OF REVENUE CHANGE (E=D / B)
		(\$)	(\$)	(\$)	
<b>RESIDENTIAL</b>					
1	RESIDENTIAL SERVICE (RS)	131,689,037	154,544,306	22,855,269	17.36%
2	TOTAL RESIDENTIAL	131,689,037	154,544,306	22,855,269	17.36%
<b>DISTRIBUTION</b>					
3	DISTRIBUTION SERVICE (DS)	92,330,927	105,529,716	13,198,789	14.30%
4	DT PRIMARY TIME OF DAY (DT-PRI)	31,781,792	35,822,785	4,040,993	12.71%
5	DT SECONDARY TIME OF DAY (DT-SEC)	47,238,249	53,713,265	6,475,016	13.71%
6	ELECTRIC SPACE HEATING (EH)	644,536	736,244	91,708	14.23%
7	SPORTS SERVICE (SP)	29,301	32,644	3,343	11.41%
8	SMALL FIXED LOADS (GSFL)	603,277	690,045	86,768	14.38%
9	PRIMARY VOLTAGE (DP)	954,503	1,122,170	167,667	17.57%
10	TOTAL DISTRIBUTION	173,582,585	197,646,869	24,064,284	13.86%
<b>TRANSMISSION</b>					
11	TIME OF DAY (TT)	12,738,415	14,154,834	1,416,419	11.12%
12	TOTAL TRANSMISSION	12,738,415	14,154,834	1,416,419	11.12%
<b>REAL TIME PRICING</b>					
13	DT PRIMARY-REAL TIME PRICING (DT-RTP PRI)	0	0	0	-
14	DT SECONDARY-REAL TIME PRICING (DT-RTP SEC)	143,275	179,232	35,957	25.10%
15	DS-REAL TIME PRICING (DS-RTP)	26,237	28,858	2,621	9.99%
16	TT-REAL TIME PRICING (TT-RTP)	419,352	468,312	48,960	11.68%
17	TOTAL REAL TIME PRICING	588,864	676,402	87,538	14.87%
<b>LIGHTING</b>					
18	STREET LIGHTING (SL)	1,346,951	1,506,798	159,847	11.87%
19	TRAFFIC LIGHTING (TL)	71,618	80,031	8,413	11.75%
20	UNMETERED OUTDOOR LIGHTING (UOLS)	205,052	229,058	24,006	11.71%
21					
22	NON STANDARD STREET LIGHTING (NSU)	62,007	69,359	7,352	11.86%
23					
24	CUST OWNED STREET LIGHTING SERVICE (SC)	3,713	4,148	435	11.72%
25	OVERHEAD EQUIV STREET LIGHTING SERVICE (SE)	191,061	213,711	22,650	11.85%
26	TOTAL LIGHTING	1,880,402	2,103,105	222,703	11.84%
27	INTERDEPARTMENTAL	51,773	51,773	0	0.00%
28	SPECIAL CONTRACTS	7,722	7,722	0	0.00%
29	TOTAL RETAIL REVENUE	320,538,798	369,185,011	48,646,213	15.18%
<b>OTHER MISCELLANEOUS REVENUE</b>					
30	PJM AND TRANSMISSION	2,837,250	2,837,250	0	0.00%
31	BAD CHECK CHARGES	24,156	24,156	0	0.00%
32	RECONNECTION CHARGES	198,096	198,096	0	0.00%
33	POLE AND LINE ATTACHMENTS	230,180	230,180	0	0.00%
34	RENTS	1,058,004	1,058,004	0	0.00%
35	OTHER MISCELLANEOUS	189,760	189,760	0	0.00%
36	TOTAL MISCELLANEOUS REVENUE	4,537,446	4,537,446	0	0.00%
37	TOTAL REVENUE	325,076,244	373,722,457	48,646,213	14.96%

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
TEST PERIOD REVENUES AT CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_ X \_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_ X \_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.1  
PAGE 1 OF 1  
WITNESS:  
B. L. SAILERS

TEST PERIOD REVENUES AT CURRENT RATES

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	TEST PERIOD REVENUE LESS	AVERAGE RATE (F=E/D)	% OF REV TO TOTAL	FUEL COST REVENUE (H)	TEST PERIOD	% OF REV TO TOTAL (J)
					FUEL COST REVENUE (E)		EXCLUSIVE OF FUEL COST (G)		REVENUE TOTAL (I)	
				(KWH)	(\$)	(¢/KWH)	(%)	(\$)	(\$)	(%)
1	RS	RESIDENTIAL SERV	1,534,899	1,483,760,953	130,163,731	8.7726	40.57	1,525,306	131,689,037	40.51
2	DS	DISTRIBUTION SERV	158,808	1,126,916,760	91,172,457	8.0904	28.41	1,158,470	92,330,927	28.40
3	DT-PRI	TIME OF DAY	444	499,861,812	31,267,934	6.2553	9.74	513,858	31,781,792	9.78
4	DT-SEC	TIME OF DAY	1,793	692,941,090	46,525,906	6.7143	14.50	712,343	47,238,249	14.53
5	EH	ELEC SPACE HEATING	504	9,862,331	634,398	6.4325	0.20	10,138	644,536	0.20
6	SP	SPORTS SERV	180	269,414	29,024	10.7730	0.01	277	29,301	0.01
7	GSFL	SMALL FIXED LOADS	540	6,264,122	596,837	9.5279	0.19	6,440	603,277	0.19
8	DP	PRIMARY VOLTAGE	120	13,092,910	941,043	7.1874	0.29	13,460	954,503	0.29
9	TT	TIME OF DAY	156	216,753,136	12,515,593	5.7741	3.90	222,822	12,738,415	3.92
10	DT-RTP PRI	REAL TIME PRICING	0	0	0	-	-	0	0	-
11	DT-RTP SEC	REAL TIME PRICING	24	4,181,575	143,275	3.4263	0.04	0	143,275	0.04
12	DS-RTP	REAL TIME PRICING	36	304,820	26,237	8.6074	0.01	0	26,237	0.01
13	TT-RTP	REAL TIME PRICING	24	13,080,334	419,352	3.2060	0.13	0	419,352	0.13
14	SL	STREET LIGHTING	138,477	10,839,811	1,335,809	12.3232	0.42	11,142	1,346,951	0.41
15	TL	TRAFFIC LIGHTING	94,968	1,439,796	70,138	4.8714	0.02	1,480	71,618	0.02
16	UOLS	UNMTRD OUTDR LIGHT	91,004	5,388,585	199,513	3.7025	0.06	5,539	205,052	0.06
17										
18	NSU	NON STD STREET LIGHT	8,364	405,021	61,591	15.2069	0.02	416	62,007	0.02
19										
20	SC	CUST OWNED STREET LIGHTING	2,064	97,596	3,613	3.7020	-	100	3,713	-
21	SE	OVR HD EQUIV STREET LIGHTING	24,744	1,476,997	189,543	12.8330	0.06	1,518	191,061	0.06
22	ID01	INTERDEPARTMENTAL	12	715,514	51,037	7.1329	0.02	736	51,773	0.02
23	IS	PJM AND TRANSMISSION	0	0	2,837,250	-	0.88	0	2,837,250	0.87
24		BAD CHECK CHARGES	0	0	24,156	-	0.01	0	24,156	0.01
25		RECONNECTION CHGS	0	0	198,096	-	0.06	0	198,096	0.06
26		POLE AND LINE ATTACHMENTS	0	0	230,180	-	0.07	0	230,180	0.07
27		RENTS	0	0	1,058,004	-	0.33	0	1,058,004	0.33
28	WS	SPECIAL CONTRACTS	132	138,888	7,579	5.4569	-	143	7,722	-
29		OTHER MISC	0	0	189,760	-	0.06	0	189,760	0.06
30	TOTAL		2,057,293	4,087,791,465	320,892,056	7.8500	100.00	4,184,188	325,076,244	100.00

NOTE: DETAIL CONTAINED ON SCHEDULES M-2.2 AND M-2.3.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.2  
PAGE 1 OF 20  
WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
<b>RESIDENTIAL</b>												
1	RS	RESIDENTIAL SERV	1,534,899	1,483,760,953	8.7726	130,163,731	100.00	22,855,269	17.6	1,525,306	131,689,037	17.4
2	<b>TOTAL RESIDENTIAL</b>		<b>1,534,899</b>	<b>1,483,760,953</b>	<b>8.7726</b>	<b>130,163,731</b>	<b>40.56</b>	<b>22,855,269</b>	<b>17.6</b>	<b>1,525,306</b>	<b>131,689,037</b>	<b>17.4</b>
<b>DISTRIBUTION</b>												
3	DS	DISTRIBUTION SERV	158,808	1,126,916,760	8.0904	91,172,457	53.27	13,198,789	14.5	1,158,470	92,330,927	14.3
4	DT-PRI	TIME OF DAY	444	499,861,812	6.2553	31,267,934	18.27	4,040,993	12.9	513,858	31,781,792	12.7
5	DT-SEC	TIME OF DAY	1,793	692,941,090	6.7143	46,525,906	27.18	6,475,016	13.9	712,343	47,238,249	13.7
6	EH	ELEC SPACE HEATING	504	9,862,331	6.4325	634,398	0.37	91,708	14.5	10,138	644,536	14.2
7	SP	SPORTS SERV	180	269,414	10.7730	29,024	0.02	3,343	11.5	277	29,301	11.4
8	GSFL	SMALL FIXED LOADS	540	6,264,122	9.5279	596,837	0.35	86,768	14.5	6,440	603,277	14.4
9	DP	PRIMARY VOLTAGE	120	13,092,910	7.1874	941,043	0.55	167,667	17.8	13,460	954,503	17.6
10	<b>TOTAL DISTRIBUTION</b>		<b>162,389</b>	<b>2,349,208,439</b>	<b>7.2862</b>	<b>171,167,599</b>	<b>53.35</b>	<b>24,064,284</b>	<b>14.1</b>	<b>2,414,966</b>	<b>173,582,585</b>	<b>13.9</b>
<b>TRANSMISSION</b>												
11	TT	TIME OF DAY	156	216,753,136	5.7741	12,515,593	100.00	1,416,419	11.3	222,822	12,738,415	11.1
12	<b>TOTAL TRANSMISSION</b>		<b>156</b>	<b>216,753,136</b>	<b>5.7741</b>	<b>12,515,593</b>	<b>3.90</b>	<b>1,416,419</b>	<b>11.3</b>	<b>222,822</b>	<b>12,738,415</b>	<b>11.1</b>
<b>REAL TIME PRICING</b>												
13	DT-RTP PRI	REAL TIME PRICING	0	0	-	0	0.00	0	0.0	0	0	0.0
14	DT-RTP SEC	REAL TIME PRICING	24	4,181,575	3.4263	143,275	24.33	35,957	25.1	0	143,275	25.1
15	DS-RTP	REAL TIME PRICING	36	304,820	8.6074	26,237	4.46	2,621	10.0	0	26,237	10.0
16	TT-RTP	REAL TIME PRICING	24	13,080,334	3.2060	419,352	71.21	46,960	11.7	0	419,352	11.7
17	<b>TOTAL REAL TIME PRICING</b>		<b>84</b>	<b>17,566,729</b>	<b>3.3522</b>	<b>568,864</b>	<b>0.18</b>	<b>87,538</b>	<b>14.9</b>	<b>0</b>	<b>586,864</b>	<b>14.9</b>
<b>LIGHTING</b>												
18	SL	STREET LIGHTING	138,477	10,839,811	12.3232	1,335,809	71.81	159,846	12.0	11,142	1,346,951	11.9
19	TL	TRAFFIC LIGHTING	94,968	1,439,796	4.8714	70,136	3.77	8,413	12.0	1,480	71,618	11.7
20	UOLS	UNMTRD OUTDR LIGHT	91,004	5,388,585	3.7025	199,513	10.73	24,006	12.0	5,539	205,052	11.7
21												
22	NSU	NON STD STREET LIGHT	8,364	405,021	15.2069	61,591	3.31	7,352	11.9	416	62,007	11.9
23												
24	SC	CUST OWNED STREET LIGHTING	2,064	97,596	3.7020	3,613	0.19	435	12.0	100	3,713	11.7
25	SE	OVR HD EQUIV STREET LIGHTING	24,744	1,476,997	12.8330	189,543	10.19	22,650	11.9	1,516	191,061	11.9
26	<b>TOTAL LIGHTING</b>		<b>359,621</b>	<b>19,647,806</b>	<b>9.4678</b>	<b>1,860,207</b>	<b>0.58</b>	<b>222,702</b>	<b>12.0</b>	<b>20,195</b>	<b>1,880,402</b>	<b>11.8</b>
<b>OTHER MISC REVENUE</b>												
27	ID01	INTERDEPARTMENTAL	12	715,514	7.1329	51,037	1.11	0	0.0	736	51,773	0.0
28		PJM AND TRANSMISSION	0	0	-	2,837,250	61.73	0	0.0	0	2,837,250	0.0
29		BAD CHECK CHARGES	0	0	-	24,156	0.53	0	0.0	0	24,156	0.0
30		RECONNECTION CHGS	0	0	-	198,096	4.31	0	0.0	0	198,096	0.0
31		POLE AND LINE ATTACHMENTS	0	0	-	230,180	5.01	0	0.0	0	230,180	0.0
32		RENTS	0	0	-	1,058,004	23.02	0	0.0	0	1,058,004	0.0
33	WS	SPECIAL CONTRACTS	132	138,688	0.055596	7,579	0.16	0	0.0	143	7,722	0.0
34		OTHER MISC	0	0	-	189,760	4.13	0	0.0	0	189,760	0.0
35	<b>TOTAL MISC REVENUE</b>		<b>144</b>	<b>854,402</b>		<b>4,596,062</b>	<b>1.43</b>	<b>0</b>	<b>0.0</b>	<b>879</b>	<b>4,596,941</b>	<b>0.0</b>
36	<b>TOTAL</b>		<b>2,057,293</b>	<b>4,087,791,465</b>	<b>7.8500</b>	<b>320,692,056</b>	<b>100.00</b>	<b>48,646,212</b>	<b>15.2</b>	<b>4,184,188</b>	<b>325,076,244</b>	<b>15.0</b>

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.2  
PAGE 2 OF 20  
WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	RS	RESIDENTIAL										
2		CUSTOMER CHARGE:										
3		BILLS	1,534,899		\$4.50	6,907,046	5.3	10,314,521	149.3		6,907,046	149.3
4		ENERGY CHARGE (3):										
5		ALL KWH		1,483,760,953	0.075456	111,958,666	86.0	12,540,748	11.2		111,958,666	11.2
6		TOTAL RATE RS EXCLUDING RIDERS	1,534,899	1,483,760,953		118,865,712	91.3	22,855,269	19.2		118,865,712	19.2
7		RIDERS:										
8		HOME ENERGY ASSISTANCE (HEA)			\$0.10	153,490	0.1	0	0.0		153,490	0.0
9		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.007967	11,821,124	9.1	0	0.0		11,821,124	0.0
10		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
11		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
12		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					1,525,306	1,525,306	0.0
13		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0		0	0.0
14		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(676,595)	(0.5)	0	0.0		(676,595)	0.0
15		TOTAL RIDERS				11,298,019	8.7	0	0.0	1,525,306	12,823,325	0.0
16		TOTAL RATE RS INCLUDING RIDERS	1,534,899	1,483,760,953		130,163,731	100.0	22,855,269	17.6	1,525,306	131,689,037	17.4

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_ X \_\_\_ FORECASTED PERIOD  
TYPE OF FILING: X ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.2  
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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV (F - K)	% INCR IN REV LESS (M / K)	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)	
			(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)	
1	DS	SERVICE AT										
2		DISTRIBUTION VOLTAGE										
3		CUSTOMER CHARGE:										
4		LOAD MANAGEMENT RIDER - NON-INTERVAL	1,817		\$5.00	9,085	0.0	0	0.0		9,085	0.0
5		LOAD MANAGEMENT RIDER - INTERVAL	12		\$100.00	1,200	0.0	(1,140)	(95.0)		1,200	(95.0)
6		SINGLE PHASE	85,484		\$7.50	641,130	0.7	824,066	128.5		641,130	128.5
7		THREE PHASE	73,324		\$15.00	1,099,860	1.2	1,413,687	128.5		1,099,860	128.5
8		TOTAL CUSTOMER CHARGE	158,808			1,751,275	1.9	2,236,613	127.7		1,751,275	127.7
9		DEMAND CHARGE:										
10		FIRST 15 KW	1,407,151		\$0.00	0	0.0	0	0.0		0	0.0
11		ADDITIONAL KW	2,525,026		\$7.75	19,568,952	21.5	2,474,525	12.6		19,568,952	12.6
12		TOTAL DEMAND	3,932,177			19,568,952	21.5	2,474,525	12.6		19,568,952	12.6
13		ENERGY CHARGE (3):										
14		FIRST 6000 KWH	370,329,117		0.081645	30,235,521	33.2	3,804,020	12.6		30,235,521	12.6
15		NEXT 300KWH/KW	633,333,732		0.050119	31,742,053	34.8	3,993,803	12.6		31,742,053	12.6
16		ADDITIONAL KWH	120,829,252		0.041043	4,959,195	5.4	623,600	12.6		4,959,195	12.6
17		NON-CHURCH "CAP" RATE	1,797,592		0.241184	433,550	0.5	54,547	12.6		433,550	12.6
18		CHURCH CAP RATE	627,067		0.148065	92,847	0.1	11,681	12.6		92,847	12.6
19		TOTAL ENERGY	1,126,916,760			67,463,166	74.0	8,487,651	12.6		67,463,166	12.6
20		TOTAL RATE DS EXCLUDING RIDERS	158,808	1,126,916,760		88,783,393	97.4	13,198,789	14.9		88,783,393	14.9
21		RIDERS:										
22		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	2,902,938	3.2	0	0.0		2,902,938	0.0
23		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
24		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0	0	0.0		0	0.0
25		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					1,158,470	1,158,470	0.0
26		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0		0	0.0
27		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(513,874)	(0.6)	0	0.0		(513,874)	0.0
28		TOTAL RIDERS				2,389,064	2.6	0	0.0	1,158,470	3,547,534	0.0
29		TOTAL RATE DS INCLUDING RIDERS	158,808	1,126,916,760		91,172,457	100.0	13,198,789	14.5	1,158,470	92,330,927	14.3

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL ADJUSTMENT CLAUSE OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN RATE RATES OF \$0.000000 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_ X \_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_ X \_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.2  
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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWKWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DT-PRI	TIME OF DAY PRIMARY										
2	SUMMER:											
3	CUSTOMER CHARGE:											
4	PRIMARY VOLTAGE		148		\$100.00	14,800	0.0	54,020	365.0		14,800	365.0
5	TOTAL CUSTOMER CHARGE		148			14,800	0.0	54,020	365.0		14,800	365.0
6	DEMAND CHARGE:											
7	ON PEAK KW			329,055	\$12.75	4,195,451	13.4	539,650	12.9		4,195,451	0.0
8	OFF PEAK KW			16,487	\$1.15	18,960	0.1	2,473	13.0		18,960	13.0
9	SUB-TOTAL			345,542		4,214,411	13.5	542,123	12.9		4,214,411	12.9
10	PRIMARY SERV. DIS.											
11	FIRST 1000 KW			131,070	(\$0.65)	(85,196)	(0.3)	(10,485)	12.3		(85,196)	12.3
12	ADDITIONAL KW			214,474	(\$0.50)	(107,237)	(0.3)	(12,868)	12.0		(107,237)	12.0
13	TOTAL DEMAND			345,544		4,021,978	12.9	518,770	12.9		4,021,978	12.9
14	ENERGY CHARGE (3):											
15	ON PEAK KWH			50,128,540	0.044195	2,215,431	7.1	284,730	12.9		2,215,431	12.9
16	OFF PEAK KWH			126,703,003	0.036195	4,586,015	14.7	589,042	12.8		4,586,015	12.8
17	TOTAL SUMMER		148	176,831,543		10,838,224	34.7	1,446,562	13.3		10,838,224	13.3
18	WINTER:											
19	CUSTOMER CHARGE:											
20	PRIMARY VOLTAGE		296		\$100.00	29,600	0.1	108,040	365.0		29,600	365.0
21	TOTAL CUSTOMER CHARGE		296			29,600	0.1	108,040	365.0		29,600	365.0
22	DEMAND CHARGE:											
23	ON PEAK KW			616,258	\$12.07	7,438,234	23.7	955,200	12.8		7,438,234	0.0
24	OFF PEAK KW			41,942	\$1.15	48,233	0.2	6,292	13.0		48,233	13.0
25	SUB-TOTAL			658,200		7,486,467	23.9	961,492	12.8		7,486,467	12.8
26	PRIMARY SERV. DIS.											
27	FIRST 1000 KW			272,457	(\$0.65)	(177,097)	(0.6)	(21,797)	12.3		(177,097)	12.3
28	ADDITIONAL KW			385,743	(\$0.50)	(192,872)	(0.6)	(23,144)	12.0		(192,872)	12.0
29	TOTAL DEMAND			658,200		7,116,498	22.8	916,551	12.9		7,116,498	12.9
30	ENERGY CHARGE (3):											
31	ON PEAK KWH			88,637,348	0.042195	3,740,053	12.0	480,148	12.8		3,740,053	12.8
32	OFF PEAK KWH			234,392,921	0.036195	8,483,852	27.0	1,089,692	12.8		8,483,852	12.8
33	TOTAL WINTER		296	323,030,269		19,370,003	61.9	2,594,431	13.4		19,370,003	13.4
34	TOTAL RATE DT PRIMARY EXCLUDING RIDERS		444	499,861,812		30,208,227	96.6	4,040,993	13.4	0	30,208,227	13.4
35	RIDERS:											
36	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.002576	1,287,644	4.1	0	0.0		1,287,644	0.0
37	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.00	0	0.0	0	0.0		0	0.0
38	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)				0.00	0	0.0	0	0.0		0	0.0
39	FUEL ADJUSTMENT CLAUSE (FAC)				0.001028					513,858	513,858	0.0
40	FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)				0.000000	0	0.0	0	0.0		0	0.0
41	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(227,937)	(0.7)	0	0.0		(227,937)	0.0
42	TOTAL RIDERS					1,059,707	3.4	0	0.0	513,858	1,573,565	0.0
43	TOTAL RATE DT PRIMARY INCLUDING RIDERS		444	499,861,812		31,267,934	100.0	4,040,993	12.9	513,858	31,781,792	12.7

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_ X FORECASTED PERIOD  
TYPE OF FILING: \_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWK/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1		DT-SEC TIME OF DAY SECONDARY										
2		SUMMER:										
3		CUSTOMER CHARGE:										
4		SINGLE PHASE	0		\$7.50	0	0.0	0	0.0	0	0.0	
5		THREE PHASE	596		\$15.00	8,940	0.0	229,460	2566.7	8,940	2566.7	
6		TOTAL CUSTOMER CHARGE	596			8,940	0.0	229,460	2566.7	8,940	2566.7	
7		DEMAND CHARGE:										
8		ON PEAK KW		525,300	\$12.75	6,697,575	14.4	861,492	12.9	6,697,575	0.0	
9		OFF PEAK KW		12,144	\$1.15	13,966	0.0	1,821	13.0	13,966	13.0	
10		TOTAL DEMAND		537,444		6,711,541	14.4	863,313	12.9	6,711,541	12.9	
11		ENERGY CHARGE (3):										
12		ON PEAK KWH		77,233,253	0.044195	3,413,324	7.3	438,684	12.9	3,413,324	12.9	
13		OFF PEAK KWH		169,204,670	0.036195	6,124,363	13.2	786,633	12.8	6,124,363	12.8	
14		TOTAL SUMMER	596	246,437,923		16,258,168	34.9	2,318,090	14.3	16,258,168	14.3	
15		WINTER:										
16		CUSTOMER CHARGE:										
17		SINGLE PHASE	0		\$7.50	0	0.0	0	0.0	0	0.0	
18		THREE PHASE	1,197		\$15.00	17,955	0.0	460,845	2566.7	17,955	2566.7	
19		TOTAL CUSTOMER CHARGE	1,197			17,955	0.0	460,845	2566.7	17,955	2566.7	
20		DEMAND CHARGE:										
21		ON PEAK KW		975,930	\$12.07	11,779,475	25.3	1,512,692	12.8	11,779,475	0.0	
22		OFF PEAK KW		23,138	\$1.15	26,609	0.1	3,470	13.0	26,609	13.0	
23		TOTAL DEMAND		999,068		11,806,084	25.4	1,516,162	12.8	11,806,084	12.8	
24		ENERGY CHARGE (3):										
25		ON PEAK KWH		135,580,380	0.042195	5,720,814	12.3	734,439	12.8	5,720,814	12.8	
26		OFF PEAK KWH		310,922,787	0.036195	11,253,850	24.2	1,445,480	12.8	11,253,850	12.8	
27		TOTAL WINTER	1,197	446,503,167		28,798,703	61.9	4,156,926	14.4	28,798,703	14.4	
28		TOTAL RATE DT SECONDARY EXCLUDING RIDERS	1,793	692,941,090		45,056,871	96.8	6,475,016	14.4	45,056,871	0.0	
29		RIDERS:										
30		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	1,785,016	3.9	0	0.0	1,785,016	0.0	
31		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0	0	0.0	
32		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0	0	0.0	0	0.0	
33		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					712,343	712,343	0.0
34		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0	0	0.0	
35		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(315,981)	(0.7)	0	0.0	(315,981)	0.0	
36		TOTAL RIDERS				1,469,035	3.2	0	0.0	712,343	2,181,378	0.0
37		TOTAL RATE DT SECONDARY INCLUDING RIDERS	1,793	692,941,090		46,525,906	100.0	6,475,016	13.9	712,343	47,238,249	13.7

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECDVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.



DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
**ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES**  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_ X \_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES	CURRENT REVENUE LESS FUEL COST	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV (F - K)	% INCR IN REV LESS FUEL COST REV (M / K)	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)	
			(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)	
1	EH	OPTIONAL RATE FOR										
2		ELEC. SPACE HEATING										
3		CUSTOMER CHARGE:										
4		SINGLE PHASE	112		\$7.50	840	0.1	1,080	128.6		840	128.6
5		THREE PHASE	392		\$15.00	5,880	1.0	7,558	128.5		5,880	128.5
6		PRIMARY VOLTAGE	0		\$100.00	0	0.0	0	0.0		0	0.0
7		TOTAL CUSTOMER CHARGE	504			6,720	1.1	8,638	128.5		6,720	128.5
8		DEMAND CHARGE:										
9		ALL KW		39,432	\$0.00	0	0.0	0	0.0		0	0.0
10		ENERGY CHARGE (3):										
11		ALL CONSUMPTION		9,862,331	0.061524	606,770	95.6	83,070	13.7		606,770	13.7
12		TOTAL RATE EH EXCLUDING RIDERS	504	9,862,331		613,490	96.7	91,708	14.9		613,490	14.9
13		RIDERS:										
14		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	25,405	4.0	0	0.0		25,405	0.0
15		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
16		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
17		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					10,138	10,138	0.0
18		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0		0	0.0
19		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(4,497)	(0.7)	0	0.0		(4,497)	0.0
20		TOTAL RIDERS				20,908	3.3	0	0.0	10,138	31,046	0.0
21		TOTAL RATE EH INCLUDING RIDERS	504	9,862,331		634,398	100.0	91,708	14.5	10,138	644,536	14.2

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_ X \_\_\_ FORECASTED PERIOD  
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12 Months Projected with Riders

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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	SP	SEASONAL SPORTS SERVICE										
2		MINIMUM BILLS (4)	0			0	0.0	0	0.0		0	0.0
3		CUSTOMER CHARGE	180		\$7.50	1,350	4.7	1,735	128.5		1,350	128.5
4		ENERGY CHARGE (3):										
5		ALL CONSUMPTION		269,414		27,103	93.3	1,608	5.9		27,103	5.9
6		TOTAL RATE SP EXCLUDING RIDERS	180	269,414		28,453	98.0	3,343	11.7		28,453	11.7
7		RIDERS:										
8		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	694	2.4	0	0.0		694	0.0
9		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
10		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
11		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					277	277	0.0
12		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0		0	0.0
13		PRDFIT SHARING MECHANISM (PSM)			(0.000456)	(123)	(0.4)	0	0.0		(123)	0.0
14		TOTAL RIDERS				571	2.0	0	0.0	277	848	0.0
15		TOTAL RATE SP INCLUDING RIDERS	180	269,414		29,024	100.0	3,343	11.5	277	29,301	11.4
16	GS-FL	SMALL FIXED LOADS										
17		MINIMUM BILLS	492		\$3.00	1,476	0.2	220	14.9		1,476	14.9
18		BASE RATE (3):										
19		LOAD RANGE 540 TO 720 HRS		12,244	0.080723	988	0.2	147	14.9		988	14.9
20		LOAD RANGE LESS THAN 540 HRS		6,251,878	0.092947	581,093	97.4	86,401	14.9		581,093	14.9
21		TOTAL RATE GS-FL EXCLUDING RIDERS	492	6,264,122		583,557	97.8	86,768	14.9		583,557	14.9
22		RIDERS:										
23		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	16,136	2.7	0	0.0		16,136	0.0
24		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
25		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
26		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					6,440	6,440	0.0
27		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0		0	0.0
28		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(2,856)	(0.5)	0	0.0		(2,856)	0.0
29		TOTAL RIDERS				13,280	2.2	0	0.0	6,440	19,720	0.0
30		TOTAL RATE GS-FL INCLUDING RIDERS	540	6,264,122		596,837	100.0	86,768	14.5	6,440	603,277	14.4

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(4) 1.5% OF INSTALLED TRANSFORMER AND METERING COSTS BUT NOT LESS THAN CUSTOMER CHARGE WHETHER SERVICE IS ON OR DISCONNECTED.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_ FORECASTED PERIOD  
TYPE OF FILING: \_X\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S).:  
12 Months Projected with Riders  
12 Months Projected with Riders

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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV (F - K)	% INCR IN REV LESS FUEL COST REV (M / K)	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)	
			(KWK/KWH)		(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DP	SERVICE AT PRIMARY										
2		DISTRIBUTION VOLTAGE										
3		CUSTOMER CHARGE:										
4		LOAD MANAGEMENT RIDER	24		\$100.00	2,400	0.3	(2,280)	(95.0)		2,400	(95.0)
5		PRIMARY VOLTAGE	120		\$100.00	12,000	1.3	2,254	18.8		12,000	18.8
6		TOTAL CUSTOMER CHARGE	120			14,400	1.6	(26)	(76.2)		14,400	(0.2)
7		DEMAND CHARGE:										
8		ALL KW		35,212	\$7.08	249,301	26.5	46,480	18.6		249,301	18.6
9		TOTAL DEMAND		35,212		249,301	26.5	46,480	18.6		249,301	18.6
10		ENERGY CHARGE (3):										
11		FIRST 300KWH/KW		10,138,574	0.051068	517,757	55.0	96,590	18.7		517,757	18.7
12		ADDITIONAL KWH		2,933,092	0.043198	126,704	13.5	23,667	18.7		126,704	18.7
13		CAP RATE KWH		21,244	0.241184	5,124	0.5	956	18.7		5,124	18.7
14		TOTAL ENERGY		13,092,910		649,585	69.0	121,213	18.7		649,585	18.7
15		TOTAL RATE DP EXCLUDING RIDERS	120	13,092,910		913,286	97.1	167,667	18.4		913,286	18.4
16		RIDERS:										
17		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	33,727	3.5	0	0.0		33,727	0.0
18		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
19		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0	0	0.0		0	0.0
20		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					13,460	13,460	0.0
21		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0		0	0.0
22		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(5,970)	(0.6)	0	0.0		(5,970)	0.0
23		TOTAL RIDERS				27,757	2.9	0	0.0	13,460	41,217	0.0
24		TOTAL RATE DP INCLUDING RIDERS	120	13,092,910		941,043	100.0	167,667	17.8	13,460	954,503	17.6

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
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CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KW/KWH)	MOST CURRENT RATES (J) (\$/KWH)/ (\$/KW)	CURRENT REVENUE LESS FUEL COST REVENUE (K) (\$)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L) (%)	REVENUE INCR LESS FUEL COST REV (F - K) (M) (\$)	% INCR IN REV LESS FUEL COST REV (M / K) (N) (%)	FUEL COST REVENUE (2) (H) (\$)	CURRENT TOTAL REVENUE (K + H) (K1) (\$)	TOTAL REVENUE % INCREASE (M / K1) (O) (%)
1	TT	TIME OF DAY										
2		SUMMER:										
3		CUSTOMER CHARGE	52		\$500.00	26,000	0.2	0	0.0		26,000	0.0
4		DEMAND CHARGE:										
5		ON PEAK KW		159,265	\$7.60	1,210,414	9.7	136,968	11.3		1,210,414	11.3
6		OFF PEAK KW		6,612	\$1.15	7,604	0.1	859	11.3		7,604	11.3
7		TOTAL DEMAND		165,877		1,218,018	9.8	137,827	11.3		1,218,018	11.3
8		ENERGY CHARGE (3):										
9		ON PEAK KWH		25,255,595	0.042648	1,077,101	8.6	298,167	27.7		1,077,101	27.7
10		OFF PEAK KWH		45,510,201	0.042648	1,940,919	15.5	88,563	4.6		1,940,919	4.6
11		TOTAL ENERGY		70,765,796		3,018,020	24.1	386,730	12.8		3,018,020	12.8
12		TOTAL SUMMER	52	70,765,796		4,262,038	34.1	524,557	12.3		4,262,038	12.3
13		WINTER:										
14		CUSTOMER CHARGE	104		\$500.00	52,000	0.4	0	0.0		52,000	0.0
15		DEMAND CHARGE:										
16		ON PEAK KW		323,931	\$6.24	2,021,329	16.2	229,991	11.4		2,021,329	11.4
17		OFF PEAK KW		11,592	\$1.15	13,331	0.1	1,507	11.3		13,331	11.3
18		TOTAL DEMAND		335,523		2,034,660	16.3	231,498	11.4		2,034,660	11.4
19		ENERGY CHARGE (3):										
20		ON PEAK KWH		50,923,377	0.042648	2,171,780	17.4	475,370	21.9		2,171,780	21.9
21		OFF PEAK KWH		95,063,963	0.042648	4,054,288	32.3	184,994	4.6		4,054,288	4.6
22		TOTAL ENERGY		145,987,340		6,226,068	49.7	660,364	10.6		6,226,068	10.6
23		TOTAL WINTER	104	145,987,340		8,312,728	66.4	891,852	10.7		8,312,728	10.7
24		TOTAL RATE TT EXCLUDING RIDERS	156	216,753,136		12,574,766	100.5	1,416,419	11.3		12,574,766	11.3
25		RIDERS:										
26		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.000183	39,666	0.3	0	0.0		39,666	0.0
27		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
28		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					222,822	222,822	0.0
29		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0		0	0.0
30		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(98,839)	(0.8)	0	0.0		(98,839)	0.0
31		TOTAL RIDERS				(59,173)	(0.5)	0	0.0	222,822	163,649	0.0
32		TOTAL RATE TT INCLUDING RIDERS	156	216,753,136		12,515,593	100.0	1,416,419	11.3	222,822	12,738,415	11.1

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DT RTP	TIME OF DAY SERVICE AT SECONDARY DISTRIBUTION VOLTAGE										
2												
3		CUSTOMER CHARGE:										
4		BILLS (Real-Time Pricing)	24		\$183.00	4,392	3.1	0	0.0		4,392	0.0
5		TOTAL CUSTOMER CHARGE				4,392	3.1	0	0.0		4,392	0.0
6		ENERGY CHARGE:										
7		ALL KWH		4,181,575	0.006053	25,311	17.7	39,135	154.6		25,311	154.6
8		ANCILLARY SERVICES		4,181,575	0.000760	3,178	2.2	(3,178)	(100.0)		3,178	(100.0)
9		COMMODITY CHARGES		4,181,575	0.024280	101,529	70.9	0	0.0	0	101,529	0.0
10		TOTAL ENERGY		4,181,575		130,018	90.7	35,957	27.7	0	130,018	27.7
11		TOTAL RATE DT RTP SECONDARY EXCLUDING RIDERS	24	4,181,575		134,410	93.8	35,957	26.8	0	134,410	26.8
12		RIDERS:										
13		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	10,772	7.5	0	0.0		10,772	0.0
14		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
15		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)		0	0.00	0	0.0	0	0.0		0	0.0
16		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0		0	0.0
17		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(1,907)	(1.3)	0	0.0		(1,907)	0.0
18		TOTAL RIDERS				8,865	6.2	0	0.0	0	8,865	0.0
19		TOTAL RATE DT RTP SECONDARY INCLUDING RIDERS	24	4,181,575		143,275	100.0	35,957	25.1	0	143,275	25.1

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: X ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DS RTP	SERVICE AT SECONDARY DISTRIBUTION VOLTAGE										
2												
3	CUSTOMER CHARGE:											
4	BILLS (Real-Time Pricing)		36		\$183.00	6,588	25.1	0	0.0		6,588	0.0
5	TOTAL CUSTOMER CHARGE					6,588	25.1	0	0.0		6,588	0.0
6	ENERGY CHARGE:											
7	ALL KWH			304,820	0.006053	1,845	7.0	2,853	154.6		1,845	154.6
8	ANCILLARY SERVICES			304,820	0.000760	232	0.9	(232)	(100.0)		232	(100.0)
9	COMMODITY CHARGES			304,820	0.055529	16,926	64.5	0	0.0	0	16,926	0.0
10	TOTAL ENERGY			304,820		19,003	72.4	2,621	13.8	0	19,003	13.8
11	TOTAL RATE DS RTP EXCLUDING RIDERS		36	304,820		25,591	97.4	2,621	10.2	0	25,591	10.2
12	RIDERS:											
13	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.002576	785	3.0	0	0.0		785	0.0
14	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0	0	0.0		0	0.0
15	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0	0.00	0	0.0	0	0.0		0	0.0
16	FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0	0.000000	0	0.0	0	0.0		0	0.0
17	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(139)	(0.5)	0	0.0		(139)	0.0
18	TOTAL RIDERS					646	2.6	0	0.0	0	646	0.0
19	TOTAL RATE DS RTP INCLUDING RIDERS		36	304,820		26,237	100.0	2,621	10.0	0	26,237	10.0

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	TT RTP	TIME OF DAY SERVICE AT										
2		TRANSMISSION VOLTAGE										
3	CUSTOMER CHARGE:											
4	BILLS (Real-Time Pricing)		24		\$183.00	4,392	1.0	0	0.0		4,392	0.0
5	TOTAL CUSTOMER CHARGE					4,392	1.0	0	0.0		4,392	0.0
6	ENERGY CHARGE:											
7	ALL KWH			13,080,334	0.002008	26,265	6.3	58,391	222.3		26,265	222.3
8	ANCILLARY SERVICES			13,080,334	0.000721	9,431	2.2	(9,431)	(100.0)		9,431	(100.0)
9	COMMODITY CHARGES			13,080,334	0.029268	382,835	91.3	0	0.0	0	382,835	0.0
10	TOTAL ENERGY			13,080,334		418,531	99.8	48,960	11.7	0	418,531	11.7
11	TOTAL RATE TT RTP EXCLUDING RIDERS		24	13,080,334		422,923	100.9	48,960	11.6	0	422,923	11.6
12	RIDERS:											
13	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.000183	2,394	0.6	0	0.0		2,394	0.0
14	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0	0	0.0		0	0.0
15	FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)				0.000000	0	0.0	0	0.0		0	0.0
16	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(5,965)	(1.4)	0	0.0		(5,965)	0.0
17	TOTAL RIDERS					(3,571)	(0.9)	0	0.0	0	(3,571)	0.0
18	TOTAL RATE TT RTP INCLUDING RIDERS		24	13,080,334		419,352	100.0	48,960	11.7	0	419,352	11.7

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

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WITNESS RESPONSIBLE:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(1A)	CURRENT REVENUE LESS FUEL COST	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV (F - K)	% INCR IN REV LESS FUEL COST REV (M / K)	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
	(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	SL	STREET LIGHTING -- CO OWNED & MAINTAINED										
2		OVERHEAD DISTRIBUTION:										
3		MERCURY VAPOR :										
4	7,000	LUMEN	67,685	4,529,255	7.11	481,240	36.0	57,533	12.0	4,657	485,897	11.8
5	7,000	LUMEN (OPEN)	61	4,336	5.94	362	0.0	44	12.2	4	366	12.0
6	7,000	LUMEN (4)	36	2,409	11.45	412	0.0	50	12.1	2	414	12.1
7	7,000	LUMEN (5)	560	37,473	11.51	6,446	0.5	767	11.9	39	6,485	11.8
8	7,000	LUMEN (6)	119	7,963	12.38	1,473	0.1	176	11.9	8	1,481	11.9
9	7,000	LUMEN (8A)	132	8,833	14.12	1,864	0.1	222	11.9	9	1,873	11.9
10	10,000	LUMEN	2,199	209,638	8.21	18,054	1.4	2,155	11.9	215	18,269	11.8
11	10,000	LUMEN (5)	7	667	12.61	88	0.0	11	12.5	1	89	12.4
12	21,000	LUMEN	9,600	1,431,200	10.99	105,504	7.9	12,576	11.9	1,471	106,975	11.8
13	21,000	LUMEN (5)	132	19,679	15.39	2,031	0.2	242	11.9	20	2,051	11.8
14	21,000	LUMEN (6)	132	19,679	16.26	2,146	0.2	256	11.9	20	2,166	11.8
15		METAL HALIDE:										
16	14,000	LUMEN	336	22,484	7.11	2,389	0.2	286	12.0	23	2,412	11.9
17	14,000	LUMEN (5)	48	3,212	11.51	552	0.0	66	12.0	3	555	11.9
18	14,000	LUMEN (6)	91	6,089	12.38	1,127	0.1	134	11.9	6	1,133	11.8
19	14,000	LUMEN (10)	12	803	11.51	138	0.0	17	12.3	1	139	12.2
20	20,500	LUMEN	168	16,016	8.21	1,379	0.1	165	12.0	16	1,395	11.8
21	20,500	LUMEN (6)	24	2,288	13.48	324	0.0	38	11.7	2	326	11.7
22	36,000	LUMEN	0	0	10.99	0	0.0	0	0.0	0	0	0.0
23		SODIUM VAPOR:										
24	9,500	LUMEN	19,202	779,281	7.87	151,120	11.3	18,050	11.9	801	151,921	11.9
25	9,500	LUMEN (OPEN)	120	4,870	5.91	709	0.1	84	11.8	5	714	11.8
26	9,500	LUMEN (4)	48	1,948	12.21	586	0.0	70	11.9	2	588	11.9
27	9,500	LUMEN (5)	685	27,800	12.27	8,405	0.6	1,000	11.9	29	8,434	11.9
28	9,500	LUMEN (6)	585	27,800	13.14	9,001	0.7	1,075	11.9	29	9,030	11.9
29	16,000	LUMEN	372	22,041	8.58	3,192	0.2	379	11.9	23	3,215	11.8
30	16,000	LUMEN (5)	12	711	12.98	156	0.0	18	11.5	1	157	11.5
31	16,000	LUMEN (6)	108	6,399	13.85	1,496	0.1	178	11.9	7	1,503	11.8
32	22,000	LUMEN	5,435	429,365	11.13	60,492	4.5	7,174	11.9	441	60,933	11.8
33	22,000	LUMEN (4)	36	2,844	15.47	557	0.0	66	11.8	3	560	11.8
34	22,000	LUMEN (5)	219	17,301	15.53	3,401	0.3	403	11.8	18	3,419	11.8
35	22,000	LUMEN (6)	72	5,688	16.40	1,181	0.1	140	11.9	6	1,187	11.8
36	22,000	LUMEN (8)	12	948	18.07	217	0.0	26	12.0	1	218	11.9
37	27,500	LUMEN	96	7,584	11.13	1,068	0.1	127	11.9	8	1,076	11.8
38	27,500	LUMEN (6)	12	948	16.40	197	0.0	23	11.7	1	198	11.6
39	50,000	LUMEN	10,369	1,692,739	14.95	155,017	11.6	18,456	11.9	1,740	156,757	11.8
40	50,000	LUMEN (5)	312	50,934	19.35	6,037	0.5	718	11.9	52	6,089	11.8
41	50,000	LUMEN (6)	619	101,052	20.22	12,516	0.9	1,492	11.9	104	12,620	11.8

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) WITH 17' WOOD LAMINATED POLE.  
(4) WITH 30' WOOD POLE.

(5) WITH 35' WOOD POLE.  
(6) WITH 40' WOOD POLE.  
(7) WITH 12' ALUM POLE.  
(8) WITH 28' ALUM POLE.  
(8A) WITH 28' ALUM POLE HEAVY GAUGE.

(9) WITH 30' ALUM POLE.  
(10) WITH 17' FIBERGLASS POLE.  
(11) WITH 12' FIBERGLASS POLE.  
(12) WITH 30' FIBERGLASS POLE.  
(13) WITH 35' FIBERGLASS POLE.



DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
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(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_ FORECASTED PERIOD  
TYPE OF FILING: \_X\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.2  
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WITNESS RESPONSIBLE:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES (D)	MOST CURRENT RATES(1A) (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS (F - K) (M)	% INCR IN REV LESS (M / K) (N)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (I)	TOTAL REVENUE % INCREASE (M / K) (O)
	(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(I)	(O)
				(KWH)	(SUMMT)	(S)	(%)	(S)	(%)	(S)	(S)	(%)
42	SL	STREET LIGHTING -- CO OWNED & MAINTAINED (CONTD.)										
43		OVERHEAD DISTRIBUTION (CONTD.):										
44		DECORATIVE SODIUM VAPOR:										
45		9,500 LUMEN RECTILINEAR	0	0	9.78	0	0.0	0	0.0	0	0	0.0
46		22,000 LUMEN RECTILINEAR	12	1,023	12.09	145	0.0	17	11.7	1	146	11.6
47		50,000 LUMEN RECTILINEAR	132	21,549	16.00	2,112	0.2	251	11.9	22	2,134	11.8
48		50,000 LUMEN RECTILINEAR (5)	180	29,385	20.40	3,672	0.3	436	11.9	30	3,702	11.8
49		50,000 LUMEN RECTILINEAR (6)	0	0	21.27	0	0.0	0	0.0	0	0	0.0
50		50,000 LUMEN SETBACK	216	35,262	23.79	5,139	0.4	611	11.9	36	5,175	11.8
51		50,000 LUMEN SETBACK (6)	36	5,877	29.06	1,046	0.1	125	12.0	6	1,052	11.9
52		TOTAL OVERHEAD	120,332	9,585,373		1,052,991	78.8	125,657	11.9	9,863	1,062,854	11.8
53		UNDERGROUND DISTRIBUTION:										
54		MERCURY VAPOR:										
55		7,000 LUMEN	60	4,370	7.24	434	0.0	52	12.0	4	438	11.9
56		7,000 LUMEN (OPEN)	0	0	5.94	0	0.0	0	0.0	0	0	0.0
57		7,000 LUMEN (4)	600	43,700	11.58	6,948	0.5	828	11.9	45	6,993	11.8
58		7,000 LUMEN (5)	12	874	11.64	140	0.0	16	11.4	1	141	11.3
59		7,000 LUMEN (8)	360	26,220	14.18	5,105	0.4	605	11.9	27	5,132	11.8
60		10,000 LUMEN	0	0	8.36	0	0.0	0	0.0	0	0	0.0
61		10,000 LUMEN (4)	84	8,505	12.70	1,067	0.1	127	11.9	9	1,076	11.8
62		10,000 LUMEN (8)	156	15,795	15.30	2,387	0.2	282	11.8	16	2,403	11.7
63		21,000 LUMEN	96	15,312	11.25	1,080	0.1	129	11.9	16	1,096	11.8
64		21,000 LUMEN (8)	132	21,054	18.19	2,401	0.2	285	11.9	22	2,423	11.8
65		METAL HALIDE:										
66		14,000 LUMEN	0	0	7.24	0	0.0	0	0.0	0	0	0.0
67		20,500 LUMEN	0	0	8.36	0	0.0	0	0.0	0	0	0.0
68		36,000 LUMEN	0	0	11.25	0	0.0	0	0.0	0	0	0.0
69		SODIUM VAPOR:										
70		9,500 LUMEN	0	0	7.87	0	0.0	0	0.0	0	0	0.0
71		9,500 LUMEN (6)	24	974	13.14	315	0.0	38	12.1	1	316	12.0
72		9,500 LUMEN (8)	588	23,863	14.81	8,708	0.7	1,035	11.9	25	8,733	11.9
73		9,500 LUMEN (10)	24	974	12.27	294	0.0	35	12.2	1	295	12.2
74		9,500 LUMEN (13)	12	487	16.47	198	0.0	23	11.6	1	199	11.6
75		9,500 LUMEN (OPEN)	0	0	5.99	0	0.0	0	0.0	0	0	0.0
76		16,000 LUMEN	0	0	8.55	0	0.0	0	0.0	0	0	0.0
77		16,000 LUMEN (6)	25	1,481	13.82	346	0.0	41	11.8	2	348	11.8
78		22,000 LUMEN	228	18,012	11.13	2,538	0.2	301	11.9	19	2,557	11.8
79		22,000 LUMEN (5)	60	4,740	15.53	932	0.1	110	11.8	5	937	11.7
80		22,000 LUMEN (8)	528	41,712	18.07	9,541	0.7	1,130	11.8	43	9,584	11.8
81		22,000 LUMEN (8A)	48	3,792	18.14	871	0.1	103	11.8	4	875	11.8
82		27,500 LUMEN	0	0	11.13	0	0.0	0	0.0	0	0	0.0
83		27,500 LUMEN (9)	252	19,808	24.99	6,297	0.5	749	11.9	20	6,317	11.9
84		50,000 LUMEN	336	54,852	14.95	5,023	0.4	598	11.9	56	5,079	11.8
85		50,000 LUMEN (8)	72	11,754	21.89	1,576	0.1	187	11.9	12	1,588	11.8
86		50,000 LUMEN (9)	132	21,549	28.81	3,803	0.3	453	11.9	22	3,825	11.8
87		DECORATIVE MERCURY VAPOR:										
88		7,000 LUMEN TOWN & COUNTRY	0	0	7.48	0	0.0	0	0.0	0	0	0.0
89		7,000 LUMEN TOWN & COUNTRY (3)	216	15,354	11.88	2,566	0.2	305	11.9	16	2,582	11.8
90		7,000 LUMEN TOWN & COUNTRY (10)	5,888	418,539	11.88	69,949	5.2	8,303	11.9	430	70,379	11.8
91		7,000 LUMEN HOLOPHANE	24	1,748	9.40	226	0.0	26	11.5	2	228	11.4
92		7,000 LUMEN HOLOPHANE (10)	1,909	139,039	13.80	26,344	2.0	3,131	11.9	143	26,487	11.8
93		7,000 LUMEN GAS REPLICAS (7)	96	6,992	33.45	3,211	0.2	382	11.9	7	3,218	11.9
94		7,000 LUMEN GRANVILLE	0	0	7.56	0	0.0	0	0.0	0	0	0.0
95		7,000 LUMEN GRANVILLE (7)	0	0	19.63	0	0.0	0	0.0	0	0	0.0
96		7,000 LUMEN ASPEN	24	1,748	13.61	327	0.0	39	11.9	2	329	11.9

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) WITH 17" WOOD LAMINATED POLE.

(4) WITH 30" WOOD POLE.

(5) WITH 35' WOOD POLE.

(6) WITH 40' WOOD POLE.

(7) WITH 12" ALUM POLE.

(8) WITH 28' ALUM POLE.

(8A) WITH 28" ALUM POLE HEAVY GAUGE.

(9) WITH 30' ALUM POLE.

(10) WITH 17" FIBERGLASS POLE.

(11) WITH 12" FIBERGLASS POLE.

(12) WITH 30" FIBERGLASS POLE.

(13) WITH 35" FIBERGLASS POLE.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.2  
PAGE 15 OF 20  
WITNESS RESPONSIBLE:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(1A)	CURRENT REVENUE LESS FUEL COST	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV	% INCR IN REV LESS FUEL COST REV	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
	(A)	(B)	(C)	(D)	(J)	(K)	(L)	(F - K)	(M / K)	(H)	(K1)	(O)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
97	SL	STREET LIGHTING -- CO OWNED & MAINTAINED (CONTD.)										
98		UNDERGROUND DISTRIBUTION (CONTD.):										
99		DECORATIVE METAL HALIDE:										
100	14,000	LUMEN TRADITIONAIRE	0	0	7.48	0	0.0	0	0.0	0	0	0.0
101	14,000	LUMEN TRADITIONAIRE (7)	60	4,265	19.45	1,167	0.1	139	11.9	4	1,171	11.9
102	14,000	LUMEN TRADITIONAIRE (10)	468	33,267	11.88	5,560	0.4	600	11.9	34	5,594	11.8
103	14,000	LUMEN GRANVILLE	0	0	13.61	0	0.0	0	0.0	0	0	0.0
104	14,000	LUMEN GRANVILLE (11)	0	0	26.48	0	0.0	0	0.0	0	0	0.0
105	14,000	LUMEN GAS REPLICA	0	0	21.57	0	0.0	0	0.0	0	0	0.0
106	14,500	LUMEN GAS REPLICA	0	0	21.57	0	0.0	0	0.0	0	0	0.0
107	14,500	LUMEN GAS REPLICA (7)	240	17,480	33.54	8,050	0.6	955	11.9	18	8,068	11.8
108	14,500	LUMEN GAS REPLICA (10)	60	4,370	25.97	1,558	0.1	185	11.9	4	1,562	11.8
109		DECORATIVE SODIUM VAPOR:										
110	9,500	LUMEN TOWN & COUNTRY	98	3,977	10.93	1,071	0.1	128	12.0	4	1,075	11.9
111	9,500	LUMEN TOWN & COUNTRY (10)	1,896	76,946	15.33	29,066	2.2	3,450	11.9	79	29,145	11.8
112	9,500	LUMEN HOLOPHANE	576	26,536	11.84	8,820	0.5	812	11.9	26	8,846	11.9
113	9,500	LUMEN HOLOPHANE (10)	312	13,832	16.24	5,057	0.4	602	11.9	14	5,081	11.8
114	9,500	LUMEN GAS REPLICA (7)	132	5,852	34.23	4,518	0.3	538	11.9	6	4,524	11.9
115	9,500	LUMEN GAS REPLICA (10)	12	532	26.66	320	0.0	38	11.9	1	321	11.8
116	9,500	LUMEN GAS REPLICA (11)	312	13,832	35.13	10,961	0.8	1,304	11.9	14	10,975	11.9
117	9,500	LUMEN ASPEN	888	39,368	13.79	12,246	0.9	1,456	11.9	40	12,286	11.9
118	9,500	LUMEN TRADITIONAIRE	0	0	10.93	0	0.0	0	0.0	0	0	0.0
119	9,500	LUMEN TRADITIONAIRE (10)	696	28,246	15.33	10,670	0.8	1,266	11.9	29	10,699	11.8
120	9,500	LUMEN GRANVILLE	0	0	13.79	0	0.0	0	0.0	0	0	0.0
121	9,500	LUMEN GRANVILLE (7)	0	0	25.76	0	0.0	0	0.0	0	0	0.0
122	9,500	LUMEN GRANVILLE (10)	0	0	18.19	0	0.0	0	0.0	0	0	0.0
123	9,500	LUMEN GRANVILLE (11)	0	0	26.66	0	0.0	0	0.0	0	0	0.0
124	22,000	LUMEN RECTILINEAR	0	0	12.15	0	0.0	0	0.0	0	0	0.0
125	22,000	LUMEN RECTILINEAR (12)	169	14,407	20.53	3,470	0.3	412	11.9	15	3,485	11.8
126	50,000	LUMEN RECTILINEAR	0	0	16.06	0	0.0	0	0.0	0	0	0.0
127	50,000	LUMEN RECTILINEAR (12)	36	5,877	24.44	880	0.1	105	11.9	6	886	11.9
128	50,000	LUMEN RECTILINEAR (13)	204	33,303	24.66	5,031	0.4	597	11.9	34	5,065	11.8
129	50,000	LUMEN SETBACK	0	0	23.79	0	0.0	0	0.0	0	0	0.0
130		TOTAL UNDERGROUND	18,145	1,244,438		269,082	20.2	31,961	11.9	1,279	270,361	11.8
131		RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH) :										
132		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0	0	0	0.0
133		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0	0	0	0.0
134		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0	0	0	0.0
135		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(4,943)	(0.4)	0	0.0	0	(4,943)	0.0
136		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(4,943)	(0.4)	0	0.0	0	(4,943)	0.0
137		ADD'L FACILITIES CHARGE:										
138		OVERHEAD	5,647		0.52	2,936	0.2	339	11.5		2,936	11.5
139		UNDERGROUND	20,991		0.75	15,743	1.2	1,889	12.0		15,743	12.0
140		TOTAL ADD'L FACILITIES CHG	26,638			18,679	1.4	2,228	11.9	0	18,679	11.9
141		TOTAL RATE SLI INCLUDING RIDERS	138,477	10,839,811		1,335,809	100.0	159,846	12.0	11,142	1,346,951	11.9

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.022837 PER KWH.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) WITH 17' WOOD LAMINATED POLE.  
(4) WITH 30' WOOD POLE.

(5) WITH 35' WOOD POLE.  
(6) WITH 40' WOOD POLE.  
(7) WITH 12' ALUM POLE.  
(8) WITH 28' ALUM POLE.  
(8A) WITH 28' ALUM POLE HEAVY GAUGE.

(9) WITH 30' ALUM POLE.  
(10) WITH 17' FIBERGLASS POLE.  
(11) WITH 12' FIBERGLASS POLE.  
(12) WITH 30' FIBERGLASS POLE.  
(13) WITH 35' FIBERGLASS POLE.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S).:  
12 Months Projected with Riders

SCHEDULE M-2.2  
PAGE 16 OF 20  
WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	TL	TRAFFIC LIGHTING SERVICE										
2												
3		(A) WHERE COMPANY										
4		SUPPLIES ENERGY ONLY (3):										
5		ALL CONSUMPTION	76,092	681,336	0.038066	25,936	37.0	3,082	11.9	700	26,636	11.6
6		(B) WHERE COMPANY										
7		SUPPLIES ENERGY FROM A										
8		SEPARATELY METERED SOURCE										
9		AND PROVIDES LIMITED										
10		MAINTENANCE:										
11		ALL CONSUMPTION	0	0	0.021078	0	0.0	0	0.0	0	0	0.0
12		(B) WHERE COMPANY										
13		SUPPLIES ENERGY AND										
14		PROVIDES LIMITED										
15		MAINTENANCE (3):										
16		ALL CONSUMPTION	18,876	758,460	0.059145	44,859	63.9	5,331	11.9	780	45,639	11.7
17		TOTAL RATE TL EXCLUDING RIDERS	94,968	1,439,796		70,795	100.9	8,413	11.9	1,480	72,275	11.6
18		RIDERS NOT INCLUDED IN RATES ABOVE:										
19		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
20		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
21		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0		0	0.0
22		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(657)	(0.9)	0	0.0		(657)	0.0
23		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(657)	(0.9)	0	0.0		(657)	0.0
24		TOTAL RATE TL INCLUDING RIDERS	94,968	1,439,796		70,138	100.0	8,413	12.0	1,480	71,618	11.7

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.2  
PAGE 17 OF 20  
WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(3)	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV	% INCR IN REV LESS FUEL COST REV	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE	TOTAL REVENUE	% INCREASE
			(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(\$)	(%)	
1	UOLS UNMETERED OUTDOOR LIGHTING SERV												
2	BASE RATE		91,004	5,388,585	0.037481	201,970	101.2	24,006	11.9	5,539	207,509	11.6	
3	RIDERS NOT INCLUDED IN RATES ABOVE:												
4	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0	0	0.0		0	0.0	
5	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)				0.000000	0	0.0	0	0.0		0	0.0	
6	FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)				0.000000	0	0.0	0	0.0		0	0.0	
7	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(2,457)	(1.2)	0	0.0		(2,457)	0.0	
8	TOTAL RIDERS NOT INCLUDED IN RATES ABOVE					(2,457)	(1.2)	0	0.0		(2,457)	0.0	
9	TOTAL RATE UOLS INCLUDING RIDERS		91,004	5,388,585		199,513	100.0	24,006	12.0	5,539	205,052	11.7	

(1) THESE FIGURES REPRESENT NUMBER OF UNIYS BILLED.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ \_\_\_ UPDATED \_\_\_ \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.2  
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WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(3)	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV (F - K)	% INCR IN REV LESS FUEL COST REV (M / K)	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
	(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	NSU NON STANDARD STREET LIGHT UNITS											
2	(A) COMPANY OWNED											
3	(1) BOULEVARD INCANDESCENT(UG):											
4	2,500	LUMEN SERIES	0	0	9.22	0	0.0	0	0.0	0	0	0.0
5	2,500	LUMEN MULTIPLE	144	9,432	7.16	1,031	1.7	122	0.0	10	1,041	0.0
6	(2) HOLOPHANE DECORATIVE:											
7	10,000	LUMEN MV W										
8	17'	FIBERGLASS POLE	372	37,665	16.79	6,246	10.1	744	11.9	39	6,285	11.8
9	(3) STREET LGT UNITS (OH)											
10	2,500	LUMEN INCANDESCENT	372	24,366	7.10	2,641	4.3	313	11.9	25	2,666	11.7
11	2,500	LUMEN MERCURY VAPOR	7,008	264,552	6.72	47,094	76.4	5,606	11.9	271	47,365	11.8
12	21,000	LUMEN MERCURY VAPOR	408	65,076	10.66	4,349	7.1	518	11.9	67	4,416	11.7
13	TOTAL COMPANY OWNED		8,304	401,091		61,361	99.6	7,303	11.9	412	61,773	11.8
14	(B) CUSTOMER OWNED WITH LTD MAINT											
15	(1) BOULEVARD INCANDESCENT(UG):											
16	2,500	LUMEN SERIES	0	0	5.44	0	0.0	0	0.0	0	0	0.0
17	2,500	LUMEN MULTIPLE	60	3,930	6.92	415	0.7	49	0.0	4	419	0.0
18	TOTAL CUSTOMER OWNED		60	3,930		415	0.7	49	11.8	4	419	11.7
19	TOTAL RATE NSU EXCLUDING RIDERS		8,364	405,021		61,776	100.3	7,352	11.9	416	62,192	11.8
20	RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):											
21	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0	0	0.0		0	0.0
22	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)				0.000000	0	0.0	0	0.0		0	0.0
23	FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)				0.000000	0	0.0	0	0.0		0	0.0
24	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(185)	(0.3)	0	0.0		(185)	0.0
25	TOTAL RIDERS NOT INCLUDED IN RATES ABOVE					(185)	(0.3)	0	0.0		(185)	0.0
26	TOTAL RATE NSU INCLUDING RIDERS		8,364	405,021		61,591	100.0	7,352	11.9	416	62,007	11.9

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL CDMPOENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_ X FORECASTED PERIOD  
TYPE OF FILING: \_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.2  
PAGE 19 OF 20  
WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(3)	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV	% INCR IN REV LESS FUEL COST REV	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE	TOTAL REVENUE % INCREASE
	(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K+H)	(M / K1)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	SC	STREET LIGHTING -										
2		CUST OWNED/LTD MAINT										
3		STANDARD UNIT-COBRAHEAD										
4		MERCURY VAPOR -										
5		7,000 LUMEN	0	0	4.19	0	0.0	0	0.0	0	0	0.0
6		10,000 LUMEN	0	0	5.33	0	0.0	0	0.0	0	0	0.0
7		21,000 LUMEN	0	0	7.40	0	0.0	0	0.0	0	0	0.0
8		METAL HALIDE -										
9		14,000 LUMEN	0	0	4.19	0	0.0	0	0.0	0	0	0.0
10		20,500 LUMEN	0	0	5.33	0	0.0	0	0.0	0	0	0.0
11		36,000 LUMEN	0	0	7.40	0	0.0	0	0.0	0	0	0.0
12		SODIUM VAPOR-										
13		9,500 LUMEN	0	0	5.04	0	0.0	0	0.0	0	0	0.0
14		16,000 LUMEN	0	0	5.62	0	0.0	0	0.0	0	0	0.0
15		22,900 LUMEN	0	0	6.17	0	0.0	0	0.0	0	0	0.0
16		27,500 LUMEN	0	0	6.17	0	0.0	0	0.0	0	0	0.0
17		50,000 LUMEN	0	0	8.36	0	0.0	0	0.0	0	0	0.0
18		DECORATIVE UNITS:										
19		7,000 LUMEN MERCURY VAPOR-										
20		HOLOPHANE	0	0	5.32	0	0.0	0	0.0	0	0	0.0
21		TOWN & COUNTRY	0	0	5.27	0	0.0	0	0.0	0	0	0.0
22		GAS REPLICA	0	0	6.32	0	0.0	0	0.0	0	0	0.0
23		ASPEN	0	0	5.32	0	0.0	0	0.0	0	0	0.0
24		14,000 LUMEN METAL HALIDE-										
25		TRADITIONAIRE	0	0	5.27	0	0.0	0	0.0	0	0	0.0
26		GRANVILLE ACORN	0	0	5.32	0	0.0	0	0.0	0	0	0.0
27		GAS REPLICA	0	0	5.32	0	0.0	0	0.0	0	0	0.0
28		9,500 LUMEN SODIUM VAPDR-										
29		TOWN & COUNTRY	0	0	4.96	0	0.0	0	0.0	0	0	0.0
30		TRADITIONAIRE	0	0	4.96	0	0.0	0	0.0	0	0	0.0
31		GRANVILLE ACORN	0	0	5.18	0	0.0	0	0.0	0	0	0.0
32		RECTILINEAR	0	0	4.96	0	0.0	0	0.0	0	0	0.0
33		ASPEN	0	0	5.18	0	0.0	0	0.0	0	0	0.0
34		HOLOPHANE	0	0	5.18	0	0.0	0	0.0	0	0	0.0
35		GAS REPLICA	0	0	5.18	0	0.0	0	0.0	0	0	0.0
36		SODIUM VAPOR -										
37		22,000 LUMEN (RECTILINEAR)	0	0	6.54	0	0.0	0	0.0	0	0	0.0
38		50,000 LUMEN (RECTILINEAR)	0	0	8.65	0	0.0	0	0.0	0	0	0.0
39		CUST OWNED/CUST MAINT										
40		ENERGY ONLY	2,064	97,596	0.037481	3,658	101.2	435	11.9	100	3,758	11.6
41		TOTAL RATE SC EXCLUDING RIDERS	2,064	97,596		3,658	101.2	435	11.9	100	3,758	11.6
42		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):										
43		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0		0	0.0
44		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
45		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0		0	0.0
46		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(45)	(1.2)	0	0.0		(45)	0.0
47		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(45)	(1.2)	0	0.0		(45)	0.0
48		TOTAL RATE SC INCLUDING RIDERS	2,064	97,596		3,613	100.0	435	12.0	100	3,713	11.7

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S).:  
12 Months Projected with Riders

SCHEDULE M-2.2  
PAGE 20 OF 20  
WITNESS:  
B. L. SAILERS

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(3)	CURRENT REVENUE LESS FUEL COST	% OF REV TO TOTAL LESS FUEL COST	REVENUE INCR LESS FUEL COST REV	% INCR IN REV LESS FUEL COST REV	FUEL COST REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
	(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	SE	STREET LIGHTING -										
2		OVERHEAD EQUIVALENT RATE										
3		MERCURY VAPOR 7,000 LUMEN:										
4		TOWN & COUNTRY	6,816	484,504	7.29	49,689	26.2	5,930	11.9	497	50,186	11.8
5		HOLOPHANE	2,328	169,556	7.32	17,041	9.0	2,025	11.9	174	17,215	11.8
6		GAS REPLICA	696	50,692	7.32	5,095	2.7	605	11.9	52	5,147	11.8
7		ASPEN	132	9,614	7.32	966	0.5	115	11.9	10	976	11.8
8		METAL HALIDE 14,000 LUMEN:										
9		TRADITIONAIRE	3,144	223,486	7.29	22,920	12.1	2,735	11.9	230	23,150	11.8
10		GRANVILLE ACORN	0	0	7.32	0	0.0	0	0.0	0	0	0.0
11		GAS REPLICA	588	42,826	7.32	4,304	2.3	512	11.9	44	4,348	11.8
12		SODIUM VAPOR 9,500 LUMEN:										
13		TOWN & COUNTRY	3,192	129,542	7.95	25,376	13.4	3,001	11.8	133	25,509	11.8
15		HOLOPHANE	2,364	104,804	8.05	19,030	10.0	2,270	11.9	108	19,138	11.9
16		RECTILINEAR	972	39,447	7.95	7,727	4.1	914	11.8	41	7,768	11.8
17		GAS REPLICA	1,272	56,392	8.04	10,227	5.4	1,221	11.9	58	10,285	11.9
19		ASPEN	2,580	114,380	8.04	20,743	10.9	2,477	11.9	118	20,861	11.9
14		TRADITIONAIRE	0	0	7.95	0	0.0	0	0.0	0	0	0.0
18		GRANVILLE ACORN	156	6,916	8.04	1,254	0.7	150	12.0	7	1,261	11.9
20		SODIUM VAPOR:										
21		22,000 LUMEN (RECTILINEAR)	480	40,920	11.42	5,482	2.9	652	11.9	42	5,524	11.8
22		50,000 LUMEN (RECTILINEAR)	24	3,918	15.11	363	0.2	43	11.8	4	367	11.7
23		50,000 LUMEN (SETBACK)	0	0	15.11	0	0.0	0	0.0	0	0	0.0
24		TOTAL RATE SE EXCLUDING RIDERS	24,744	1,476,997		190,217	100.4	22,650	11.9	1,518	191,735	11.8
25		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):										
26		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0.0	0	0	0.0
27		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0	0	0	0.0
28		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0.0	0	0	0.0
29		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(674)	(0.4)	0	0.0	(674)	(674)	0.0
30		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(674)	(0.4)	0	0.0	(674)	(674)	0.0
31		TOTAL RATE SE INCLUDING RIDERS	24,744	1,476,997		189,543	100.0	22,650	11.9	1,518	191,061	11.9

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: X\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 1 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
<u>RESIDENTIAL</u>									
1	RS	RESIDENTIAL SERV	1,534,899	1,483,760,953	10.3129	153,019,000	100.00	1,525,306	154,544,306
2	TOTAL RESIDENTIAL		1,534,899	1,483,760,953	10.3129	153,019,000	41.41	1,525,306	154,544,306
<u>DISTRIBUTION</u>									
3	DS	DISTRIBUTION SERV	158,808	1,126,916,760	9.2617	104,371,246	53.46	1,158,470	105,529,716
4	DT-PRI	TIME OF DAY	444	499,861,812	7.0637	35,308,927	18.09	513,858	35,822,785
5	DT-SEC	TIME OF DAY	1,793	692,941,090	7.6487	53,000,922	27.15	712,343	53,713,265
6	EH	ELEC SPACE HEATING	504	9,862,331	7.3624	726,106	0.37	10,138	736,244
7	SP	SPORTS SERV	180	269,414	12.0139	32,367	0.02	277	32,644
8	GSFL	SMALL FIXED LOADS	540	6,264,122	10.9130	683,605	0.35	6,440	690,045
9	DP	PRIMARY VOLTAGE	120	13,092,910	8.4680	1,108,710	0.57	13,460	1,122,170
10	TOTAL DISTRIBUTION		162,389	2,349,208,439	8.3105	195,231,883	52.84	2,414,986	197,646,869
<u>TRANSMISSION</u>									
11	TT	TIME OF DAY	156	216,753,136	6.4276	13,932,012	100.00	222,822	14,154,834
12	TOTAL TRANSMISSION		156	216,753,136	6.4276	13,932,012	3.77	222,822	14,154,834
<u>REAL TIME PRICING</u>									
13	DT-RTP PRI	REAL TIME PRICING	0	0	-	0	0.00	0	0
14	DT-RTP SEC	REAL TIME PRICING	24	4,181,575	4.2862	179,232	26.50	0	179,232
15	DS-RTP	REAL TIME PRICING	36	304,820	9.4672	28,858	4.27	0	28,858
16	TT-RTP	REAL TIME PRICING	24	13,080,334	3.5803	468,312	69.24	0	468,312
17	TOTAL REAL TIME PRICING		84	17,566,729	3.8505	676,402	0.18	0	676,402
<u>LIGHTING</u>									
18	SL	STREET LIGHTING	138,477	10,839,811	13.7978	1,495,655	71.81	11,143	1,506,798
19	TL	TRAFFIC LIGHTING	94,968	1,439,796	5.4557	78,551	3.77	1,480	80,031
20	UOLS	UNMTRD OUTDR LIGHT	91,004	5,388,585	4.1480	223,519	10.73	5,539	229,058
21									
22	NSU	NON STD STREET LIGHT	8,364	405,021	17.0221	68,943	3.31	416	69,359
23									
24	SC	CUST OWNED STREET LIGHTING	2,064	97,596	4.1477	4,048	0.19	100	4,148
25	SE	OVR HD EQUIV STREET LIGHTING	24,744	1,476,997	14.3665	212,193	10.19	1,518	213,711
26	TOTAL LIGHTING		359,621	19,647,806	10.6012	2,082,909	0.56	20,196	2,103,105
<u>OTHER MISC REVENUE</u>									
27	ID01	INTERDEPARTMENTAL	12	715,514	7.1300	51,037	1.11	736	51,773
28		PJM AND TRANSMISSION	0	0	-	2,837,250	61.73	0	2,837,250
29		BAD CHECK CHARGES	0	0	-	24,156	0.53	0	24,156
30		RECONNECTION CHGS	0	0	-	198,096	4.31	0	198,096
31		POLE AND LINE ATTACHMENTS	0	0	-	230,180	5.01	0	230,180
32		RENTS	0	0	-	1,058,004	23.02	0	1,058,004
33	WS	SPECIAL CONTRACTS	132	138,888	5.4600	7,579	0.16	143	7,722
34		OTHER MISC	0	0	-	189,760	4.13	0	189,760
35	TOTAL MISC REVENUE		144	854,402		4,596,062	1.24	879	4,596,941
36	TOTAL		2,057,293	4,087,791,465	9.0400	369,538,268	100.00	4,184,189	373,722,457

(1) DETAIL CONTAINED ON SCHEDULES M-2.3 PAGES 2 THROUGH 23.



DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 2 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	RS	RESIDENTIAL							
2		CUSTOMER CHARGE:							
3		BILLS	1,534,899		\$11.22	17,221,567	11.3		17,221,567
4		ENERGY CHARGE (3):							
5		ALL KWH		1,483,760,953	0.083908	124,499,414	81.3		124,499,414
6		TOTAL RATE RS EXCLUDING RIDERS	1,534,899	1,483,760,953		141,720,981	92.6		141,720,981
7		RIDERS:							
8		HOME ENERGY ASSISTANCE (HEA)			\$0.10	153,490	0.1		153,490
9		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.007967	11,821,124	7.7		11,821,124
10		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
11		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
12		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028		0.0	1,525,306	1,525,306
13		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0		0
14		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(676,595)	(0.4)		(676,595)
15		TOTAL RIDERS				11,298,019	7.4	1,525,306	12,823,325
16		TOTAL RATE RS INCLUDING RIDERS	1,534,899	1,483,760,953		153,019,000	100.0	1,525,306	154,544,306

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_ X FORECASTED PERIOD  
TYPE OF FILING: \_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.3  
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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(\$)
1	DS	SERVICE AT SECONDARY DISTRIBUTION VOLTAGE							
2									
3		CUSTOMER CHARGE:							
4		LOAD MANAGEMENT RIDER - NON-INTERVAL	1,817		\$5.00	9,085	0.0		9,085
5		LOAD MANAGEMENT RIDER - INTERVAL	12		\$5.00	60	0.0		60
6		SINGLE PHASE	85,484		\$17.14	1,465,196	1.4		1,465,196
7		THREE PHASE	73,324		\$34.28	2,513,547	2.4		2,513,547
8		TOTAL CUSTOMER CHARGE	158,808			3,987,888	3.8		3,987,888
9		DEMAND CHARGE:							
10		FIRST 15 KW		1,407,151	\$0.00	0	0.0		0
11		ADDITIONAL KW		2,525,026	\$8.73	22,043,477	21.1		22,043,477
12		TOTAL DEMAND		3,932,177		22,043,477	21.1		22,043,477
13		ENERGY CHARGE (3):							
14		FIRST 6000 KWH		370,329,117	0.091917	34,039,541	32.6		34,039,541
15		NEXT 300KWH/KW		633,333,732	0.056425	35,735,856	34.3		35,735,856
16		ADDITIONAL KWH		120,829,252	0.046204	5,582,795	5.3		5,582,795
17		NON-CHURCH "CAP" RATE		1,797,592	0.271528	488,097	0.5		488,097
18		CHURCH CAP RATE		627,067	0.166694	104,528	0.1		104,528
19		TOTAL ENERGY		1,126,916,760		75,950,817	72.8		75,950,817
20		TOTAL RATE DS EXCLUDING RIDERS	158,808	1,126,916,760		101,982,182	97.7		101,982,182
21		RIDERS:							
22		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	2,902,938	2.8		2,902,938
23		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
24		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			\$0.00	0	0.0		0
25		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			1,158,470	1,158,470
26		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0		0
27		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(513,874)	(0.5)		(513,874)
28		TOTAL RIDERS				2,389,064	2.3	1,158,470	3,547,534
29		TOTAL RATE DS INCLUDING RIDERS	158,808	1,126,916,760		104,371,246	100.0	1,158,470	105,529,716

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 4 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWK/WH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(\$)
1	DT-PRI	TIME OF DAY PRIMARY							
2	SUMMER:								
3	CUSTOMER CHARGE:								
4	PRIMARY VOLTAGE		148		\$465.00	68,820	0.2		68,820
5	TOTAL CUSTOMER CHARGE		148			68,820	0.2		68,820
6	DEMAND CHARGE:								
7	ON PEAK KW			329,055	\$14.39	4,735,101	13.4		4,735,101
8	OFF PEAK KW			16,487	\$1.30	21,433	0.1		21,433
9	SUB-TOTAL			345,542		4,756,534	13.5		4,756,534
10	PRIMARY SERV. DIS.								
11	FIRST 1000 KW			131,070	(\$0.73)	(95,681)	(0.3)		(95,681)
12	ADDITIONAL KW			214,474	(\$0.56)	(120,105)	(0.3)		(120,105)
13	TOTAL DEMAND			345,544		4,540,748	12.9		4,540,748
14	ENERGY CHARGE (3):								
15	ON PEAK KWH			50,128,540	0.049875	2,500,161	7.1		2,500,161
16	OFF PEAK KWH			126,703,003	0.040844	5,175,057	14.6		5,175,057
17	TOTAL SUMMER		148	176,831,543		12,284,786	34.8		12,284,786
18	WINTER:								
19	CUSTOMER CHARGE:								
20	PRIMARY VOLTAGE		296		\$465.00	137,640	0.4		137,640
21	TOTAL CUSTOMER CHARGE		296			137,640	0.4		137,640
22	DEMAND CHARGE:								
23	ON PEAK KW			616,258	\$13.62	8,393,434	23.8		8,393,434
24	OFF PEAK KW			41,942	\$1.30	54,525	0.2		54,525
25	SUB-TOTAL			658,200		8,447,959	24.0		8,447,959
26	PRIMARY SERV. DIS.								
27	FIRST 1000 KW			272,457	(\$0.73)	(198,894)	(0.6)		(198,894)
28	ADDITIONAL KW			385,743	(\$0.56)	(216,016)	(0.6)		(216,016)
29	TOTAL DEMAND			658,200		8,033,049	22.8		8,033,049
30	ENERGY CHARGE (3):								
31	ON PEAK KWH			88,637,348	0.047612	4,220,201	12.0		4,220,201
32	OFF PEAK KWH			234,392,921	0.040844	9,573,544	27.0		9,573,544
33	TOTAL WINTER		296	323,030,269		21,964,434	62.2		21,964,434
34	TOTAL RATE DT PRIMARY EXCLUDING RIDERS		444	499,861,812		34,249,220	97.0		34,249,220
35	RIDERS:								
36	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.002576	1,287,644	3.6		1,287,644
37	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0		0
38	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)				0.00	0	0.0		0
39	FUEL ADJUSTMENT CLAUSE (FAC)				0.001028			513,858	513,858
40	FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)				0.000000	0	0.0		0
41	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(227,937)	(0.6)		(227,937)
42	TOTAL RIDERS					1,059,707	3.0	513,858	1,573,565
43	TOTAL RATE DT PRIMARY INCLUDING RIDERS		444	499,861,812		35,308,927	100.0	513,858	35,822,785

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.  
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_ FORECASTED PERIOD  
TYPE OF FILING: \_X\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(\$)
1		DT-SEC TIME OF DAY SECONDARY							
2		SUMMER:							
3		CUSTOMER CHARGE:							
4		SINGLE PHASE	0		\$200.00	0	0.0		0
5		THREE PHASE	596		\$400.00	238,400	0.4		238,400
6		TOTAL CUSTOMER CHARGE	596			238,400	0.4		238,400
7		DEMAND CHARGE:							
8		ON PEAK KW		525,300	\$14.39	7,559,067	14.3		7,559,067
9		OFF PEAK KW		12,144	\$1.30	15,787	0.0		15,787
10		TOTAL DEMAND		537,444		7,574,854	14.3		7,574,854
11		ENERGY CHARGE (3):							
12		ON PEAK KWH		77,233,253	0.049875	3,852,008	7.3		3,852,008
13		OFF PEAK KWH		169,204,670	0.040844	6,910,996	13.0		6,910,996
14		TOTAL SUMMER	596	246,437,923		18,576,258	35.0		18,576,258
15		WINTER:							
16		CUSTOMER CHARGE:							
17		SINGLE PHASE	0		\$200.00	0	0.0		0
18		THREE PHASE	1,197		\$400.00	478,800	0.9		478,800
19		TOTAL CUSTOMER CHARGE	1,197			478,800	0.9		478,800
20		DEMAND CHARGE:							
21		ON PEAK KW		975,930	\$13.62	13,292,167	25.0		13,292,167
22		OFF PEAK KW		23,138	\$1.30	30,079	0.1		30,079
23		TOTAL DEMAND		999,068		13,322,246	25.1		13,322,246
24		ENERGY CHARGE (3):							
25		ON PEAK KWH		135,580,380	0.047612	6,455,253	12.2		6,455,253
26		OFF PEAK KWH		310,922,787	0.040844	12,699,330	24.0		12,699,330
27		TOTAL WINTER	1,197	446,503,167		32,955,629	62.2		32,955,629
28		TOTAL RATE DT SECONDARY EXCLUDING RIDERS	1,793	692,941,090		51,531,887	97.2		51,531,887
29		RIDERS:							
30		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	1,785,016	3.4		1,785,016
31		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
32		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0		0
33		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			712,343	712,343
34		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0		0
35		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(315,981)	(0.6)		(315,981)
36		TOTAL RIDERS				1,469,035	2.8	712,343	2,181,378
37		TOTAL RATE DT SECONDARY INCLUDING RIDERS	1,793	692,941,090		53,000,922	100.0	712,343	53,713,265

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.3  
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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KW/KWH)	(\$/KWH) (\$/KW)	(\$)	(%)	(\$)	(\$)
1	EH	OPTIONAL RATE FOR							
2		ELEC. SPACE HEATING							
3		CUSTOMER CHARGE:							
4		SINGLE PHASE	112		\$17.14	1,920	0.3		1,920
5		THREE PHASE	392		\$34.28	13,438	1.8		13,438
6		PRIMARY VOLTAGE	0		\$118.78	0	0.0		0
7		TOTAL CUSTOMER CHARGE	504			15,358	2.1		15,358
8		DEMAND CHARGE:							
9		ALL KW		39,432	\$0.00	0	0.0		0
10		ENERGY CHARGE (3):							
11		ALL KWH		9,862,331	0.069947	689,840	95.0		689,840
12		TOTAL RATE EH EXCLUDING RIDERS	504	9,862,331		705,198	97.1		705,198
13		RIDERS:							
14		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	25,405	3.5		25,405
15		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
16		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
17		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028		0.0	10,138	10,138
18		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0		0
19		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(4,497)	(0.6)		(4,497)
20		TOTAL RIDERS				20,908	2.9	10,138	31,046
21		TOTAL RATE EH INCLUDING RIDERS	504	9,862,331		726,106	100.0	10,138	736,244

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.3  
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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	SP	SEASONAL SPORTS SERVICE							
2		MINIMUM BILLS (4)	0			0	0.0		0
3		CUSTOMER CHARGE	180		\$17.14	3,085	9.5		3,085
4		ENERGY CHARGE (3):							
5		ALL CONSUMPTION		269,414	0.106568	28,711	88.7		28,711
6		TOTAL RATE SP EXCLUDING RIDERS	180	269,414		31,796	98.2		31,796
7		RIDERS:							
8		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	694	2.2		694
9		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
10		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
11		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			277	277
12		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0		0
13		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(123)	(0.4)		(123)
14		TOTAL RIDERS				571	1.8	277	848
15		TOTAL RATE SP INCLUDING RIDERS	180	269,414		32,367	100.0	277	32,644
16	GS-FL	SMALL FIXED LOADS							
17		MINIMUM BILLS	540		\$3.14	1,696	0.2		1,696
18		BASE RATE (3):							
19		LOAD RANGE 540 TO 720 HRS		12,244	0.092698	1,135	0.2		1,135
20		LOAD RANGE LESS THAN 540 HRS		6,261,878	0.106767	667,494	97.6		667,494
21		TOTAL RATE GS-FL EXCLUDING RIDERS	540	6,264,122		670,325	98.1		670,325
22		RIDERS:							
23		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	16,136	2.3		16,136
24		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
25		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
26		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			6,440	6,440
27		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0		0
28		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(2,856)	(0.4)		(2,856)
29		TOTAL RIDERS				13,280	1.9	6,440	19,720
30		TOTAL RATE GS-FL INCLUDING RIDERS	540	6,264,122		683,605	100.0	6,440	690,045

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(4) 1.5% OF INSTALLED TRANSFORMER AND METERING COSTS BUT NOT LESS THAN CUSTOMER CHARGE WHETHER SERVICE IS ON OR DISCONNECTED.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S).:  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.3  
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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWK/KWH)	(\$/KWH) (\$/KW)	(\$)	(%)	(\$)	(\$)
1	DP	SERVICE AT PRIMARY DISTRIBUTION VOLTAGE							
2									
3		CUSTOMER CHARGE:							
4		LOAD MANAGEMENT RIDER	24		\$5.00	120	0.0		120
5		PRIMARY VOLTAGE	120		\$118.78	14,254	1.3		14,254
6		TOTAL CUSTOMER CHARGE	120			14,374	1.3		14,374
7		DEMAND CHARGE:							
8		ALL KW		35,212	\$8.40	295,781	26.7		295,781
9		TOTAL DEMAND		35,212		295,781	26.7		295,781
10		ENERGY CHARGE (3):							
11		FIRST 300KWH/KW		10,138,574	0.060595	614,347	55.4		614,347
12		ADDITIONAL KWH		2,933,092	0.051267	150,371	13.6		150,371
13		CAP RATE KWH		21,244	0.286198	6,080	0.5		6,080
14		TOTAL ENERGY		13,092,910		770,798	69.5		770,798
15		TOTAL RATE DP EXCLUDING RIDERS	120	13,092,910		1,080,953	97.5		1,080,953
16		RIDERS:							
17		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	33,727	3.0		33,727
18		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
19		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0		0
20		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			13,460	13,460
21		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0		0
22		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(5,970)	(0.5)		(5,970)
23		TOTAL RIDERS				27,757	2.5	13,460	41,217
24		TOTAL RATE DP INCLUDING RIDERS	120	13,092,910		1,108,710	100.0	13,460	1,122,170

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN RATE DATES OF \$0.000007 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: X ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.3  
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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWK/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(\$)
1	TT	TIME OF DAY							
2		SUMMER:							
3		CUSTOMER CHARGE	52		\$500.00	26,000	0.2		26,000
4		DEMAND CHARGE:							
5		ON PEAK KW		159,265	\$8.46	1,347,382	9.7		1,347,382
6		OFF PEAK KW		6,612	\$1.28	8,463	0.1		8,463
7		TOTAL DEMAND		165,877		1,355,845	9.8		1,355,845
8		ENERGY CHARGE (3):							
9		ON PEAK KWH		25,255,595	0.054454	1,375,268	9.9		1,375,268
10		OFF PEAK KWH		45,510,201	0.044594	2,029,482	14.6		2,029,482
11		TOTAL ENERGY		70,765,796		3,404,750	24.5		3,404,750
12		TOTAL SUMMER	52	70,765,796		4,786,595	34.3		4,786,595
13		WINTER:							
14		CUSTOMER CHARGE	104		\$500.00	52,000	0.4		52,000
15		DEMAND CHARGE:							
16		ON PEAK KW		323,931	\$6.95	2,251,320	16.2		2,251,320
17		OFF PEAK KW		11,592	\$1.28	14,838	0.1		14,838
18		TOTAL DEMAND		335,523		2,266,158	16.3		2,266,158
19		ENERGY CHARGE (3):							
20		ON PEAK KWH		50,923,377	0.051983	2,647,150	19.0		2,647,150
21		OFF PEAK KWH		95,063,963	0.044594	4,239,282	30.4		4,239,282
22		TOTAL ENERGY		145,987,340		6,886,432	49.4		6,886,432
23		TOTAL WINTER	104	145,987,340		9,204,590	66.1		9,204,590
24		TOTAL RATE TT EXCLUDING RIDERS	156	216,753,136		13,991,185	100.4		13,991,185
25		RIDERS:							
26		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.000183	39,666	0.3		39,666
27		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
28		FUEL ADJUSTMENT CLAUSE (FAC)			0.001028			222,822	222,822
29		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0		0
30		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(98,839)	(0.7)		(98,839)
31		TOTAL RIDERS				(59,173)	(0.4)	222,822	163,649
32		TOTAL RATE TT INCLUDING RIDERS	156	216,753,136		13,932,012	100.0	222,822	14,154,834

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.



DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
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(ELECTRIC SERVICE)

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TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
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12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.3  
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WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	DT RTP	TIME OF DAY SERVICE AT SECONDARY DISTRIBUTION VOLTAGE							
2									
3	CUSTOMER CHARGE:								
4	BILLS (Real-Time Pricing)		24		\$183.00	4,392	2.5		4,392
5	TOTAL CUSTOMER CHARGE					4,392	2.5		4,392
6	ENERGY CHARGE:								
7	ALL KWH			4,181,575	0.015412	64,446	36.0		64,446
8	ANCILLARY SERVICES			4,181,575	0.000000	0	0.0		0
9	COMMODITY CHARGES			4,181,575	0.024280	101,529	56.6	0	101,529
10	TOTAL ENERGY			4,181,575		165,975	92.6	0	165,975
11	TOTAL RATE DT RTP SECONDARY EXCLUDING RIDERS		24	4,181,575		170,367	95.1	0	170,367
12	RIDERS:								
13	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.002576	10,772	6.0		10,772
14	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0		0
15	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0	0.00	0	0.0		0
16	FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)				0.000000	0	0.0		0
17	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(1,907)	(1.1)		(1,907)
18	TOTAL RIDERS					8,865	4.9	0	8,865
19	TOTAL RATE DT RTP SECONDARY INCLUDING RIDERS		24	4,181,575		179,232	100.0	0	179,232

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 11 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	DS RTP	SERVICE AT SECONDARY							
2		DISTRIBUTION VOLTAGE							
3	<b>CUSTOMER CHARGE:</b>								
4	BILLS (Real-Time Pricing)		36		\$183.00	6,588	22.8		6,588
5	<b>TOTAL CUSTOMER CHARGE</b>					6,588	22.8		6,588
6	<b>ENERGY CHARGE:</b>								
7	ALL KWH			304,820	0.015412	4,698	16.3		4,698
8	ANCILLARY SERVICES			304,820	0.000000	0	0.0		0
9	COMMODITY CHARGES			304,820	0.055529	16,926	58.7	0	16,926
10	<b>TOTAL ENERGY</b>			304,820		21,624	74.9	0	21,624
11	<b>TOTAL RATE DS RTP EXCLUDING RIDERS</b>		36	304,820		28,212	97.7	0	28,212
12	<b>RIDERS:</b>								
13	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.002576	785	2.7		785
14	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0		0
15	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0	0.00	0	0.0		0
16	FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)				0.000000	0	0.0		0
17	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(139)	(0.5)		(139)
18	<b>TOTAL RIDERS</b>					646	2.3	0	646
19	<b>TOTAL RATE DS RTP INCLUDING RIDERS</b>		36	304,820		28,858	100.0	0	28,858

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD X FORECASTED PERIOD  
TYPE OF FILING: X ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 12 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	TT RTP	TIME OF DAY SERVICE AT							
2		TRANSMISSION VOLTAGE							
3	CUSTOMER CHARGE:								
4	BILLS (Real-Time Pricing)		24		\$183.00	4,392	0.9		4,392
5	TOTAL CUSTOMER CHARGE					4,392	0.9		4,392
6	ENERGY CHARGE:								
7	ALL KWH			13,080,334	0.006472	84,656	18.1		84,656
8	ANCILLARY SERVICES			13,080,334	0.000000	0	0.0		0
9	COMMODITY CHARGES			13,080,334	0.029268	382,835	81.7	0	382,835
10	TOTAL ENERGY			13,080,334		467,491	99.8	0	467,491
11	TOTAL RATE TT RTP EXCLUDING RIDERS		24	13,080,334		471,883	100.8	0	471,883
12	RIDERS:								
13	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.000183	2,394	0.5		2,394
14	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0		0
15	FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)				0.000000	0	0.0		0
16	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(5,965)	(1.3)		(5,965)
17	TOTAL RIDERS					(3,571)	(0.8)		(3,571)
18	TOTAL RATE TT RTP INCLUDING RIDERS		24	13,080,334		468,312	100.0	0	468,312

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 13 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES(1A) (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(\$)
1	SL	STREET LIGHTING -- CO OWNED & MAINTAINED							
2		OVERHEAD DISTRIBUTION:							
3		MERCURY VAPOR :							
4	7,000	LUMEN	67,685	4,529,255	7.96	538,773	36.0	4,656	543,429
5	7,000	LUMEN (OPEN)	61	4,336	6.65	406	0.0	4	410
6	7,000	LUMEN (4)	36	2,409	12.82	462	0.0	2	464
7	7,000	LUMEN (5)	560	37,473	12.88	7,213	0.5	39	7,252
8	7,000	LUMEN (6)	119	7,963	13.86	1,649	0.1	8	1,657
9	7,000	LUMEN (8A)	132	8,833	15.80	2,086	0.1	9	2,095
10	10,000	LUMEN	2,199	209,638	9.19	20,209	1.4	216	20,425
11	10,000	LUMEN (5)	7	667	14.11	99	0.0	2	101
12	21,000	LUMEN	9,600	1,431,200	12.30	118,080	7.9	1,471	119,551
13	21,000	LUMEN (5)	132	19,679	17.22	2,273	0.2	20	2,293
14	21,000	LUMEN (6)	132	19,679	18.20	2,402	0.2	20	2,422
15		METAL HALIDE:							
16	14,000	LUMEN	336	22,484	7.96	2,675	0.2	23	2,698
17	14,000	LUMEN (5)	48	3,212	12.88	618	0.0	3	621
18	14,000	LUMEN (6)	91	6,089	13.86	1,261	0.1	6	1,267
19	14,000	LUMEN (10)	12	803	12.88	155	0.0	1	156
20	20,500	LUMEN	168	16,016	9.19	1,544	0.1	16	1,560
21	20,500	LUMEN (6)	24	2,288	15.09	362	0.0	2	364
22	36,000	LUMEN	0	0	12.30	0	0.0	0	0
23		SODIUM VAPOR:							
24	9,500	LUMEN	19,202	779,281	8.81	169,170	11.3	801	169,971
25	9,500	LUMEN (OPEN)	120	4,870	6.61	793	0.1	5	798
26	9,500	LUMEN (4)	48	1,948	13.67	656	0.0	2	658
27	9,500	LUMEN (5)	685	27,800	13.73	9,405	0.6	29	9,434
28	9,500	LUMEN (6)	685	27,800	14.71	10,076	0.7	29	10,105
29	16,000	LUMEN	372	22,041	9.60	3,571	0.2	23	3,594
30	16,000	LUMEN (5)	12	711	14.52	174	0.0	1	175
31	16,000	LUMEN (6)	108	6,399	15.50	1,674	0.1	7	1,681
32	22,000	LUMEN	5,435	429,365	12.45	67,666	4.5	441	68,107
33	22,000	LUMEN (4)	36	2,844	17.31	623	0.0	3	626
34	22,000	LUMEN (5)	219	17,301	17.37	3,804	0.3	18	3,822
35	22,000	LUMEN (6)	72	5,688	18.35	1,321	0.1	6	1,327
36	22,000	LUMEN (8)	12	948	20.21	243	0.0	1	244
37	27,500	LUMEN	96	7,584	12.45	1,195	0.1	8	1,203
38	27,500	LUMEN (6)	12	948	18.35	220	0.0	1	221
39	50,000	LUMEN	10,369	1,692,739	16.73	173,473	11.6	1,740	175,213
40	50,000	LUMEN (5)	312	50,934	21.65	6,755	0.5	52	6,807
41	50,000	LUMEN (6)	619	101,052	22.63	14,008	0.9	104	14,112

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) WITH 17' WOOD LAMINATED POLE.

(4) WITH 30' WOOD POLE.

(5) WITH 35' WOOD POLE.

(6) WITH 40' WOOD POLE.

(7) WITH 12' ALUM POLE.

(8) WITH 28' ALUM POLE.

(8A) WITH 28' ALUM POLE HEAVY GAUGE.

(9) WITH 30' ALUM POLE.

(10) WITH 17' FIBERGLASS POLE.

(11) WITH 12' FIBERGLASS POLE.

(12) WITH 30' FIBERGLASS POLE.

(13) WITH 35' FIBERGLASS POLE.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_ X \_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 14 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(S)	SALES (D)	PROPOSED RATES(1A)	PROPOSED REVENUE LESS FUEL COST	% OF REV TO TOTAL LESS FUEL COST	FUEL COST REVENUE (2)	PROPOSED TOTAL REVENUE (F+H)
(A)	(B)	(C)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
42	51	STREET LIGHTING - CO OWNED & MAINTAINED (CONTD.)	120,332	9,595,373		1,178,648	78.8	9,864	1,188,512
43		OVERHEAD DISTRIBUTION (CONTD.):							
44		DECORATIVE SODIUM VAPOR:							
45		9,500 LUMEN RECTILINEAR	0	0	10.94	0	0.0	0	0
46		22,000 LUMEN RECTILINEAR	12	1,023	13.33	162	0.0	1	163
47		50,000 LUMEN RECTILINEAR	132	21,549	17.90	2,363	0.2	22	2,385
48		50,000 LUMEN RECTILINEAR (5)	180	29,395	22.82	4,108	0.3	30	4,138
49		30,000 LUMEN RECTILINEAR (6)	0	0	23.80	0	0.0	0	0
50		50,000 LUMEN SETBACK	216	35,262	26.62	5,750	0.4	36	5,786
51		50,000 LUMEN SETBACK (5)	35	5,877	32.52	1,171	0.1	6	1,177
52		TOTAL OVERHEAD				1,178,648	78.8	9,864	1,188,512
53		UNDERGROUND DISTRIBUTION:							
54		MERCURY VAPOR:							
55		7,000 LUMEN	60	4,370	8.10	486	0.0	4	490
56		7,000 LUMEN (OPEN)	0	0	6.65	0	0.0	0	0
57		7,000 LUMEN (4)	800	43,700	12.96	7,776	0.5	45	7,821
58		7,000 LUMEN (5)	12	874	13.02	156	0.0	1	157
59		7,000 LUMEN (8)	360	26,220	15.86	5,710	0.4	27	5,737
60		10,000 LUMEN	0	0	9.35	0	0.0	0	0
61		10,000 LUMEN (4)	84	8,505	14.21	1,184	0.1	9	1,203
62		10,000 LUMEN (8)	156	15,795	17.11	2,669	0.2	16	2,685
63		21,000 LUMEN	95	15,312	12.59	1,209	0.1	16	1,225
64		21,000 LUMEN (8)	132	21,054	20.35	2,686	0.2	22	2,708
65		METAL HALIDE:							
66		14,000 LUMEN	0	0	8.10	0	0.0	0	0
67		20,500 LUMEN	0	0	9.35	0	0.0	0	0
68		36,000 LUMEN	0	0	12.59	0	0.0	0	0
69		SODIUM VAPOR:							
70		6,500 LUMEN	0	0	8.81	0	0.0	0	0
71		6,500 LUMEN (6)	24	974	14.71	353	0.0	1	354
72		6,500 LUMEN (8)	588	23,863	16.57	9,743	0.7	25	9,768
73		6,500 LUMEN (10)	24	874	13.73	130	0.0	1	131
74		9,500 LUMEN (13)	12	467	15.43	221	0.0	1	222
75		9,500 LUMEN (OPEN)	0	0	9.70	0	0.0	0	0
76		16,000 LUMEN	0	0	9.57	0	0.0	0	0
77		16,000 LUMEN (6)	25	1,481	15.27	387	0.0	2	389
78		22,000 LUMEN	228	18,912	12.45	2,839	0.2	19	2,858
79		22,000 LUMEN (5)	60	4,110	17.37	1,642	0.1	5	1,647
80		22,000 LUMEN (8)	328	41,172	28.23	10,671	0.7	43	10,714
81		22,000 LUMEN (9A)	48	3,792	26.23	974	0.1	4	978
82		27,500 LUMEN	0	0	12.45	0	0.0	0	0
83		27,500 LUMEN (9)	252	19,906	21.95	7,046	0.5	20	7,066
84		50,000 LUMEN	335	54,652	16.73	5,621	0.4	56	5,677
85		50,000 LUMEN (8)	72	17,754	24.49	1,763	0.1	12	1,775
86		50,000 LUMEN (9)	132	21,959	32.24	4,286	0.3	22	4,278
87		DECORATIVE MERCURY VAPOR:							
88		7,000 LUMEN TOWN & COUNTRY	0	0	8.37	0	0.0	0	0
89		7,000 LUMEN TOWN & COUNTRY (3)	216	15,354	13.29	2,871	0.2	16	2,887
90		7,000 LUMEN TOWN & COUNTRY (10)	5,688	418,539	13.20	78,252	5.1	430	78,982
91		7,000 LUMEN HOLOPHANE	24	1,748	10.52	252	0.0	2	254
92		7,000 LUMEN HOLOPHANE (10)	1,909	139,039	15.44	29,475	2.0	143	29,618
93		7,000 LUMEN GAS REFLICA (7)	96	6,992	37.43	3,593	0.2	7	3,600
94		7,000 LUMEN GRANVILLE	0	0	8.46	0	0.0	0	0
95		7,000 LUMEN GRANVILLE (7)	0	0	21.85	0	0.0	0	0
96		7,000 LUMEN ASPEN	24	1,748	15.23	366	0.0	2	368

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.02837 PER KWH.  
(2) REFLECTS FUEL COMPONENT OF \$0.091028 PER KWH.  
(3) WITH 17' WOOD LAMINATED POLE.  
(4) WITH 30' WOOD POLE.  
(5) WITH 35' WOOD POLE.  
(6) WITH 40' WOOD POLE.  
(7) WITH 12' ALUM POLE.  
(8) WITH 28' ALUM POLE.  
(9) WITH 30' ALUM POLE.  
(10) WITH 17' FIBERGLASS POLE.  
(11) WITH 12' FIBERGLASS POLE.  
(12) WITH 30' FIBERGLASS POLE.  
(13) WITH 35' FIBERGLASS POLE.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 15 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES(1A)	PROPOSED REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	FUEL COST REVENUE (2)	PROPOSED TOTAL REVENUE (F + H)
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(\$)
97	SL	STREET LIGHTING - CO OWNED & MAINTAINED (CONT'D.)							
98		UNDERGROUND DISTRIBUTION (CONT'D.):							
99		DECORATIVE METAL HALIDE:							
100		14,000 LUMEN TRADITIONAIRE	0	0	8.37	0	0.0	0	0
101		14,000 LUMEN TRADITIONAIRE (7)	60	4,265	21.76	1,306	0.1	4	1,310
102		14,000 LUMEN TRADITIONAIRE (10)	468	33,287	13.29	6,220	0.4	34	6,254
103		14,000 LUMEN GRANVILLE	0	0	15.23	0	0.0	0	0
104		14,000 LUMEN GRANVILLE (11)	0	0	29.63	0	0.0	0	0
105		14,000 LUMEN GAS REPLICA	0	0	24.13	0	0.0	0	0
106		14,500 LUMEN GAS REPLICA	0	0	24.13	0	0.0	0	0
107		14,500 LUMEN GAS REPLICA (7)	240	17,480	37.52	9,005	0.6	18	9,023
108		14,500 LUMEN GAS REPLICA (10)	60	4,370	29.05	1,743	0.1	4	1,747
109		DECORATIVE SODIUM VAPOR:							
110		9,500 LUMEN TOWN & COUNTRY	98	3,977	12.23	1,199	0.1	4	1,203
111		9,500 LUMEN TOWN & COUNTRY (10)	1896	76,946	17.15	32,516	2.2	79	32,595
112		9,500 LUMEN HOLOPHANE	576	25,536	13.25	7,632	0.5	26	7,658
113		9,500 LUMEN HOLOPHANE (10)	312	13,832	18.17	5,669	0.4	14	5,683
114		9,500 LUMEN GAS REPLICA (7)	132	5,852	38.30	5,056	0.3	6	5,062
115		9,500 LUMEN GAS REPLICA (10)	12	532	29.83	358	0.0	1	359
116		9,500 LUMEN GAS REPLICA (11)	312	13,832	39.31	12,265	0.8	14	12,279
117		9,500 LUMEN ASPEN	888	39,368	15.43	13,702	0.9	40	13,742
118		9,500 LUMEN TRADITIONAIRE	0	0	12.23	0	0.0	0	0
119		9,500 LUMEN TRADITIONAIRE (10)	696	28,246	17.15	11,936	0.8	29	11,965
120		9,500 LUMEN GRANVILLE	0	0	15.43	0	0.0	0	0
121		9,500 LUMEN GRANVILLE (7)	0	0	28.82	0	0.0	0	0
122		9,500 LUMEN GRANVILLE (10)	0	0	20.35	0	0.0	0	0
123		9,500 LUMEN GRANVILLE (11)	0	0	29.83	0	0.0	0	0
124		22,000 LUMEN RECTILINEAR	0	0	13.59	0	0.0	0	0
125		22,000 LUMEN RECTILINEAR (12)	169	14,407	22.97	3,882	0.3	15	3,897
126		50,000 LUMEN RECTILINEAR	0	0	17.97	0	0.0	0	0
127		50,000 LUMEN RECTILINEAR (12)	36	5,877	27.35	985	0.1	6	991
128		50,000 LUMEN RECTILINEAR (13)	204	33,303	27.59	5,628	0.4	34	5,662
129		50,000 LUMEN SETBACK	0	0	26.62	0	0.0	0	0
130		TOTAL UNDERGROUND	18,145	1,244,438		301,043	20.1	1,279	302,322
131		RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH):							
132		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0	0	0
133		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0
134		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0	0	0
135		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(4,943)	(0.3)		(4,943)
136		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(4,943)	(0.3)		(4,943)
137		ADD'L FACILITIES CHARGE:							
138		OVERHEAD	5,647		0.68	3,275	0.2		3,275
139		UNDERGROUND	20,991		0.84	17,632	1.2		17,632
140		TOTAL ADD'L FACILITIES CHG	26,638			20,907	1.4	0	20,907
141		TOTAL RATE SL INCLUDING RIDERS	138,477	10,839,811		1,495,655	100.0	11,143	1,506,798

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) WITH 17' WOOD LAMINATED POLE.

(4) WITH 30' WOOD POLE.

(5) WITH 35' WOOD POLE.

(6) WITH 40' WOOD POLE.

(7) WITH 12' ALUM POLE.

(8) WITH 28' ALUM POLE.

(8A) WITH 28' ALUM POLE HEAVY GAUGE.

(9) WITH 30' ALUM POLE.

(10) WITH 17' FIBERGLASS POLE.

(11) WITH 12' FIBERGLASS POLE.

(12) WITH 30' FIBERGLASS POLE.

(13) WITH 35' FIBERGLASS POLE.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 16 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	TL	TRAFFIC LIGHTING SERVICE							
2									
3	(A) WHERE COMPANY								
4	SUPPLIES ENERGY ONLY (3):								
5	ALL CONSUMPTION		76,092	681,336	0.042590	29,018	36.9	700	29,718
6	(B) WHERE COMPANY								
7	SUPPLIES ENERGY FROM A								
8	SEPARATELY METERED SOURCE								
9	AND PROVIDES LIMITED								
10	MAINTENANCE:								
11	ALL CONSUMPTION		0	0	0.023583	0	0.0	0	0
12	(C) WHERE COMPANY								
13	SUPPLIES ENERGY AND								
14	PROVIDES LIMITED								
15	MAINTENANCE (3):								
16	ALL CONSUMPTION		18,876	758,460	0.066174	50,190	63.9	780	50,970
17	TOTAL RATE TL EXCLUDING RIDERS		94,968	1,439,796		79,208	100.8	1,480	80,688
18	RIDERS NOT INCLUDED IN RATES ABOVE:								
19	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0		0
20	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)				0.000000	0	0.0		0
21	FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)				0.000000	0	0.0		0
22	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(657)	(0.8)		(657)
23	TOTAL RIDERS NOT INCLUDED IN RATES ABOVE					(657)	(0.8)		(657)
24	TOTAL RATE TL INCLUDING RIDERS		94,968	1,439,796		78,551	100.0	1,480	80,031

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.022027 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_ X FORECASTED PERIOD  
TYPE OF FILING: \_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 17 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KWH)	PROPOSED RATES(3) (E) (\$/KWH)	PROPOSED REVENUE LESS FUEL COST REVENUE (F) (\$)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G) (%)	FUEL COST REVENUE (2) (H) (\$)	PROPOSED TOTAL REVENUE (F + H) (I) (\$)
1		UOLS UNMETERED OUTDOOR LIGHTING SERV							
2		BASE RATE	91,004	5,388,585	0.041936	225,976	101.1	5,539	231,515
3		RIDERS NOT INCLUDED IN RATES ABOVE:							
4		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
5		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
6		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0		0
7		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(2,457)	(1.1)		(2,457)
8		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(2,457)	(1.1)		(2,457)
9		TOTAL RATE UOLS INCLUDING RIDERS	91,004	5,388,585		223,519	100.0	5,539	229,058

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.



DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 18 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KWH)	PROPOSED RATES(3) (E) (\$/UNIT)	PROPOSED REVENUE LESS FUEL COST REVENUE (F) (\$)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G) (%)	FUEL COST REVENUE (2) (H) (\$)	PROPOSED TOTAL REVENUE (F + H) (I) (\$)
1	NSU	NON STANDARD STREET LIGHT UNITS							
2	(A)	COMPANY OWNED							
3	(1)	BOULEVARD INCANDESCENT(UG):							
4	2,500	LUMEN SERIES	0	0	10.32	0	0.0	0	0
5	2,500	LUMEN MULTIPLE	144	9,432	8.01	1,153	1.7	10	1,163
6	(2)	HOLOPHANE DECORATIVE:							
7	10,000	LUMEN MV W							
8	17'	FIBERGLASS POLE	372	37,665	18.79	6,990	10.1	39	7,029
9	(3)	STREET LGT UNITS (OH)							
10	2,500	LUMEN INCANDESCENT	372	24,366	7.94	2,954	4.3	25	2,979
11	2,500	LUMEN MERCURY VAPOR	7,008	264,552	7.52	52,700	76.4	272	52,972
12	21,000	LUMEN MERCURY VAPOR	408	65,076	11.93	4,867	7.1	66	4,933
13	TOTAL	COMPANY OWNED	8,304	401,091		68,664	99.6	412	69,076
14	(B)	CUSTOMER OWNED WITH LTD MAINT							
15	(1)	BOULEVARD INCANDESCENT(UG):							
16	2,500	LUMEN SERIES	0	0	6.09	0	0.0	0	0
17	2,500	LUMEN MULTIPLE	60	3,930	7.74	464	0.7	4	468
18	TOTAL	CUSTOMER OWNED	60	3,930		464	0.7	4	468
19	TOTAL	RATE NSU EXCLUDING RIDERS	8,364	405,021		69,128	100.3	416	69,544
20		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):							
21		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
22		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
23		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0		0
24		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(185)	(0.3)		(185)
25	TOTAL	RIDERS NOT INCLUDED IN RATES ABOVE				(185)	(0.3)		(185)
26	TOTAL	RATE NSU INCLUDING RIDERS	8,364	405,021		68,943	100.0	416	69,359

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.000000 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_ X FORECASTED PERIOD  
TYPE OF FILING: \_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 19 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KWH)	PROPOSED RATES(3) (E) (\$/UNIT) (\$/KWH)	PROPOSED REVENUE LESS FUEL COST REVENUE (F) (\$)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G) (%)	FUEL COST REVENUE (2) (H) (\$)	PROPOSED TOTAL REVENUE (F + H) (I) (\$)
1	SC	STREET LIGHTING -							
2		CUST OWNED/LTD MAINT							
3		STANDARD UNIT-COBRAHEAD							
4		MERCURY VAPOR -							
5		7,000 LUMEN	0	0	4.69	0	0.0	0	0
6		10,000 LUMEN	0	0	5.96	0	0.0	0	0
7		21,000 LUMEN	0	0	8.28	0	0.0	0	0
8		METAL HALIDE --							
9		14,000 LUMEN	0	0	4.69	0	0.0	0	0
10		20,500 LUMEN	0	0	5.96	0	0.0	0	0
11		36,000 LUMEN	0	0	8.28	0	0.0	0	0
12		SODIUM VAPOR--							
13		9,500 LUMEN	0	0	5.64	0	0.0	0	0
14		16,000 LUMEN	0	0	6.29	0	0.0	0	0
15		22,000 LUMEN	0	0	6.90	0	0.0	0	0
16		27,500 LUMEN	0	0	6.90	0	0.0	0	0
17		50,000 LUMEN	0	0	9.35	0	0.0	0	0
18		DECORATIVE UNITS:							
19		7,000 LUMEN MERCURY VAPOR--							
20		HOLOPHANE	0	0	5.95	0	0.0	0	0
21		TOWN & COUNTRY	0	0	5.90	0	0.0	0	0
22		GAS REPLICA	0	0	5.95	0	0.0	0	0
23		ASPEN	0	0	5.95	0	0.0	0	0
24		14,000 LUMEN METAL HALIDE--							
25		TRADITIONAIRE	0	0	5.90	0	0.0	0	0
26		GRANVILLE ACORN	0	0	5.95	0	0.0	0	0
27		GAS REPLICA	0	0	5.95	0	0.0	0	0
28		9,500 LUMEN SODIUM VAPOR--							
29		TOWN & COUNTRY	0	0	5.55	0	0.0	0	0
30		TRADITIONAIRE	0	0	5.55	0	0.0	0	0
31		GRANVILLE ACORN	0	0	5.80	0	0.0	0	0
32		RECTILINEAR	0	0	5.55	0	0.0	0	0
33		ASPEN	0	0	5.80	0	0.0	0	0
34		HOLOPHANE	0	0	5.80	0	0.0	0	0
35		GAS REPLICA	0	0	5.80	0	0.0	0	0
36		SODIUM VAPOR --							
37		22,000 LUMEN (RECTILINEAR)	0	0	7.32	0	0.0	0	0
38		50,000 LUMEN (RECTILINEAR)	0	0	9.68	0	0.0	0	0
39		CUST OWNED/CUST MAINT							
40		ENERGY ONLY	2,064	97,596	0.041936	4,093	101.1	100	4,193
41		TOTAL RATE SC EXCLUDING RIDERS	2,064	97,596		4,093	101.1	100	4,193
42		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):							
43		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
44		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
45		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0		0
46		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(45)	(1.1)		(45)
47		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(45)	(1.1)		(45)
48		TOTAL RATE SC INCLUDING RIDERS	2,064	97,596		4,048	100.0	100	4,148

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED March 31, 2019  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S):  
12 Months Projected with Riders

SCHEDULE M-2.3  
PAGE 20 OF 20  
WITNESS:  
B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES(3)	PROPOSED REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	FUEL COST REVENUE (2)	PROPOSED TOTAL REVENUE (F + H)
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(\$)
1	SE	STREET LIGHTING							
2		OVERHEAD EQUIVALENT RATE							
3		MERCURY VAPOR 7,000 LUMEN:							
4		TOWN & COUNTRY	6,816	484,504	8.16	55,819	26.1	497	56,116
5		HOLOPHANE	2,328	169,556	8.19	19,066	9.0	174	19,240
6		GAS REPLICA	696	50,692	8.19	5,700	2.7	52	5,752
7		ASPEN	132	9,614	8.19	1,081	0.5	10	1,091
8		METAL HALIDE 14,000 LUMEN:							
9		TRADITIONAIRE	3,144	223,486	8.16	25,655	12.1	230	25,885
10		GRANVILLE ACORN	0	0	8.19	0	0.0	0	0
11		GAS REPLICA	588	42,826	8.19	4,816	2.3	44	4,860
12		SODIUM VAPOR 9,500 LUMEN:							
13		TOWN & COUNTRY	3,192	129,542	8.89	28,377	13.4	133	28,510
15		HOLOPHANE	2,364	104,804	9.01	21,300	10.0	108	21,408
16		RECTILINEAR	972	39,447	8.89	8,641	4.1	41	8,682
17		GAS REPLICA	1,272	56,392	9.00	11,448	5.4	58	11,506
19		ASPEN	2,580	114,380	9.00	23,220	10.9	118	23,338
14		TRADITIONAIRE	0	0	8.89	0	0.0	0	0
18		GRANVILLE ACORN	156	6,916	9.00	1,404	0.7	7	1,411
20		SODIUM VAPOR:							
21		22,000 LUMEN (RECTILINEAR)	480	40,920	12.78	6,134	2.9	42	6,176
22		50,000 LUMEN (RECTILINEAR)	24	3,918	16.91	406	0.2	4	410
23		50,000 LUMEN (SETBACK)	0	0	16.91	0	0.0	0	0
24		TOTAL RATE SE EXCLUDING RIDERS	24,744	1,476,997		212,867	100.3	1,518	214,385
25		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):							
26		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			0.000000	0	0.0		0
27		DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
28		FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)			0.000000	0	0.0		0
29		PROFIT SHARING MECHANISM (PSM)			(0.000456)	(674)	(0.3)		(674)
30		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(674)	(0.3)		(674)
31		TOTAL RATE SE INCLUDING RIDERS	24,744	1,476,997		212,193	100.0	1,518	213,711

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.  
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.



Before

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC CASE NO. 2017-00321

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

SECTION N

SECTION N  
TYPICAL BILL COMPARISON  
DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended November 30, 2017

Forecasted Period: Twelve Months Ended March 31, 2019

Schedules

N Typical Bill Comparison

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
TYPICAL BILL COMPARISON  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FORECASTED PERIOD  
TYPE OF FILING:  X  ORIGINAL   UPDATED   REVISED  
WORK PAPER REFERENCE NO(S): SEE BELOW  
6 Months Actual and 6 Months Projected

SCHEDULE N  
PAGE 1 OF 5  
WITNESS:  
B. L. SAILERS

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA LESS RIDERS				RIDERS						TOTAL CURRENT BILL (M)	TOTAL PROPOSED BILL (N)	PERCENT INCREASE (O)
				CURRENT BILL(1)(8) (C)	PROPOSED BILL(1)(8) (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (2) (G)	RIDER DSMR (3) (H)	RIDER ESM (4) (I)	RIDER DCI (5) (J)	RIDER FTR (6) (K)	RIDER PSM (7) (L)	(C+G+H+L)	(D+G+H+I+J+K+L)	(N-M) / M
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1	RS															
2		NA	300	27.24	36.49	9.25	34.0	0.31	2.39	0.00	0.00	0.00	(0.14)	29.80	39.05	31.0
3		NA	400	34.78	44.88	10.10	29.0	0.41	3.19	0.00	0.00	0.00	(0.18)	38.20	48.30	26.4
4		NA	500	42.33	53.27	10.94	25.8	0.51	3.98	0.00	0.00	0.00	(0.23)	46.59	57.53	23.5
5		NA	800	64.96	78.45	13.49	20.8	0.82	6.37	0.00	0.00	0.00	(0.36)	71.79	85.28	18.8
6		NA	1,000	80.06	95.23	15.17	18.9	1.03	7.97	0.00	0.00	0.00	(0.46)	88.60	103.77	17.1
7		NA	1,500	117.78	137.18	19.40	16.5	1.54	11.95	0.00	0.00	0.00	(0.68)	130.59	149.99	14.9
8		NA	2,000	155.51	179.14	23.63	15.2	2.06	15.93	0.00	0.00	0.00	(0.91)	172.59	196.22	13.7

- (1) REFLECTS DSM HEA RIDER OF \$0.10 PER BILL.
- (2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.001028 PER KWH.
- (3) RIDER DSMR \$0.007967 PER KWH.
- (4) RIDER ESM \$0.000000 PER KWH FOR PROPOSED BILL ONLY.
- (5) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.
- (6) RIDER FTR \$0.000000 PER KWH FOR PROPOSED BILL ONLY.
- (7) RIDER PSM (\$0.000456) PER KWH.
- (8) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
TYPICAL BILL COMPARISON  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FORECASTED PERIOD  
TYPE OF FILING:  X  ORIGINAL   UPDATED   REVISED  
WORK PAPER REFERENCE NO(S): SEE BELOW  
6 Months Actual and 6 Months Projected

SCHEDULE N  
PAGE 2 OF 5  
WITNESS:  
B. L. SAILERS

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA LESS RIDERS				RIDERS						TOTAL CURRENT BILL (M)	TOTAL PROPOSED BILL (N)	PERCENT INCREASE (O)
				CURRENT BILL (7) (C)	PROPOSED BILL (7) (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (1) (G)	RIDER DSMR (2) (H)	RIDER ESM (3) (I)	RIDER DCI (4) (J)	RIDER FTR (5) (K)	RIDER PSM (6) (L)	(C+G+H+L) (M)	(D+G+H+I+J+K+L) (N)	(N-M) / M (O)
1	DS	5	2,000	178.29	218.11	39.82	22.3	2.06	5.15	0.00	0.00	0.00	(0.91)	184.59	224.41	21.6
2		10	4,000	341.58	401.95	60.37	17.7	4.11	10.30	0.00	0.00	0.00	(1.82)	354.17	414.54	17.0
3		10	6,000	504.87	585.78	80.91	16.0	6.17	15.46	0.00	0.00	0.00	(2.74)	523.76	604.67	15.4
4		30	6,000	621.12	716.73	95.61	15.4	6.17	15.46	0.00	0.00	0.00	(2.74)	640.01	735.62	14.9
5		30	9,000	771.48	886.01	114.53	14.8	9.25	23.18	0.00	0.00	0.00	(4.10)	799.81	914.34	14.3
6		30	12,000	921.83	1,055.28	133.45	14.5	12.34	30.91	0.00	0.00	0.00	(5.47)	959.61	1,093.06	13.9
7		50	10,000	976.60	1,117.03	140.43	14.4	10.28	25.76	0.00	0.00	0.00	(4.56)	1,008.08	1,148.51	13.9
8		50	15,000	1,227.19	1,399.16	171.97	14.0	15.42	38.64	0.00	0.00	0.00	(6.84)	1,274.41	1,446.38	13.5
9		50	20,000	1,477.79	1,681.28	203.49	13.8	20.56	51.52	0.00	0.00	0.00	(9.12)	1,540.75	1,744.24	13.2
10		75	15,000	1,420.94	1,617.41	196.47	13.8	15.42	38.64	0.00	0.00	0.00	(6.84)	1,468.16	1,664.63	13.4
11		75	20,000	1,671.54	1,899.53	227.99	13.6	20.56	51.52	0.00	0.00	0.00	(9.12)	1,734.50	1,962.49	13.1
12		75	30,000	2,159.11	2,448.45	289.34	13.4	30.84	77.28	0.00	0.00	0.00	(13.68)	2,253.55	2,542.89	12.8
13		100	20,000	1,865.29	2,117.78	252.49	13.5	20.56	51.52	0.00	0.00	0.00	(9.12)	1,928.25	2,180.74	13.1
14		100	30,000	2,366.48	2,682.03	315.55	13.3	30.84	77.28	0.00	0.00	0.00	(13.68)	2,460.92	2,776.47	12.8
15		100	40,000	2,831.36	3,205.40	374.04	13.2	41.12	103.04	0.00	0.00	0.00	(18.24)	2,957.28	3,331.32	12.6
16		300	60,000	5,420.05	6,120.78	700.73	12.9	61.68	154.56	0.00	0.00	0.00	(27.36)	5,608.93	6,309.66	12.5
17		300	90,000	6,923.62	7,813.53	889.91	12.9	92.52	231.84	0.00	0.00	0.00	(41.04)	7,206.94	8,096.85	12.3
18		300	120,000	8,209.36	9,260.98	1,051.62	12.8	123.36	309.12	0.00	0.00	0.00	(54.72)	8,587.12	9,638.74	12.2
19		500	100,000	8,974.81	10,123.78	1,148.97	12.8	102.80	257.60	0.00	0.00	0.00	(45.60)	9,289.61	10,438.58	12.4
20		500	200,000	13,587.36	15,316.56	1,729.20	12.7	205.60	515.20	0.00	0.00	0.00	(91.20)	14,216.96	15,946.16	12.2
21		500	300,000	17,691.66	19,936.96	2,245.30	12.7	308.40	772.80	0.00	0.00	0.00	(136.80)	18,636.06	20,881.36	12.0
22	EH	WINTER														
23		NA	9,400	593.33	691.78	98.45	16.6	9.66	24.21	0.00	0.00	0.00	(4.29)	622.91	721.36	15.8
24		NA	23,600	1,466.97	1,685.03	218.06	14.9	24.26	60.79	0.00	0.00	0.00	(10.76)	1,541.26	1,759.32	14.1
25		NA	37,800	2,340.61	2,678.28	337.67	14.4	38.86	97.37	0.00	0.00	0.00	(17.24)	2,459.60	2,797.27	13.7

- CUSTOMER CHARGE IS BASED ON THREE PHASE SECONDARY SERVICE.  
(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.  
(2) RIDER DSMR \$0.002576 PER KWH.  
(3) RIDER ESM \$0.000000 PER KWH FOR PROPOSED BILL ONLY.  
(4) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.  
(5) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.  
(6) RIDER PSM (\$0.000456) PER KWH.  
(7) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.



DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
TYPICAL BILL COMPARISON  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FORECASTED PERIOD  
TYPE OF FILING:  X  ORIGINAL   UPDATED   REVISED  
WORK PAPER REFERENCE NO(S):- SEE BELOW  
6 Months Actual and 6 Months Projected

SCHEDULE N  
PAGE 3 OF 5  
WITNESS:  
B. L. SAILERS

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	BILL DATA LESS RIDERS					RIDERS						TOTAL	TOTAL	PERCENT	
		LEVEL of DEMAND (A)	LEVEL of USE (B)	CURRENT BILL (C)	PROPOSED BILL (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (1) (G)	RIDER DSMR (2) (H)	RIDER ESM (3) (I)	RIDER DCI (4) (J)	RIDER FTR (5) (K)	RIDER PSM (6) (L)	CURRENT BILL (C+G+H+L) (M)	PROPOSED BILL (D+G+H+I+J+K+L) (N)	INCREASE (N-M) / M (O)
1	DT (SUMMER)	500	144,000	11,832.05	13,736.20	1,904.15	16.1	148.03	370.94	0.00	0.00	0.00	(65.66)	12,285.36	14,189.51	15.5
2		500	288,000	17,405.20	20,025.34	2,620.14	15.1	296.06	741.89	0.00	0.00	0.00	(131.33)	18,311.82	20,931.96	14.3
3		800	230,400	18,922.28	21,737.93	2,815.65	14.9	236.85	593.51	0.00	0.00	0.00	(105.06)	19,647.58	22,463.23	14.3
4		800	460,800	27,839.31	31,800.55	3,961.24	14.2	473.70	1,187.02	0.00	0.00	0.00	(210.12)	29,289.91	33,251.15	13.5
5		1,000	288,000	23,649.11	27,072.41	3,423.30	14.5	296.06	741.89	0.00	0.00	0.00	(131.33)	24,555.73	27,979.03	13.9
6		1,000	576,000	34,795.40	39,650.67	4,855.27	14.0	592.13	1,483.78	0.00	0.00	0.00	(262.66)	36,608.65	41,463.92	13.3
7		1,200	345,600	28,375.93	32,406.89	4,030.96	14.2	355.28	890.27	0.00	0.00	0.00	(157.59)	29,463.89	33,494.85	13.7
8		1,200	691,200	41,751.47	47,500.81	5,749.34	13.8	710.55	1,780.53	0.00	0.00	0.00	(315.19)	43,927.36	49,676.70	13.1
9		1,500	432,000	35,466.16	40,408.60	4,942.44	13.9	444.10	1,112.83	0.00	0.00	0.00	(196.99)	36,826.10	41,768.54	13.4
10		1,500	864,000	52,185.60	59,276.00	7,090.40	13.6	888.19	2,225.66	0.00	0.00	0.00	(393.98)	54,905.47	61,995.87	12.9
11	DT (WINTER)	500	144,000	11,398.06	13,244.91	1,846.85	16.2	148.03	370.94	0.00	0.00	0.00	(65.66)	11,851.37	13,698.22	15.6
12		500	288,000	16,872.55	19,422.43	2,549.88	15.1	296.06	741.89	0.00	0.00	0.00	(131.33)	17,779.17	20,329.05	14.3
13		800	230,400	18,227.90	20,951.84	2,723.94	14.9	236.85	593.51	0.00	0.00	0.00	(105.06)	18,953.20	21,677.14	14.4
14		800	460,800	26,987.08	30,835.88	3,848.80	14.3	473.70	1,187.02	0.00	0.00	0.00	(210.12)	28,437.68	32,286.48	13.5
15		1,000	288,000	22,781.14	26,089.80	3,308.66	14.5	296.06	741.89	0.00	0.00	0.00	(131.33)	23,687.76	26,996.42	14.0
16		1,000	576,000	33,730.10	38,444.86	4,714.76	14.0	592.13	1,483.78	0.00	0.00	0.00	(262.66)	35,543.35	40,258.11	13.3
17		1,200	345,600	27,334.36	31,227.77	3,893.41	14.2	355.28	890.27	0.00	0.00	0.00	(157.59)	28,422.32	32,315.73	13.7
18		1,200	691,200	40,473.12	46,053.83	5,580.71	13.8	710.55	1,780.53	0.00	0.00	0.00	(315.19)	42,649.01	48,229.72	13.1
19		1,500	432,000	34,164.20	38,934.71	4,770.51	14.0	444.10	1,112.83	0.00	0.00	0.00	(196.99)	35,524.14	40,294.65	13.4
20		1,500	864,000	50,587.65	57,467.29	6,879.64	13.6	888.19	2,225.66	0.00	0.00	0.00	(393.98)	53,307.52	60,187.16	12.9

- (1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.
- (2) RIDER DSMR \$0.002576 PER KWH.
- (3) RIDER ESM \$0.000000 PER KWH FOR CURRENT BILL ONLY.
- (4) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.
- (5) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.
- (6) RIDER PSM (\$0.000456) PER KWH.
- (7) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH AND THREE PHASE SECONDARY SERVICE.
- (8) DEMAND AND ENERGY VALUES REPRESENT THE SUM OF ON AND OFF PEAK. FOR BILL CALCULATION, VALUES ARE SPLIT USING THE RATIO OF VALUES IN SCHEDULE M-2.3.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
TYPICAL BILL COMPARISON  
(ELECTRIC SERVICE)

DATA:  X  BASE PERIOD   FORECASTED PERIOD  
TYPE OF FILING:  X  ORIGINAL   UPDATED   REVISED  
WORK PAPER REFERENCE NO(S): SEE BELOW  
6 Months Actual and 6 Months Projected

SCHEDULE N  
PAGE 4 OF 5  
WITNESS:  
B. L. SAILERS

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	BILL DATA LESS RIDERS						RIDERS						TOTAL CURRENT BILL	TOTAL PROPOSED BILL	PERCENT INCREASE
		LEVEL of DEMAND (A)	LEVEL of USE (B)	CURRENT BILL (7) (C)	PROPOSED BILL (7) (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (1) (G)	RIDER DSMR (2) (H)	RIDER ESM (3) (I)	RIDER DCI (4) (J)	RIDER FTR (5) (K)	RIDER PSM (6) (L)	(C+G+H+L) (M)	(D+G+H+J+K+L) (N)	(N-M) / M (O)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1	DP	100	14,400	1,543.38	1,831.35	287.97	18.7	14.80	37.09	0.00	0.00	0.00	(6.57)	1,588.70	1,876.67	18.1
2		100	28,800	2,278.76	2,703.92	425.16	18.7	29.61	74.19	0.00	0.00	0.00	(13.13)	2,369.43	2,794.59	17.9
3		100	43,200	2,910.25	3,453.35	543.10	18.7	44.41	111.28	0.00	0.00	0.00	(19.70)	3,046.24	3,589.34	17.8
4		200	28,800	2,986.76	3,543.92	557.16	18.7	29.61	74.19	0.00	0.00	0.00	(13.13)	3,077.43	3,634.59	18.1
5		200	57,600	4,457.52	5,289.05	831.54	18.7	59.21	148.38	0.00	0.00	0.00	(26.27)	4,638.84	5,470.37	17.9
6		200	86,400	5,720.51	6,787.93	1,067.42	18.7	88.82	222.57	0.00	0.00	0.00	(39.40)	5,992.50	7,059.92	17.8
7		300	43,200	4,430.14	5,256.48	826.35	18.7	44.41	111.28	0.00	0.00	0.00	(19.70)	4,566.13	5,392.47	18.1
8		300	86,400	6,636.28	7,874.19	1,237.91	18.7	88.82	222.57	0.00	0.00	0.00	(39.40)	6,908.27	8,146.18	17.9
9		300	129,600	8,530.76	10,122.50	1,591.74	18.7	133.23	333.85	0.00	0.00	0.00	(59.10)	8,938.74	10,530.48	17.8
10		500	72,000	7,316.90	8,681.62	1,364.72	18.7	74.02	185.47	0.00	0.00	0.00	(32.83)	7,543.56	8,908.28	18.1
11		500	144,000	10,993.79	13,044.46	2,050.67	18.7	148.03	370.94	0.00	0.00	0.00	(65.66)	11,447.10	13,497.77	17.9
12		500	216,000	14,151.27	16,791.65	2,640.38	18.7	222.05	556.42	0.00	0.00	0.00	(98.50)	14,831.24	17,471.62	17.8
13		800	115,200	11,647.03	13,819.32	2,172.29	18.7	118.43	296.76	0.00	0.00	0.00	(52.53)	12,009.69	14,181.98	18.1
14		800	230,400	17,530.07	20,799.87	3,269.80	18.7	236.85	593.51	0.00	0.00	0.00	(105.06)	18,255.37	21,525.17	17.9
15		800	345,600	22,582.03	26,795.38	4,213.35	18.7	355.28	890.27	0.00	0.00	0.00	(157.59)	23,669.99	27,883.34	17.8
16		1000	144,000	14,533.79	17,244.46	2,710.67	18.7	148.03	370.94	0.00	0.00	0.00	(65.66)	14,987.10	17,697.77	18.1
17		1000	288,000	21,887.58	25,970.14	4,082.56	18.7	296.06	741.89	0.00	0.00	0.00	(131.33)	22,794.20	26,876.76	17.9
18		1000	432,000	28,202.54	33,464.52	5,261.99	18.7	444.10	1,112.83	0.00	0.00	0.00	(196.99)	29,562.48	34,824.46	17.8
19		1500	216,000	21,750.69	25,807.30	4,056.61	18.7	222.05	556.42	0.00	0.00	0.00	(98.50)	22,430.66	26,487.27	18.1
20		1500	432,000	32,781.38	38,895.82	6,114.44	18.7	444.10	1,112.83	0.00	0.00	0.00	(196.99)	34,141.32	40,255.76	17.9
21		1500	648,000	42,253.80	50,137.40	7,883.59	18.7	666.14	1,669.25	0.00	0.00	0.00	(295.49)	44,293.70	52,177.30	17.8
22		3000	432,000	43,401.38	51,495.82	8,094.44	18.7	444.10	1,112.83	0.00	0.00	0.00	(196.99)	44,761.32	52,855.76	18.1
23		3000	864,000	65,462.75	77,672.86	12,210.11	18.7	888.19	2,225.66	0.00	0.00	0.00	(393.98)	68,182.62	80,392.73	17.9
24		3000	1,296,000	84,407.61	100,156.01	15,748.40	18.7	1,332.29	3,338.50	0.00	0.00	0.00	(590.98)	88,487.42	104,235.82	17.8

- (1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.
- (2) RIDER DSMR \$0.002576 PER KWH.
- (3) RIDER ESM \$0.000000 PER KWH FOR CURRENT BILL ONLY.
- (4) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.
- (5) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.
- (6) RIDER PSM (\$0.000456) PER KWH.
- (7) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
TYPICAL BILL COMPARISON  
(ELECTRIC SERVICE)

DATA: \_\_X\_\_ BASE PERIOD \_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_X\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S): SEE BELOW  
6 Months Actual and 6 Months Projected

SCHEDULE N  
PAGE 5 OF 5  
WITNESS:  
B. L. SAILERS

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	BILL DATA LESS RIDERS						RIDERS					TOTAL CURRENT BILL (C+G+H+L) (M)	TOTAL PROPOSED BILL (N) (D+G+H+K+L)	PERCENT INCREASE (O) (N-M)/M
		LEVEL of DEMAND (A)	LEVEL of USE (B)	CURRENT BILL (6)(7) (C)	PROPOSED BILL (6)(7) (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (1) (G)	RIDER DSMR (2) (H)	RIDER ESM (3) (I)	RIDER FTR (4) (J)	RIDER PSM (5) (K)			
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	TT (SUMMER)	1,000	200,000	16,372.85	18,296.83	1,923.98	11.8	205.60	36.60	0.00	0.00	(91.20)	16,523.85	18,447.83	11.6
2		1,000	400,000	24,902.45	27,919.48	3,017.03	12.1	411.20	73.20	0.00	0.00	(182.40)	25,204.45	28,221.48	12.0
3		2,500	500,000	40,182.12	44,992.09	4,809.97	12.0	514.00	91.50	0.00	0.00	(228.00)	40,559.62	45,369.59	11.9
4		2,500	1,000,000	61,506.12	69,048.70	7,542.58	12.3	1,028.00	183.00	0.00	0.00	(456.00)	62,261.12	69,803.70	12.1
5		5,000	1,000,000	79,864.25	89,484.17	9,619.92	12.0	1,028.00	183.00	0.00	0.00	(456.00)	80,619.25	90,239.17	11.9
6		5,000	2,000,000	122,512.25	137,597.38	15,085.13	12.3	2,056.00	366.00	0.00	0.00	(912.00)	124,022.25	139,107.38	12.2
7		10,000	2,000,000	159,228.49	178,468.34	19,239.85	12.1	2,056.00	366.00	0.00	0.00	(912.00)	160,738.49	179,978.34	12.0
8		10,000	4,000,000	244,524.49	274,694.78	30,170.29	12.3	4,112.00	732.00	0.00	0.00	(1,824.00)	247,544.49	277,714.78	12.2
9		10,000	6,000,000	329,820.49	370,921.22	41,100.73	12.5	6,168.00	1,098.00	0.00	0.00	(2,736.00)	334,350.49	375,451.22	12.3
10		20,000	4,000,000	317,956.99	358,436.69	38,479.70	12.1	4,112.00	732.00	0.00	0.00	(1,824.00)	320,976.99	359,456.69	12.0
11		20,000	8,000,000	488,548.99	548,889.56	60,340.57	12.4	8,224.00	1,464.00	0.00	0.00	(3,648.00)	494,588.99	554,929.56	12.2
12		20,000	12,000,000	659,140.99	741,342.43	82,201.44	12.5	12,336.00	2,196.00	0.00	0.00	(5,472.00)	668,200.99	750,402.43	12.3
13		40,000	16,000,000	976,597.99	1,097,279.12	120,681.13	12.4	16,448.00	2,928.00	0.00	0.00	(7,296.00)	988,677.99	1,109,359.12	12.2
14		40,000	24,000,000	1,317,781.99	1,482,184.86	164,402.87	12.5	24,672.00	4,392.00	0.00	0.00	(10,944.00)	1,335,901.99	1,500,304.86	12.3
15		80,000	32,000,000	1,952,695.97	2,194,058.24	241,362.27	12.4	32,896.00	5,856.00	0.00	0.00	(14,592.00)	1,976,855.97	2,218,218.24	12.2
16		80,000	48,000,000	2,635,063.97	2,963,869.72	328,805.75	12.5	49,344.00	8,784.00	0.00	0.00	(21,888.00)	2,671,303.97	3,000,109.72	12.3
17		160,000	64,000,000	3,904,891.93	4,387,616.48	482,724.55	12.4	65,792.00	11,712.00	0.00	0.00	(29,184.00)	3,953,211.93	4,435,936.48	12.2
18		160,000	96,000,000	5,269,627.93	5,927,239.44	657,611.51	12.5	98,688.00	17,568.00	0.00	0.00	(43,776.00)	5,342,107.93	5,999,719.44	12.3
19	TT (WINTER)	1,000	200,000	15,093.14	16,687.56	1,594.42	10.6	205.60	36.60	0.00	0.00	(91.20)	15,244.14	16,838.56	10.5
20		1,000	400,000	23,622.74	26,121.69	2,498.95	10.6	411.20	73.20	0.00	0.00	(182.40)	23,924.74	26,423.69	10.4
21		2,500	500,000	36,982.85	40,968.89	3,986.04	10.8	514.00	91.50	0.00	0.00	(228.00)	37,360.35	41,346.39	10.7
22		2,500	1,000,000	58,306.85	64,554.20	6,247.35	10.7	1,028.00	183.00	0.00	0.00	(456.00)	59,061.85	65,309.20	10.6
23		5,000	1,000,000	73,465.69	81,437.78	7,972.09	10.9	1,028.00	183.00	0.00	0.00	(456.00)	74,220.69	82,192.78	10.7
24		5,000	2,000,000	116,113.69	128,608.40	12,494.71	10.8	2,056.00	366.00	0.00	0.00	(912.00)	117,623.69	130,118.40	10.6
25		10,000	2,000,000	146,431.39	162,375.55	15,944.16	10.9	2,056.00	366.00	0.00	0.00	(912.00)	147,941.39	163,885.55	10.8
26		10,000	4,000,000	231,727.39	256,716.80	24,989.41	10.8	4,112.00	732.00	0.00	0.00	(1,824.00)	234,747.39	259,736.80	10.6
27		10,000	6,000,000	317,023.39	351,058.04	34,034.65	10.7	6,168.00	1,098.00	0.00	0.00	(2,736.00)	321,553.39	355,588.04	10.6
28		20,000	4,000,000	292,362.78	324,251.12	31,888.34	10.9	4,112.00	732.00	0.00	0.00	(1,824.00)	295,382.78	327,271.12	10.8
29		20,000	8,000,000	462,954.78	512,933.61	49,978.83	10.8	8,224.00	1,464.00	0.00	0.00	(3,648.00)	468,994.78	518,973.61	10.7
30		20,000	12,000,000	633,546.78	701,616.09	68,069.31	10.7	12,336.00	2,196.00	0.00	0.00	(5,472.00)	642,606.78	710,676.09	10.6
31		40,000	16,000,000	925,409.57	1,025,367.21	99,957.64	10.8	16,448.00	2,928.00	0.00	0.00	(7,296.00)	937,489.57	1,037,447.21	10.7
32		40,000	24,000,000	1,266,593.57	1,402,732.19	136,138.62	10.7	24,672.00	4,392.00	0.00	0.00	(10,944.00)	1,284,713.57	1,420,852.19	10.6
33		80,000	32,000,000	1,850,319.12	2,050,234.41	199,915.29	10.8	32,896.00	5,856.00	0.00	0.00	(14,592.00)	1,874,479.12	2,074,394.41	10.7
34		80,000	48,000,000	2,532,687.12	2,804,964.37	272,277.25	10.8	49,344.00	8,784.00	0.00	0.00	(21,888.00)	2,568,927.12	2,841,204.37	10.6
35		160,000	64,000,000	3,700,138.25	4,099,968.85	399,830.60	10.8	65,792.00	11,712.00	0.00	0.00	(29,184.00)	3,748,458.25	4,148,288.85	10.7
36		160,000	96,000,000	5,064,874.25	5,609,428.74	544,554.49	10.8	98,688.00	17,568.00	0.00	0.00	(43,776.00)	5,137,354.25	5,681,908.74	10.6

- (1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.
- (2) RIDER DSMR \$0.000183 PER KWH.
- (3) RIDER ESM \$0.000000 PER KWH FOR CURRENT BILL ONLY.
- (4) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.
- (5) RIDER PSM (\$0.000456) PER KWH.
- (6) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.
- (7) DEMAND VALUE REPRESENTS THE SUM OF ON AND OFF PEAK. FOR BILL CALCULATION, VALUE IS SPLIT USING THE RATIO OF VALUES IN SCHEDULE M-2.3.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
TYPICAL BILL COMPARISON  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_ X \_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S): SEE BELOW  
12 Months Projected with Riders

SCHEDULE N  
PAGE 1 OF 5  
WITNESS:  
B. L. SAILERS

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	BILL DATA LESS RIDERS					RIDERS						TOTAL CURRENT BILL (C+G+H+L) (M)	TOTAL PROPOSED BILL (D+G+H+I+J+K+L) (N)	PERCENT INCREASE (N-M) / M (O)	
		LEVEL of DEMAND (A) (KW)	LEVEL of USE (B) (KWH)	CURRENT BILL(1)(8) (C) (\$)	PROPOSED BILL(1)(8) (D) (\$)	DOLLAR INCREASE (D - C) (E) (\$)	PERCENT INCREASE (E / C) (F) (%)	RIDER FAC (2) (G) (\$)	RIDER DSMR (3) (H) (\$)	RIDER ESM (4) (I) (\$)	RIDER DCI (5) (J) (\$)	RIDER FTR (6) (K) (\$)				RIDER PSM (7) (L) (\$)
1	RS															
2		NA	300	27.24	36.49	9.25	34.0	0.31	2.39	0.00	0.00	0.00	(0.14)	29.80	39.05	31.0
3		NA	400	34.78	44.88	10.10	29.0	0.41	3.19	0.00	0.00	0.00	(0.18)	38.20	48.30	26.4
4		NA	500	42.33	53.27	10.94	25.8	0.51	3.98	0.00	0.00	0.00	(0.23)	46.59	57.53	23.5
5		NA	800	64.96	78.45	13.49	20.8	0.82	6.37	0.00	0.00	0.00	(0.36)	71.79	85.28	18.8
6		NA	1,000	80.06	95.23	15.17	18.9	1.03	7.97	0.00	0.00	0.00	(0.46)	88.60	103.77	17.1
7		NA	1,500	117.78	137.18	19.40	16.5	1.54	11.95	0.00	0.00	0.00	(0.68)	130.59	149.99	14.9
8		NA	2,000	155.51	179.14	23.63	15.2	2.06	15.93	0.00	0.00	0.00	(0.91)	172.59	196.22	13.7

- (1) REFLECTS DSM HEA RIDER OF \$0.10 PER BILL.
- (2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.001028 PER KWH.
- (3) RIDER DSMR \$0.007967 PER KWH.
- (4) RIDER ESM \$0.000000 PER KWH FOR PROPOSED BILL ONLY.
- (5) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.
- (6) RIDER FTR \$0.000000 PER KWH FOR PROPOSED BILL ONLY.
- (7) RIDER PSM (\$0.000456) PER KWH.
- (8) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
TYPICAL BILL COMPARISON  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S): SEE BELOW  
12 Months Projected with Riders

SCHEDULE N  
PAGE 2 OF 5  
WITNESS:  
B. L. SAILERS

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	BILL DATA LESS RIDERS						RIDERS						TOTAL CURRENT BILL (C+G+H+L) (M)	TOTAL PROPOSED BILL (D+G+H+I+J+K+L) (N)	PERCENT INCREASE (N-M) / M (O)
		LEVEL of DEMAND (A) (KW)	LEVEL of USE (B) (KWH)	CURRENT BILL (7) (C) (\$)	PROPOSED BILL (7) (D) (\$)	DOLLAR INCREASE (D - C) (E) (\$)	PERCENT INCREASE (E / C) (F) (%)	RIDER FAC (1) (G) (\$)	RIDER DSMR (2) (H) (\$)	RIDER ESM (3) (I) (\$)	RIDER DCI (4) (J) (\$)	RIDER FTR (5) (K) (\$)	RIDER PSM (6) (L) (\$)			
1	DS	5	2,000	178.29	218.11	39.82	22.3	2.06	5.15	0.00	0.00	0.00	(0.91)	184.59	224.41	21.6
2		10	4,000	341.58	401.95	60.37	17.7	4.11	10.30	0.00	0.00	0.00	(1.82)	354.17	414.54	17.0
3		10	6,000	504.87	585.78	80.91	16.0	6.17	15.46	0.00	0.00	0.00	(2.74)	523.76	604.67	15.4
4		30	6,000	621.12	716.73	95.61	15.4	6.17	15.46	0.00	0.00	0.00	(2.74)	640.01	735.62	14.9
5		30	9,000	771.48	886.01	114.53	14.8	9.25	23.18	0.00	0.00	0.00	(4.10)	799.81	914.34	14.3
6		30	12,000	921.83	1,055.28	133.45	14.5	12.34	30.91	0.00	0.00	0.00	(5.47)	959.61	1,093.06	13.9
7		50	10,000	976.60	1,117.03	140.43	14.4	10.28	25.76	0.00	0.00	0.00	(4.56)	1,008.08	1,148.51	13.9
8		50	15,000	1,227.19	1,399.16	171.97	14.0	15.42	38.64	0.00	0.00	0.00	(6.84)	1,274.41	1,446.38	13.5
9		50	20,000	1,477.79	1,681.28	203.49	13.8	20.56	51.52	0.00	0.00	0.00	(9.12)	1,540.75	1,744.24	13.2
10		75	15,000	1,420.94	1,617.41	196.47	13.8	15.42	38.64	0.00	0.00	0.00	(6.84)	1,468.16	1,664.63	13.4
11		75	20,000	1,671.54	1,899.53	227.99	13.6	20.56	51.52	0.00	0.00	0.00	(9.12)	1,734.50	1,962.49	13.1
12		75	30,000	2,159.11	2,448.45	289.34	13.4	30.84	77.28	0.00	0.00	0.00	(13.68)	2,253.55	2,542.89	12.8
13		100	20,000	1,865.29	2,117.78	252.49	13.5	20.56	51.52	0.00	0.00	0.00	(9.12)	1,928.25	2,180.74	13.1
14		100	30,000	2,366.48	2,682.03	315.55	13.3	30.84	77.28	0.00	0.00	0.00	(13.68)	2,460.92	2,776.47	12.8
15		100	40,000	2,831.36	3,205.40	374.04	13.2	41.12	103.04	0.00	0.00	0.00	(18.24)	2,957.28	3,331.32	12.6
16		300	60,000	5,420.05	6,120.78	700.73	12.9	61.68	154.56	0.00	0.00	0.00	(27.36)	5,608.93	6,309.66	12.5
17		300	90,000	6,923.62	7,813.53	889.91	12.9	92.52	231.84	0.00	0.00	0.00	(41.04)	7,206.94	8,096.85	12.3
18		300	120,000	8,209.36	9,260.98	1,051.62	12.8	123.36	309.12	0.00	0.00	0.00	(54.72)	8,587.12	9,638.74	12.2
19		500	100,000	8,974.81	10,123.78	1,148.97	12.8	102.80	257.60	0.00	0.00	0.00	(45.60)	9,289.61	10,438.58	12.4
20		500	200,000	13,587.36	15,316.56	1,729.20	12.7	205.60	515.20	0.00	0.00	0.00	(91.20)	14,216.96	15,946.16	12.2
21		500	300,000	17,691.66	19,936.96	2,245.30	12.7	308.40	772.80	0.00	0.00	0.00	(136.80)	18,636.06	20,881.36	12.0
22	EH	WINTER														
23		NA	9,400	593.33	691.78	98.45	16.6	9.66	24.21	0.00	0.00	0.00	(4.29)	622.91	721.36	15.8
24		NA	23,600	1,466.97	1,685.03	218.06	14.9	24.26	60.79	0.00	0.00	0.00	(10.76)	1,541.26	1,759.32	14.1
25		NA	37,800	2,340.61	2,678.28	337.67	14.4	38.86	97.37	0.00	0.00	0.00	(17.24)	2,459.60	2,797.27	13.7

- CUSTOMER CHARGE IS BASED ON THREE PHASE SECONDARY SERVICE.  
(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.  
(2) RIDER DSMR \$0.002576 PER KWH.  
(3) RIDER ESM \$0.000000 PER KWH FOR PROPOSED BILL ONLY.  
(4) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.  
(5) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.  
(6) RIDER PSM (\$0.000456) PER KWH.  
(7) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
TYPICAL BILL COMPARISON  
(ELECTRIC SERVICE)

DATA: \_\_\_\_ BASE PERIOD \_\_X\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_X\_\_ ORIGINAL \_\_\_\_ UPDATED \_\_\_\_ REVISED  
WORK PAPER REFERENCE NO(S): SEE BELOW  
12 Months Projected with Riders

SCHEDULE N  
PAGE 3 OF 5  
WITNESS:  
B. L. SAILERS

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	BILL DATA LESS RIDERS					RIDERS							TOTAL	TOTAL	PERCENT
		LEVEL of DEMAND (A)	LEVEL of USE (B)	CURRENT BILL (C)	PROPOSED BILL (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (1) (G)	RIDER DSMR (2) (H)	RIDER ESM (3) (I)	RIDER DCI (4) (J)	RIDER FTR (5) (K)	RIDER PSM (6) (L)	CURRENT BILL (C+G+H+L) (M)	PROPOSED BILL (D+G+H+I+J+K+L) (N)	INCREASE (N-M) / M (O)
1	DT (SUMMER)	500	144,000	11,832.05	13,736.21	1,904.16	16.1	148.03	370.94	0.00	0.00	0.00	(65.66)	12,285.36	14,189.52	15.5
2		500	288,000	17,405.17	20,025.30	2,620.13	15.1	296.06	741.89	0.00	0.00	0.00	(131.33)	18,311.79	20,931.92	14.3
3		800	230,400	18,922.30	21,737.94	2,815.64	14.9	236.85	593.51	0.00	0.00	0.00	(105.06)	19,647.60	22,463.24	14.3
4		800	460,800	27,839.28	31,800.50	3,961.22	14.2	473.70	1,187.02	0.00	0.00	0.00	(210.12)	29,289.88	33,251.10	13.5
5		1,000	288,000	23,649.12	27,072.41	3,423.29	14.5	296.06	741.89	0.00	0.00	0.00	(131.33)	24,555.74	27,979.03	13.9
6		1,000	576,000	34,795.35	39,650.62	4,855.27	14.0	592.13	1,483.78	0.00	0.00	0.00	(262.66)	36,608.60	41,463.87	13.3
7		1,200	345,600	28,375.93	32,406.90	4,030.97	14.2	355.28	890.27	0.00	0.00	0.00	(157.59)	29,463.89	33,494.86	13.7
8		1,200	691,200	41,751.41	47,500.74	5,749.33	13.8	710.55	1,780.53	0.00	0.00	0.00	(315.19)	43,927.30	49,676.63	13.1
9		1,500	432,000	35,466.18	40,408.63	4,942.45	13.9	444.10	1,112.83	0.00	0.00	0.00	(196.99)	36,826.12	41,768.57	13.4
10		1,500	864,000	52,185.52	59,275.92	7,090.40	13.6	888.19	2,225.66	0.00	0.00	0.00	(393.98)	54,905.39	61,995.79	12.9
11	DT (WINTER)	500	144,000	11,397.99	13,244.80	1,846.81	16.2	148.03	370.94	0.00	0.00	0.00	(65.66)	11,851.30	13,698.11	15.6
12		500	288,000	16,872.42	19,422.27	2,549.85	15.1	296.06	741.89	0.00	0.00	0.00	(131.33)	17,779.04	20,328.89	14.3
13		800	230,400	18,227.78	20,951.69	2,723.91	14.9	236.85	593.51	0.00	0.00	0.00	(105.06)	18,953.08	21,676.99	14.4
14		800	460,800	26,986.86	30,835.65	3,848.79	14.3	473.70	1,187.02	0.00	0.00	0.00	(210.12)	28,437.46	32,286.25	13.5
15		1,000	288,000	22,780.96	26,089.62	3,308.66	14.5	296.06	741.89	0.00	0.00	0.00	(131.33)	23,687.58	26,996.24	14.0
16		1,000	576,000	33,729.82	38,444.56	4,714.74	14.0	592.13	1,483.78	0.00	0.00	0.00	(262.66)	35,543.07	40,257.81	13.3
17		1,200	345,600	27,334.16	31,227.54	3,893.38	14.2	355.28	890.27	0.00	0.00	0.00	(157.59)	28,422.12	32,315.50	13.7
18		1,200	691,200	40,472.80	46,053.47	5,580.67	13.8	710.55	1,780.53	0.00	0.00	0.00	(315.19)	42,648.69	48,229.36	13.1
19		1,500	432,000	34,163.95	38,934.42	4,770.47	14.0	444.10	1,112.83	0.00	0.00	0.00	(196.99)	35,523.89	40,294.36	13.4
20		1,500	864,000	50,587.25	57,466.83	6,879.58	13.6	888.19	2,225.66	0.00	0.00	0.00	(393.98)	53,307.12	60,186.70	12.9

- (1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.
- (2) RIDER DSMR \$0.002576 PER KWH.
- (3) RIDER ESM \$0.000000 PER KWH FOR CURRENT BILL ONLY.
- (4) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.
- (5) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.
- (6) RIDER PSM (\$0.000456) PER KWH.
- (7) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH AND THREE PHASE SECONDARY SERVICE.
- (8) DEMAND AND ENERGY VALUES REPRESENT THE SUM OF ON AND OFF PEAK. FOR BILL CALCULATION, VALUES ARE SPLIT USING THE RATIO OF VALUES IN SCHEDULE M-2.3.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
TYPICAL BILL COMPARISON  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X\_\_\_ FORECASTED PERIOD  
TYPE OF FILING: \_\_\_X\_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S): SEE BELOW  
12 Months Projected with Riders

SCHEDULE N  
PAGE 4 OF 5  
WITNESS:  
B. L. SAILERS

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	BILL DATA LESS RIDERS						RIDERS						TOTAL CURRENT BILL	TOTAL PROPOSED BILL	PERCENT INCREASE
		LEVEL of DEMAND (A)	LEVEL of USE (B)	CURRENT BILL (7) (C)	PROPOSED BILL (7) (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (1) (G)	RIDER DSMR (2) (H)	RIDER ESM (3) (I)	RIDER DCI (4) (J)	RIDER FTR (5) (K)	RIDER PSM (6) (L)	(C+G+H+L) (M)	(D+G+H+I+J+K+L) (N)	(N-M) / M (O)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1	DP	100	14,400	1,543.38	1,831.35	287.97	18.7	14.80	37.09	0.00	0.00	0.00	(6.57)	1,588.70	1,876.67	18.1
2		100	28,800	2,278.76	2,703.92	425.16	18.7	29.61	74.19	0.00	0.00	0.00	(13.13)	2,369.43	2,794.59	17.9
3		100	43,200	2,910.25	3,453.35	543.10	18.7	44.41	111.28	0.00	0.00	0.00	(19.70)	3,046.24	3,589.34	17.8
4		200	28,800	2,986.76	3,543.92	557.16	18.7	29.61	74.19	0.00	0.00	0.00	(13.13)	3,077.43	3,634.59	18.1
5		200	57,600	4,457.52	5,289.05	831.54	18.7	59.21	148.38	0.00	0.00	0.00	(26.27)	4,638.84	5,470.37	17.9
6		200	86,400	5,720.51	6,787.93	1,067.42	18.7	88.82	222.57	0.00	0.00	0.00	(39.40)	5,992.50	7,059.92	17.8
7		300	43,200	4,430.14	5,256.48	826.35	18.7	44.41	111.28	0.00	0.00	0.00	(19.70)	4,566.13	5,392.47	18.1
8		300	86,400	6,636.28	7,874.19	1,237.91	18.7	88.82	222.57	0.00	0.00	0.00	(39.40)	6,908.27	8,146.18	17.9
9		300	129,600	8,530.76	10,122.50	1,591.74	18.7	133.23	333.85	0.00	0.00	0.00	(59.10)	8,938.74	10,530.48	17.8
10		500	72,000	7,316.90	8,681.62	1,364.72	18.7	74.02	185.47	0.00	0.00	0.00	(32.83)	7,543.56	8,908.28	18.1
11		500	144,000	10,993.79	13,044.46	2,050.67	18.7	148.03	370.94	0.00	0.00	0.00	(65.66)	11,447.10	13,497.77	17.9
12		500	216,000	14,151.27	16,791.65	2,640.38	18.7	222.05	556.42	0.00	0.00	0.00	(98.50)	14,831.24	17,471.62	17.8
13		800	115,200	11,647.03	13,819.32	2,172.29	18.7	118.43	296.76	0.00	0.00	0.00	(52.53)	12,009.69	14,181.98	18.1
14		800	230,400	17,530.07	20,799.87	3,269.80	18.7	236.85	593.51	0.00	0.00	0.00	(105.06)	18,255.37	21,525.17	17.9
15		800	345,600	22,582.03	26,795.38	4,213.35	18.7	355.28	890.27	0.00	0.00	0.00	(157.59)	23,669.99	27,883.34	17.8
16		1000	144,000	14,533.79	17,244.46	2,710.67	18.7	148.03	370.94	0.00	0.00	0.00	(65.66)	14,987.10	17,697.77	18.1
17		1000	288,000	21,887.58	25,970.14	4,082.56	18.7	296.06	741.89	0.00	0.00	0.00	(131.33)	22,794.20	26,876.76	17.9
18		1000	432,000	28,202.54	33,464.52	5,261.99	18.7	444.10	1,112.83	0.00	0.00	0.00	(196.99)	29,562.48	34,824.46	17.8
19		1500	216,000	21,750.89	25,807.30	4,056.61	18.7	222.05	556.42	0.00	0.00	0.00	(98.50)	22,430.66	26,487.27	18.1
20		1500	432,000	32,781.38	38,895.82	6,114.44	18.7	444.10	1,112.83	0.00	0.00	0.00	(196.99)	34,141.32	40,255.76	17.9
21		1500	648,000	42,253.80	50,137.40	7,883.59	18.7	666.14	1,669.25	0.00	0.00	0.00	(295.49)	44,293.70	52,177.30	17.8
22		3000	432,000	43,401.38	51,495.82	8,094.44	18.7	444.10	1,112.83	0.00	0.00	0.00	(196.99)	44,761.32	52,855.76	18.1
23		3000	864,000	65,462.75	77,672.86	12,210.11	18.7	888.19	2,225.66	0.00	0.00	0.00	(393.98)	68,182.62	80,392.73	17.9
24		3000	1,296,000	84,407.61	100,156.01	15,748.40	18.7	1,332.29	3,338.50	0.00	0.00	0.00	(590.98)	88,487.42	104,235.82	17.8

- (1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.
- (2) RIDER DSMR \$0.002576 PER KWH.
- (3) RIDER ESM \$0.000000 PER KWH FOR CURRENT BILL ONLY.
- (4) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.
- (5) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.
- (6) RIDER PSM (\$0.000456) PER KWH.
- (7) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.  
CASE NO. 2017-00321  
TYPICAL BILL COMPARISON  
(ELECTRIC SERVICE)

DATA: \_\_\_ BASE PERIOD \_\_\_X FORECASTED PERIOD  
TYPE OF FILING: \_\_\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED  
WORK PAPER REFERENCE NO(S): SEE BELOW  
12 Months Projected with Riders

SCHEDULE N  
PAGE 5 OF 5  
WITNESS:  
B. L. SAILERS

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	BILL DATA LESS RIDERS						RIDERS					TOTAL	TOTAL	PERCENT
		LEVEL of DEMAND (A)	LEVEL of USE (B)	CURRENT BILL (6)(7) (C)	PROPOSED BILL (6)(7) (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (1) (G)	RIDER DSMR (2) (H)	RIDER ESM (3) (I)	RIDER FTR (4) (J)	RIDER PSM (5) (K)	CURRENT BILL (C+G+H+I) (M)	PROPOSED BILL (6) (D+G+H+I+K+L) (N)	PERCENT INCREASE (N-M) / M (O)
1	TT (SUMMER)	1,000	200,000	16,372.50	18,296.39	1,923.89	11.8	205.60	36.60	0.00	0.00	(91.20)	16,523.50	18,447.39	11.6
2		1,000	400,000	24,902.10	27,918.97	3,016.87	12.1	411.20	73.20	0.00	0.00	(182.40)	25,204.10	28,220.97	12.0
3		2,500	500,000	40,181.24	44,990.96	4,809.72	12.0	514.00	91.50	0.00	0.00	(228.00)	40,558.74	45,368.46	11.9
4		2,500	1,000,000	61,505.24	69,047.42	7,542.18	12.3	1,028.00	183.00	0.00	0.00	(456.00)	62,260.24	69,802.42	12.1
5		5,000	1,000,000	79,862.49	89,481.93	9,619.44	12.0	1,028.00	183.00	0.00	0.00	(456.00)	80,617.49	90,236.93	11.9
6		5,000	2,000,000	122,510.49	137,594.87	15,084.38	12.3	2,056.00	366.00	0.00	0.00	(912.00)	124,020.49	139,104.87	12.2
7		10,000	2,000,000	159,224.97	178,463.86	19,238.89	12.1	2,056.00	366.00	0.00	0.00	(912.00)	160,734.97	179,973.86	12.0
8		10,000	4,000,000	244,520.97	274,689.72	30,168.75	12.3	4,112.00	732.00	0.00	0.00	(1,824.00)	247,540.97	277,709.72	12.2
9		10,000	6,000,000	329,816.97	370,915.59	41,098.62	12.5	6,168.00	1,098.00	0.00	0.00	(2,736.00)	334,346.97	375,445.59	12.3
10		20,000	4,000,000	317,949.95	356,427.71	38,477.76	12.1	4,112.00	732.00	0.00	0.00	(1,824.00)	320,969.95	359,447.71	12.0
11		20,000	8,000,000	488,541.95	548,879.45	60,337.50	12.4	8,224.00	1,464.00	0.00	0.00	(3,648.00)	494,581.95	554,919.45	12.2
12		20,000	12,000,000	659,133.95	741,331.18	82,197.23	12.5	12,336.00	2,196.00	0.00	0.00	(5,472.00)	668,193.95	750,391.18	12.3
13		40,000	16,000,000	976,583.90	1,097,258.91	120,675.01	12.4	16,448.00	2,928.00	0.00	0.00	(7,296.00)	988,663.90	1,109,338.91	12.2
14		40,000	24,000,000	1,317,767.90	1,482,162.38	164,394.48	12.5	24,672.00	4,392.00	0.00	0.00	(10,944.00)	1,335,887.90	1,500,282.38	12.3
15		80,000	32,000,000	1,952,667.80	2,194,017.81	241,350.01	12.4	32,896.00	5,856.00	0.00	0.00	(14,592.00)	1,976,827.80	2,218,177.81	12.2
16		80,000	48,000,000	2,635,035.80	2,963,824.75	328,788.95	12.5	49,344.00	8,784.00	0.00	0.00	(21,888.00)	2,671,275.80	3,000,064.75	12.3
17		160,000	64,000,000	3,904,835.59	4,387,535.62	482,700.03	12.4	65,792.00	11,712.00	0.00	0.00	(29,184.00)	3,953,155.59	4,435,855.62	12.2
18		160,000	96,000,000	5,269,571.59	5,927,149.51	657,577.92	12.5	98,688.00	17,568.00	0.00	0.00	(43,776.00)	5,342,051.59	5,989,629.51	12.3
19	TT (WINTER)	1,000	200,000	15,093.74	16,688.39	1,594.65	10.6	205.60	36.60	0.00	0.00	(91.20)	15,244.74	16,839.39	10.5
20		1,000	400,000	23,623.34	26,122.67	2,499.33	10.6	411.20	73.20	0.00	0.00	(182.40)	23,925.34	26,424.67	10.4
21		2,500	500,000	36,984.36	40,970.99	3,986.63	10.8	514.00	91.50	0.00	0.00	(228.00)	37,361.86	41,348.49	10.7
22		2,500	1,000,000	58,308.36	64,556.71	6,248.35	10.7	1,028.00	183.00	0.00	0.00	(456.00)	59,063.36	65,311.71	10.6
23		5,000	1,000,000	73,468.73	81,441.97	7,973.24	10.9	1,028.00	183.00	0.00	0.00	(456.00)	74,223.73	82,196.97	10.7
24		5,000	2,000,000	116,116.73	128,613.40	12,496.67	10.8	2,056.00	366.00	0.00	0.00	(912.00)	117,626.73	130,123.40	10.6
25		10,000	2,000,000	146,437.45	162,383.94	15,946.49	10.9	2,056.00	366.00	0.00	0.00	(912.00)	147,947.45	163,893.94	10.8
26		10,000	4,000,000	231,733.45	256,726.80	24,993.35	10.8	4,112.00	732.00	0.00	0.00	(1,824.00)	234,753.45	259,746.80	10.6
27		10,000	6,000,000	317,029.45	351,069.68	34,040.23	10.7	6,168.00	1,098.00	0.00	0.00	(2,736.00)	321,559.45	355,599.68	10.6
28		20,000	4,000,000	292,374.91	324,267.87	31,892.96	10.9	4,112.00	732.00	0.00	0.00	(1,824.00)	295,394.91	327,287.87	10.8
29		20,000	8,000,000	462,966.91	512,953.62	49,986.71	10.8	8,224.00	1,464.00	0.00	0.00	(3,648.00)	469,006.91	518,993.62	10.7
30		20,000	12,000,000	633,558.91	701,639.35	68,080.44	10.7	12,336.00	2,196.00	0.00	0.00	(5,472.00)	642,618.91	710,699.35	10.6
31		40,000	16,000,000	925,433.82	1,025,407.23	99,973.41	10.8	16,448.00	2,928.00	0.00	0.00	(7,296.00)	937,513.82	1,037,487.23	10.7
32		40,000	24,000,000	1,266,617.82	1,402,778.71	136,160.89	10.7	24,672.00	4,392.00	0.00	0.00	(10,944.00)	1,284,737.82	1,420,898.71	10.6
33		80,000	32,000,000	1,850,367.63	2,050,314.46	199,946.83	10.8	32,896.00	5,856.00	0.00	0.00	(14,592.00)	1,874,527.63	2,074,474.46	10.7
34		80,000	48,000,000	2,532,735.63	2,805,057.41	272,321.78	10.8	49,344.00	8,784.00	0.00	0.00	(21,888.00)	2,568,975.63	2,841,297.41	10.6
35		160,000	64,000,000	3,700,235.25	4,100,128.92	399,893.67	10.8	65,792.00	11,712.00	0.00	0.00	(29,184.00)	3,748,555.25	4,148,448.92	10.7
36		160,000	96,000,000	5,064,971.25	5,609,614.83	544,643.58	10.8	98,688.00	17,568.00	0.00	0.00	(43,776.00)	5,137,451.25	5,682,094.83	10.6

(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.

(2) RIDER DSMR \$0.000183 PER KWH.

(3) RIDER ESM \$0.000000 PER KWH FOR CURRENT BILL ONLY.

(4) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.

(5) RIDER PSM (\$0.000456) PER KWH.

(6) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(7) DEMAND VALUE REPRESENTS THE SUM OF ON AND OFF PEAK. FOR BILL CALCULATION, VALUE IS SPLIT USING THE RATIO OF VALUES IN SCHEDULE M-2.3.