

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

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

CASE NO. 2019-00271

FILING REQUIREMENTS

VOLUME 12

Duke Energy Kentucky, Inc.
Case No. 2019-00271
Forecasted Test Period Filing Requirements
Table of Contents

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

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

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

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

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

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

10	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
10	60	807 KAR 5:001 Section (17)(1)	<p>(1) Public postings.</p> <p>(a) A utility shall post at its place of business a copy of the notice no later than the date the application is submitted to the commission.</p> <p>(b) A utility that maintains a Web site shall, within five (5) business days of the date the application is submitted to the commission, post on its Web sites:</p> <ol style="list-style-type: none"> 1. A copy of the public notice; and 2. A hyperlink to the location on the commission's Web site where the case documents are available. <p>(c) The information required in paragraphs (a) and (b) of this subsection shall not be removed until the commission issues a final decision on the application.</p>	Amy B. Spiller
10	61	807 KAR 5:001 Section 17(2)	<p>(2) Customer Notice.</p> <p>(a) If a utility has twenty (20) or fewer customers, the utility shall mail a written notice to each customer no later than the date on which the application is submitted to the commission.</p> <p>(b) If a utility has more than twenty (20) customers, it shall provide notice by:</p> <ol style="list-style-type: none"> 1. Including notice with customer bills mailed no later than the date the application is submitted to the commission; 2. Mailing a written notice to each customer no later than the date the application is submitted to the commission; 3. Publishing notice once a week for three (3) consecutive weeks in a prominent manner in a newspaper of general circulation in the utility's service area, the first publication to be made no later than the date the application is submitted to the commission; or 4. Publishing notice in a trade publication or newsletter delivered to all customers no later than the date the application is submitted to the commission. <p>(c) A utility that provides service in more than one (1) county may use a combination of the notice methods listed in paragraph (b) of this subsection.</p>	Amy B. Spiller

10	62	807 KAR 5:001 Section 17(3)	<p>(3) Proof of Notice. A utility shall file with the commission no later than forty-five (45) days from the date the application was initially submitted to the commission:</p> <p>(a) If notice is mailed to its customers, an affidavit from an authorized representative of the utility verifying the contents of the notice, that notice was mailed to all customers, and the date of the mailing;</p> <p>(b) If notice is published in a newspaper of general circulation in the utility's service area, an affidavit from the publisher verifying the contents of the notice, that the notice was published, and the dates of the notice's publication; or</p> <p>(c) If notice is published in a trade publication or newsletter delivered to all customers, an affidavit from an authorized representative of the utility verifying the contents of the notice, the mailing of the trade publication or newsletter, that notice was included in the publication or newsletter, and the date of mailing.</p>	Amy B. Spiller
----	----	--------------------------------	--	----------------

10	63	807 KAR 5:001 Section 17(4)	<p>(4) Notice Content. Each notice issued in accordance with this section shall contain:</p> <p>(a) The proposed effective date and the date the proposed rates are expected to be filed with the commission;</p> <p>(b) The present rates and proposed rates for each customer classification to which the proposed rates will apply;</p> <p>(c) The amount of the change requested in both dollar amounts and percentage change for each customer classification to which the proposed rates will apply;</p> <p>(d) The amount of the average usage and the effect upon the average bill for each customer classification to which the proposed rates will apply, except for local exchange companies, which shall include the effect upon the average bill for each customer classification for the proposed rate change in basic local service;</p> <p>(e) A statement that a person may examine this application at the offices of (utility name) located at (utility address);</p> <p>(f) A statement that a person may examine this application at the commission's offices located at 211 Sower Boulevard, Frankfort, Kentucky, Monday through Friday, 8:00 a.m. to 4:30 p.m., or through the commission's Web site at http://psc.ky.gov;</p> <p>(g) A statement that comments regarding the application may be submitted to the Public Service Commission through its Web site or by mail to Public Service Commission, Post Office Box 615, Frankfort, Kentucky 40602;</p> <p>(h) A statement that the rates contained in this notice are the rates proposed by (utility name) but that the Public Service Commission may order rates to be charged that differ from the proposed rates contained in this notice;</p> <p>(i) A statement that a person may submit a timely written request for intervention to the Public Service Commission, Post Office Box 615, Frankfort, Kentucky 40602, establishing the grounds for the request including the status and interest of the party; and</p> <p>(j) A statement that if the commission does not receive a written request for intervention within thirty (30) days of initial publication or mailing of the notice, the commission may take final action on the application.</p>	Jeff L. Kern
10	64	807 KAR 5:001 Section 17(5)	(5) Abbreviated form of notice. Upon written request, the commission may grant a utility permission to use an abbreviated form of published notice of the proposed rates, provided the notice includes a coupon that may be used to obtain all the required information.	N/A

11	-	807 KAR 5:001 Section 16(8)(a) through (k)	Schedule Book (Schedules A-K)	Various
12	-	807 KAR 5:001 Section 16(8)(l) through (n)	Schedule Book (Schedules L-N)	Jeff L. Kern
13	-	-	Work Papers	Various
14	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 1 of 4)	Various
15	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 2 of 4)	Various
16	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 3 of 4)	Various
17	-	807 KAR 5:001 Section 16(7)(a)	Testimony (Volume 4 of 4)	Various
18-19	-	KRS 278.2205(6)	Cost Allocation Manual	Legal

Before

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC CASE NO. 2019-00271

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, 2019

Forecasted Period: Twelve Months Ended March 31, 2021

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. 2019-00271
NARRATIVE RATIONALE FOR TARIFF CHANGES (SCHEDULE L)
ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED
TYPE OF FILING: ORIGINAL UPDATED REVISED PAGE 1 OF 11 SCHEDULE L
WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: J. Kern

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 12.5%. Each rate is then designed to reflect the results of the cost of service study following a 5.0% reduction of subsidy excess revenues.

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: Appendix A **TYPE: Example Bill** (T)

Explanation of Proposal:

The example bill image is revised per the testimony of witness Retha Hunsicker.

Rationale:

Refer to the testimony of witness Retha Hunsicker..

Location Reference:

(1) Service Regulations, Appendix A, All Pages

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

Explanation of Proposal:

The "partial payment plan" is being renamed "installment plan".

Rationale:

The name is being changed to "installment plan" to better reflect the type of payment agreement in which the customer will be enrolled.

DUKE ENERGY KENTUCKY
CASE NO. 2019-00271
NARRATIVE RATIONALE FOR TARIFF CHANGES (SCHEDULE L)
ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED
TYPE OF FILING: X ORIGINAL _____ UPDATED _____ REVISED _____ PAGE 2 OF 11
WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: J. Kern

Location Reference:

(1) Sheet No. 25, Page 4 of 4

RATE IDENTIFIER: Rate RS, Residential Service **TYPE: Domestic; Flat** **(I)**

Explanation of Proposal:

A typical residential customer using 1,000 kWh a month will see an increase of 16.2%. The increase is based upon the revenue requirement established by the cost of service study.

Rationale:

The customer charge is increased 27.3% 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 (I,R)**

Explanation of Proposal:

An overall increase of 10.5% 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, SP, GS-FL and Interdepartmental are summed and distributed proportionally so these schedules receive a similar increase.

Rationale:

The customer charge for the smaller non-residential customers has been decreased by 12.5% 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.

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** **(I,R)**

Explanation of Proposal:

An overall increase of 10.1% is proposed to Rate DT to recover the allocated increase from the cost of service study.

DUKE ENERGY KENTUCKY
CASE NO. 2019-00271
NARRATIVE RATIONALE FOR TARIFF CHANGES (SCHEDULE L)
ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED
TYPE OF FILING: ORIGINAL UPDATED REVISED PAGE 4 OF 11 SCHEDULE L
WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: J. Kern

the remaining cost of service revenue requirement. To avoid confusion and possible oversight, the reconnection charge was changed to a reference to the reconnection charge tariff sheet.

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** **(I)**

Explanation of Proposal:

An overall increase of 14.6% 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, SP, GS-FL and Interdepartmental 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.

Location Reference:

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

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

Explanation of Proposal:

An overall increase of 11.5% is proposed to Rate DP to recover the allocated increase from the cost of service study.

Rationale:

The customer charge will remain \$117. The demand and energy charges are increased proportional to maintain the same relative percentage of revenue recovery as under current rates. The explanation of the maximum monthly rate calculation is revised to refer to "applicable riders" rather than listing individual riders to avoid confusion and possible oversight.

Location Reference:

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

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

DUKE ENERGY KENTUCKY
CASE NO. 2019-00271
NARRATIVE RATIONALE FOR TARIFF CHANGES (SCHEDULE L)
ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED
TYPE OF FILING: ORIGINAL UPDATED REVISED PAGE 5 OF 11 SCHEDULE L
WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: J. Kern

Explanation of Proposal:

An overall increase of 7.5% is proposed to Rate TT to recover the allocated increase from the cost of service study.

Rationale:

The customer charge will remain \$500. The total energy charge is adjusted to provide the same relative percentage of revenue recovery as experienced with current rates. The distribution demand charges are increased to recover the remaining cost of service revenue requirement; recovering the same relative percentage as current rates.

Location Reference:

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

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

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.

Location Reference:

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

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

Explanation of Proposal:

An increase of 10.7% 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.

Location Reference:

(1) Sheet No. 60, Pages 2 thru 4 of 6

DUKE ENERGY KENTUCKY
CASE NO. 2019-00271
NARRATIVE RATIONALE FOR TARIFF CHANGES (SCHEDULE L)
ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED
TYPE OF FILING: ORIGINAL UPDATED REVISED PAGE 6 OF 11 SCHEDULE L
WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: J. Kern

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

Explanation of Proposal:

An increase of 11.1% 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.

Location Reference:

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

RATE IDENTIFIER: Rate UOLS, Unmetered Outdoor Lighting Electric Service **TYPE: Flat Rate** **(I)**

Explanation of Proposal:

An increase of 11.3% 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.

Location Reference:

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

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

Explanation of Proposal:

The rate schedule applicable to LED (Light Emitting Diode) technology lighting fixtures was updated to include new descriptions for some current options and new options for fixtures and poles as well as pole foundations, brackets and wiring. Rates will be determined by the combination of the various categories. There are currently no customers served under Rate LED.

Rationale:

Charges for existing options were increased based on the overall increase for other street lighting rates, with the charges for new options calculated through the levelized fixed charge rate factor (LFCR) and item cost.

DUKE ENERGY KENTUCKY
CASE NO. 2019-00271
NARRATIVE RATIONALE FOR TARIFF CHANGES (SCHEDULE L)
ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED
TYPE OF FILING: ORIGINAL UPDATED REVISED PAGE 7 OF 11 SCHEDULE L
WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: J. Kern

Location Reference:

(1) Sheet No. 64, All Pages

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

Explanation of Proposal:

An increase of 10.6% 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.

Location Reference:

(1) Sheet No. 66, Page 2 of 4

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

Explanation of Proposal:

An increase of 11.3% 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.

Location Reference:

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

RATE IDENTIFIER: Rate SE, Street Lighting Service - Overhead Equivalent **TYPE: Flat Rate** **(I)**

Explanation of Proposal:

An increase of 10.6% 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.

DUKE ENERGY KENTUCKY
CASE NO. 2019-00271
NARRATIVE RATIONALE FOR TARIFF CHANGES (SCHEDULE L)
ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED
TYPE OF FILING: ORIGINAL UPDATED REVISED PAGE 8 OF 11 SCHEDULE L
WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: J. Kern

Location Reference:

(1) Sheet No. 69, Page 2 of 3

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

Explanation of Proposal:

Duke Energy Kentucky proposes to change Rider PSM as described in witness Sarah Lawler's testimony to include net revenues for electric vehicle charging stations.

Rationale:

Refer to witness Sarah Lawler's testimony for detail related to the proposed changes to this rider.

Location Reference:

(1) Sheet No. 82, Page 1 and 2 of 3

RATE IDENTIFIER: Rate GSA, Green Source Advantage **TYPE: Renewable Energy** **(N)**

Explanation of Proposal:

Duke Energy Kentucky proposes a new rate described in witness Andrew S. Ritch's testimony to allow customers to contribute to the development of a specific renewable resource.

Rationale:

Refer to witness Andrew S. Ritch's testimony for detail related to the proposed rate.

Location Reference:

(1) Sheet No. 87, All Pages

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

Explanation of Proposal:

Company proposes changes to reconnection charges reflecting actual costs of reconnecting service, and the inclusion of a tamper penalty fee as described in witness Lesley G. Quick's testimony. The Company also proposes the elimination of the charge for combined gas and electric reconnections.

DUKE ENERGY KENTUCKY
CASE NO. 2019-00271
NARRATIVE RATIONALE FOR TARIFF CHANGES (SCHEDULE L)
ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED
TYPE OF FILING: ORIGINAL UPDATED REVISED PAGE 9 OF 11 SCHEDULE L
WORK PAPER REFERENCE NO(S): See Data Reference WITNESS RESPONSIBLE: J. Kern

Rationale:

Charges reflect the actual cost for Company to reconnect service for both remote and non-remote reconnections. The rationale for the tamper penalty fee can be found in the testimony of Lesley G. Quick. Since non-remote reconnections require the dispatching of separate crews, one for gas and one for electric, there is no cost savings for simultaneous reconnections.

Location Reference:

(1) Sheet No. 91, Pages 1 and 2 of 2

RATE IDENTIFIER: Charge for Reconnection of Gas Service

TYPE: Service Regulations, (D,N) Section I, Company's Right to Cancel Service Agreement or to Suspend Service

Explanation of Proposal:

Company proposes the inclusion of a tamper penalty fee as described in witness Lesley G. Quick's testimony. The Company also proposes the elimination of the charge for combined gas and electric reconnections.

Rationale:

The rationale for the tamper penalty fee can be found in the testimony of Lesley G. Quick. Since non-remote reconnections require the dispatching of separate crews, one for gas and one for electric, there is no cost savings for simultaneous reconnections.

Location Reference:

(1) Sheet No. 81 of KY.P.S.C. Gas No. 2, Page 1 of 1

RATE IDENTIFIER: Rate DPA, Rate for Distribution Pole Attachments (formerly Rate CATV)

TYPE: Flat Rate (I)

Explanation of Proposal:

Per foot rates are revised for pole attachments according to the calculations specified by the Commission.

Rationale:

Duke Energy Kentucky 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 of 6

DUKE ENERGY KENTUCKY
CASE NO. 2019-00271
NARRATIVE RATIONALE FOR TARIFF CHANGES (SCHEDULE L)
ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED
TYPE OF FILING: ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): See Data Reference

SCHEDULE L
PAGE 10 OF 11
WITNESS RESPONSIBLE: J. Kern

**RATE IDENTIFIER: Cogeneration and Small Power
Production Sale and Purchase
100 kW or Less**

TYPE: Cogeneration Rate (I)

Explanation of Proposal:

Company proposes to revise the Energy Purchase Rate and Capacity Purchase Rate consistent with avoided costs.

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.

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 (I)

Explanation of Proposal:

Company proposes to revise the Capacity Purchase Rate consistent with avoided cost.

Rationale:

The capacity purchase rate is calculated from Company's last IRP filing.

Location Reference:

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

RATE IDENTIFIER: Local Franchise Fee

TYPE: Government Fees (D,T)

Explanation of Proposal:

Company proposes deleting language that restricts the rider to franchise fees collected through gross receipts.

Rationale:

There are several different fee arrangements charged by municipalities beyond just those based on gross receipts. This change will allow flexibility in how local governments structure the fees they impose.

Location Reference:

(1) Sheet No. 95, Page 1 of 1

DUKE ENERGY KENTUCKY
CASE NO. 2019-00271
NARRATIVE RATIONALE FOR TARIFF CHANGES (SCHEDULE L)
ELECTRIC SERVICE

DATA: 12 MONTHS ESTIMATED
TYPE OF FILING: ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S): See Data Reference
PAGE 11 OF 11 SCHEDULE L
WITNESS RESPONSIBLE: J. Kern

RATE IDENTIFIER: Rate RTP

TYPE: Real Time Pricing (I)

Explanation of Proposal:

Company proposes revised charges based on the cost of service study.

Rationale:

Company proposes to revise the Energy Delivery Charge using values from the cost of service study.

Location Reference:

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

KY. P.S.C. Electric No. 2
 Second Revised Sheet No. 01
 Cancels and Supersedes
 First Sheet No. 01
 Page 1 of 2

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

TABLE OF CONTENTS

<u>Tariff Sheet</u>	<u>Description</u>	<u>Summary of Applicability*</u>
<u>No. Series</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.

Issued by authority of an Order of the Kentucky Public Service Commission dated _____ in Case No. 2017-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

KY. P.S.C. Electric No. 2
Second Revised Sheet No. 01
Cancels and Supersedes
First Sheet No. 01
Page 2 of 2

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

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 _____ in Case No. 2017-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Seventy-Ninth Revised Sheet No. 10
Cancels and Supersedes
Seventy-Eighth Revised Sheet No. 10
Page 1 of 4

INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED

	<u>Sheet No.</u>	<u>Effective Date</u>	
<u>SERVICE REGULATIONS</u>			
Service Agreements.....	20	10/03/19	(T)
Supplying and Taking of Service.....	21	10/03/19	(T)
Customer's Installations.....	22	10/03/19	(T)
Company's Installation.....	23	10/03/19	(T)
Metering.....	24	10/03/19	(T)
Billing and Payment.....	25	10/03/19	(T)
Deposits.....	26	10/03/19	(T)
Application of Service Regulations.....	27	10/03/19	(T)
Reserved for Future Use.....	28-29		
<u>RESIDENTIAL SERVICE</u>			
Rate RS, Residential Service.....	30	10/03/19	(T)
Reserved for Future Use.....	31-39		
<u>DISTRIBUTION VOLTAGE SERVICE</u>			
Rate DS, Service at Secondary Distribution Voltage.....	40	10/03/19	(T)
Rate DT, Time-of-Day Rate For Service at Distribution Voltage.....	41	10/03/19	(T)
Rate EH, Optional Rate for Electric Space Heating.....	42	10/03/19	(T)
Rate SP, Seasonal Sports Service.....	43	10/03/19	(T)
Rate GS-FL, General Service Rate for Small Fixed Loads.....	44	10/03/19	(T)
Rate DP, Service at Primary Distribution Voltage.....	45	10/03/19	(T)
Reserved for Future Use.....	46-49		
<u>TRANSMISSION VOLTAGE SERVICE</u>			
Reserved for Future Use.....	50		
Rate TT, Time-of-Day Rate for Service at Transmission Voltage.....	51	10/03/19	(T)
Reserved for Future Use.....	52-57		
Rider GSS, Generation Support Service.....	58	10/03/19	(T)
Reserved for Future Use.....	59	10/03/19	(T)

Issued by authority of an Order by the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
 Seventy-Ninth Revised Sheet No. 10
 Cancels and Supersedes
 Seventy-Eighth Revised Sheet No. 10
 Page 2 of 4

INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

	<u>Sheet No.</u>	<u>Effective Date</u>	
<u>LIGHTING SERVICE</u>			
Rate SL, Street Lighting Service.....	60	10/03/19	(T)
Rate TL, Traffic Lighting Service.....	61	10/03/19	(T)
Rate UOLS, Unmetered Outdoor Lighting.....	62	10/03/19	(T)
Rate OL-E, Outdoor Lighting Equipment Installation.....	63	10/03/19	(T)
Rate LED, Outdoor LED Lighting Service.....	64	10/03/19	(T)
Reserved for Future Use.....	65	10/03/19	(T)
Rate NSU, Street Lighting Service for Non-Standard Units.....	66	10/03/19	(T)
Reserved for Future Use.....	67	10/03/19	(T)
Rate SC, Street Lighting Service – Customer Owned.....	68	10/03/19	(T)
Rate SE, Street Lighting Service – Overhead Equivalent.....	69	10/03/19	(T)
<u>TARIFF RIDERS</u>			
Rider PPS, Premier Power Service.....	70	10/03/19	(T)
Rider TS, Temporary Service.....	71	10/03/19	(T)
Rider X, Line Extension.....	72	10/03/19	(T)
Rider LM, Load Management Rider.....	73	10/03/19	(T)
Rider AMO, Advanced Meter Opt-out - Residential.....	74	10/03/19	(T)
Rider DSM, Demand Side Management Cost Recovery Program...	75	10/03/19	(T)
Rider ESM, Environmental Surcharge Mechanism	76	10/03/19	(T)
Rider PLM, Peak Load Management Program.....	77	10/03/19	(T)
Rider DSMR, Demand Side Management Rate.....	78	10/03/19	(T)
Rider BDP, Backup Delivery Point Capacity Rider	79	10/03/19	(T)
<u>FUEL RIDERS</u>			
Rider FAC, Fuel Adjustment Clause.....	80	10/03/19	(T)
Reserved for Future Use.....	81		
Rider PSM, Off-System Sales Profit Sharing Mechanism.....	82	10/03/19	(T)
Reserved for Future Use.....	83		
Reserved for Future Use.....	84		(T)
Rider BR, Brownfield Redevelopment Rider.....	85	10/03/19	
Rider DIR, Development Incentive Rider.....	86	10/03/19	
Reserved for Future Use.....	87		(T)
Rider GP, Green Power Rider.....	88	10/03/19	(T)
Rider NM, Net Metering Rider.....	89	10/03/19	(T)

Issued by authority of an Order by the Kentucky Public Service
 Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

	<u>Sheet No.</u>	<u>Effective Date</u>	
<u>MISCELLANEOUS</u>			
Bad Check Charge.....	90	10/03/19	(T)
Charge for Reconnection of Service.....	91	10/03/19	(T)
Rate DPA, Distribution Pole Attachments.....	92	10/03/19	(T)
Cogeneration and Small Power Production Sale and Purchase – 100 kW or Less.....	93	10/03/19	(T)
Cogeneration And Small Power Production Sale and Purchase – Greater Than 100 kW.....	94	10/03/19	(T)
Local Government Fee.....	95	10/03/19	(T)
Rate UDP-R, Underground Residential Distribution Policy.....	96	10/03/19	(T)
Rate UDP-G, General Underground Distribution Policy.....	97	10/03/19	(T)
Electricity Emergency Procedures for Long Term Fuel Shortages.....	98	10/03/19	(T)
Rate RTP, Real Time Pricing Program.....	99	10/03/19	(T)
Emergency Electric Procedures.....	100	10/03/19	(T)
Rate MDC, Meter Data Charges.....	101	10/03/19	(T)
Appliance Recycling Program.....	102	10/01/18	
Energy Efficiency Education Program For Schools Program (EEEEPS).	103	10/01/18	
Residential Smart Saver.....	104	10/01/18	
Low Income Neighborhood Program.....	105	10/01/18	
Low Income Services Program.....	106	10/01/18	
My Home Energy Report Program.....	107	10/01/18	
Residential Direct Load Control – Power Manager Program.....	108	10/01/18	
Residential Home Energy House Call.....	109	10/01/18	
Energy Star Products.....	110	10/01/18	
Smart \$aver Custom Program.....	111	10/01/18	
Smart \$aver Energy Assessments Program.....	112	10/01/18	
CI High Efficiency Incentive.....	113	10/01/18	
Energy Efficiency Website.....	114	10/01/18	
Personalized Energy Report (PER).....	115	10/01/18	
Smart \$aver Custom Program.....	116	10/01/18	
Payment Plus.....	117	10/01/18	
Small Business Energy Saver Program.....	118	10/01/18	
Non-Residential Pay For Performance Program.....	121	10/01/18	

Issued by authority of an Order by the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Seventy-Ninth Revised Sheet No. 10
Cancels and Supersedes
Seventy-Eighth Revised Sheet No. 10
Page 4 of 4

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	Villa Hills
Fairview	Walton
Florence	Wilder
Fort Mitchell	
Fort Thomas	Woodlawn
Fort Wright	
Grant County	

Issued by authority of an Order by the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 21
Cancels and Supersedes
Second Revised Sheet No. 21
Page 2 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 22
Cancels and Supersedes
Second Revised Sheet No. 22
Page 1 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 22
Cancels and Supersedes
Second Revised Sheet No. 22
Page 2 of 2

SECTION III - CUSTOMER'S INSTALLATIONS (Contd.)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fourth Revised Sheet No. 23
Cancels and Supersedes
Third Revised Sheet No. 23
Page 1 of 2

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.

In situations where Company installs residential underground service lines as part of new construction, or to replace a failed existing customer-owned underground service line, or to increase service reliability at the discretion of the Company, Company will own and maintain the residential underground service lines going forward. Residential service is defined as electric service (400 amp or less) other than three phase service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings where distribution lines are adjacent to the premises to be served. Commercial and industrial services are excluded from this definition of residential service. The property must be owned by the customer and not a third party such as an HOA or management company, and the service line must not cross another owner's property. Company reserves the right to deny replacing an underground service and assuming ownership in unique situations.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fourth Revised Sheet No. 23
Cancels and Supersedes
Third Revised Sheet No. 23
Page 2 of 2

SECTION IV - COMPANY'S INSTALLATION (Contd.)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

4. **Optional Monitoring Programs for Customers.**

Company will offer, as available, optional alert programs for customer participation. These programs are described below. Customers should contact the Company for current program details and eligibility.

1. Usage Alerts provide enrolled customers with a mid-cycle report of their usage to date, along with projections of the end-of-cycle bill, based on historical usage and weather data. Customers will also have the opportunity to elect to receive threshold-based reports.
2. Outage Alerts provide enrolled customers with enhanced restoration information regarding their service when the customer has an outage. Company will be able to communicate with enrolled customers to make them more aware of the outage, the cause, the estimated time of restoration as well as changes to the estimated time of restoration during the outage, and notification of restoration.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

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.

Customers current on their account may participate upon request in the Adjusted Due Date Program. The Adjusted Due Date Program is available to Duke Energy Kentucky electric customers who have an analog meter. This service allows a customer to adjust the due date of the energy bill five-to-ten days forward from the original due date.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Filing No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

SECTION VI - BILLING AND PAYMENT (Contd.)

2. Information on Customer Bills. (Contd.)

- (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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Filing No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

SECTION VI - BILLING AND PAYMENT (Contd.)

7. Availability of Budget Billing.

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:

- (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.

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.

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

Budget Billing Plan Description:

Annual Plan:

- The Annual Plan provides 11 months of equal payments by using 12 months of customer's usage, dividing the usage by 11, and using the result to calculate the bill.
- Month 12 is a settle-up month between the billed amounts and customer bills based on actual usage.
- A bill message is sent after 6 months with a suggested new bill amount if the budget bill amounts compared to the actual bill amounts exceeds a Company set threshold; however, Customer must contact Company to change the amount.
- The budget bill amount is changed as needed after the 12 month review.

Quarterly Plan:

- The Quarterly Plan provides 3 months of equal payments starting by using 12 months of customer's usage, dividing the usage by 12, and using the result to calculate the bill.
- However, to prevent a settle-up month, reviews occur after 3, 6, 9, and 12 months on the plan and continue every 3 months thereafter.
- The budget bill amount is changed as needed after each review. The change is automatic and the customer does not need to contact Company.
- A bill message is sent after each review with a new bill amount if the budget bill amounts compared to the actual bill amounts exceeds a Company set threshold.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Filing No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

SECTION VI - BILLING AND PAYMENT (Contd.)

8. Installment Plans.

(T)

The Company shall negotiate and accept reasonable installment 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 an installment plan with a customer who is delinquent under a previous payment plan.

(T)

(T)

9. Pick Your Own Due Date.

Pick Your Own Due Date lets a customer choose what day their bill is due each month. This change in the due date may result in one billing period with a longer or shorter cycle, which could affect the amount of the first bill the customer receives. A customer can change their due date once every 12 months. Customers should contact the Company for current program specifics and eligibility.

10. Bill Format.

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Filing No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 26
Cancels and Supersedes
Second Revised Sheet No. 26
Page 2 of 2

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

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY. P.S.C. Electric No. 2
Third Revised Sheet No. 27
Cancels and Supersedes
Second Revised Sheet No. 27
Page 1 of 1

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 30
Cancels and Supersedes
Ninth Revised Sheet No. 30
Page 1 of 2

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

RATE RS

RESIDENTIAL SERVICE

APPLICABILITY

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

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

Computed in accordance with the following charges:

- 1. Base Rate
 - (a) Customer Charge \$14.00 per month (I)
 - (b) Energy Charge
All kilowatt hours \$0.084272 per kWh (I)

- 2. Applicable Riders
The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 30
Cancels and Supersedes
Ninth Revised Sheet No. 30
Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 40
Cancels and Supersedes
Ninth Revised Sheet No. 40
Page 1 of 4

RATE DS

SERVICE AT SECONDARY DISTRIBUTION VOLTAGE

APPLICABILITY

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

TYPE OF SERVICE

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

NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, and all applicable riders, shall not exceed \$0.269521 per kilowatt-hour (kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Base Rate

(a) Customer Charge per month			
Single Phase Service	\$ 15.00	per month	(R)
Three Phase Service	\$ 30.00	per month	(R)
(b) Demand Charge			
First 15 kilowatts	\$ 0.00	per kW	
Additional kilowatts	\$ 9.38	per kW	(I)
(c) Energy Charge			
First 6,000 kWh	\$0.091238	per kWh	(I)
Next 300 kWh/kW	\$0.056008	per kWh	(I)
Additional kWh	\$0.045866	per kWh	(I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge shown above.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 40
Cancels and Supersedes
Ninth Revised Sheet No. 40
Page 2 of 4

NET MONTHLY BILL (Contd.)

For customers receiving service under the provisions of former Rate C, Optional Rate for Churches, as of June 25, 1981, the maximum monthly rate per kilowatt-hour shall not exceed \$0.165461 per kilowatt-hour plus all applicable riders. (I)

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

METERING

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

DEMAND

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

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

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

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

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 40
Cancels and Supersedes
Ninth Revised Sheet No. 40
Page 3 of 4

POWER FACTOR ADJUSTMENT

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

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

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

LATE PAYMENT CHARGE

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 40
Cancels and Supersedes
Ninth Revised Sheet No. 40
Page 4 of 4

TERMS AND CONDITIONS (Contd.)

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

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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 41
Cancels and Supersedes
Ninth Revised Sheet No. 41
Page 1 of 4

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	\$ 65.00	per month	(I)
Three Phase	\$130.00	per month	(I)
Primary Voltage Service	\$138.00	per month	
(b) Demand Charge			
Summer			
On Peak kW	\$ 15.45	per kW	(I)
Off Peak kW	\$ 1.39	per kW	(I)
Winter			
On Peak kW	\$ 14.62	per kW	(I)
Off Peak kW	\$ 1.39	per kW	(I)
(c) Energy Charge			
Summer On Peak kWh	\$0.048712	per kWh	(I)
Winter On Peak kWh	\$0.046499	per kWh	(I)
Off Peak kWh	\$0.039890	per kWh	(I)

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 41
Cancels and Supersedes
Ninth Revised Sheet No. 41
Page 2 of 4

NET MONTHLY BILL (Contd.)

2. Applicable Riders

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

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

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

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

For purposes of administration of the above Base Rate charges, the summer period is defined as 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 \$0.78 per kW.
- Additional kW of On Peak billing demand at \$0.61 per kW.

(R)
(R)

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 41
Cancels and Supersedes
Ninth Revised Sheet No. 41
Page 3 of 4

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 41
Cancels and Supersedes
Ninth Revised Sheet No. 41
Page 4 of 4

TERMS AND CONDITIONS (Contd.)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 42
Cancels and Supersedes
Eighth Revised Sheet No. 42
Page 1 of 2

RATE EH

OPTIONAL RATE FOR ELECTRIC SPACE HEATING

APPLICABILITY

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

A. Winter Period

1. Base Rate

(a) Customer Charge			
Single Phase Service	\$ 15.00	per month	(R)
Three Phase Service	\$ 30.00	per month	(R)
Primary Voltage Service	\$ 117.00	per month	
(b) Energy Charge			
All kWh	\$0.070482	per kWh	(I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge stated above.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 42
Cancels and Supersedes
Eighth Revised Sheet No. 42
Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

RATE SP

SEASONAL SPORTS SERVICE

APPLICABILITY

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

- 1. Base Rate
 - (a) Customer Charge \$15.00 per month (R)
 - (b) Energy Charge \$0.111052 per kWh (I)

- 2. Applicable Riders
 - The following riders are applicable pursuant to the specific terms contained within each rider:
 - Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
 - Sheet No. 78, Rider DSMR, Demand Side Management Rider
 - Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 - Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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

RECONNECTION CHARGE

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019
Effective: October 3, 2019
Issued by Amy B. Spiller, President /s/ Amy B. Spiller

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 43
Cancels and Supersedes
Eighth Revised Sheet No. 43
Page 2 of 2

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 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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

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 \$0.093089 per kWh (I)
- (b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment \$0.107269 per kWh (I)

2. Applicable Riders

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

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

Minimum: \$3.36 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.

Issued by authority of an Order of the Kentucky Public Service Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 44
Cancels and Supersedes
Eighth Revised Sheet No. 44
Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 45
Cancels and Supersedes
Eighth Revised Sheet No. 45
Page 1 of 3

RATE DP

SERVICE AT PRIMARY DISTRIBUTION VOLTAGE

APPLICABILITY

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, and all applicable riders shall not exceed \$0.274836 per kilowatt-hour (Kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

(T)
(I)

1. Base Rate

(a) Customer Charge				
Primary Voltage Service (12.5 or 34.5 kV)	\$ 117.00	per month		
(b) Demand Charge				
All kilowatts	\$ 9.02	per kW		(I)
(c) Energy Charge				
First 300 kWh/kW	\$0.058203	per kWh		(I)
Additional kWh	\$0.049212	per kWh		(I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge shown above.

Issued by authority of an Order of the Kentucky Public Service Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 45
Cancels and Supersedes
Eighth Revised Sheet No. 45
Page 2 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 45
Cancels and Supersedes
Eighth Revised Sheet No. 45
Page 3 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 51
Cancels and Supersedes
Ninth Revised Sheet No. 51
Page 1 of 3

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	\$ 8.75	per kW	(I)
Off Peak kW	\$ 1.32	per kW	(I)
Winter			
On Peak kW	\$ 7.18	per kW	(I)
Off Peak kW	\$ 1.32	per kW	(I)
(c) Energy Charge			
Summer			
On Peak kWh	\$ 0.053207	per kWh	(I)
Off Peak kWh	\$ 0.043571	per kWh	(I)
Winter			
On Peak kWh	\$ 0.050794	per kWh	(I)
Off Peak kWh	\$ 0.043571	per kWh	(I)

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 51
Cancels and Supersedes
Ninth Revised Sheet No. 51
Page 2 of 3

NET MONTHLY BILL (Contd.)

2. Applicable Riders

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

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

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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

For purposes of administration of the above charges, the summer is defined as that period 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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Tenth Revised Sheet No. 51
Cancels and Supersedes
Ninth Revised Sheet No. 51
Page 3 of 3

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 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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

Duke Energy Kentucky, Inc.
1262 Cox Road
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

a. Rate DS - Secondary Distribution Service	\$5.6950 per kW	(I)
b. Rate DT - Distribution Service	\$7.2281 per kW	(I)
c. Rate DP - Primary Distribution Service	\$7.7448 per kW	(I)
d. Rate TT - Transmission Service	\$3.1192 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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No.2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

NET MONTHLY BILL (Contd.)

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.

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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No.2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

DEFINITIONS (Contd.)

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 _____ in Case No.2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 60
Cancels and Supersedes
Eighth Revised Sheet No. 60
Page 1 of 6

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:

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 60
Cancels and Supersedes
Eighth Revised Sheet No. 60
Page 2 of 6

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	\$ 8.16 (I)
7,000 lumen (Open Refractor)		175	0.205	853	\$ 6.81 (I)
10,000 lumen		250	0.275	1,144	\$ 9.42 (I)
21,000 lumen		400	0.430	1,789	\$12.61 (I)
Metal Halide					
14,000 lumen		175	0.193	803	\$ 8.16 (I)
20,500 lumen		250	0.275	1,144	\$ 9.42 (I)
36,000 lumen		400	0.430	1,789	\$12.61 (I)
Sodium Vapor					
9,500 lumen		100	0.117	487	\$ 9.03 (I)
9,500 lumen (Open Refractor)		100	0.117	487	\$ 6.78 (I)
16,000 lumen		150	0.171	711	\$ 9.85 (I)
22,000 lumen		200	0.228	948	\$12.76 (I)
27,500 lumen		250	0.275	948	\$12.76 (I)
50,000 lumen		400	0.471	1,959	\$17.15 (I)
Decorative Fixtures					
Sodium Vapor					
9,500 lumen (Rectilinear)		100	0.117	487	\$11.23 (I)
22,000 lumen (Rectilinear)		200	0.246	1,023	\$13.88 (I)
50,000 lumen (Rectilinear)		400	0.471	1,959	\$18.36 (I)
50,000 lumen (Setback)		400	0.471	1,959	\$27.29 (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: \$0.60. (I)

Issued by authority of an Order of the Kentucky Public Service Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 60
Cancels and Supersedes
Eighth Revised Sheet No. 60
Page 3 of 6

NET MONTHLY BILL (Contd.)

<u>UNDERGROUND DISTRIBUTION AREA</u>	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
<u>Fixture Description</u>					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.210	874	\$ 8.31	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6.81	(I)
10,000 lumen	250	0.292	1,215	\$ 9.59	(I)
21,000 lumen	400	0.460	1,914	\$12.91	(I)
Metal Halide					
14,000 lumen	175	0.210	874	\$ 8.31	(I)
20,500 lumen	250	0.292	1,215	\$ 9.59	(I)
36,000 lumen	400	0.460	1,914	\$12.91	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 9.03	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6.87	(I)
16,000 lumen	150	0.171	711	\$ 9.81	(I)
22,000 lumen	200	0.228	948	\$12.76	(I)
50,000 lumen	400	0.471	1,959	\$17.15	(I)
<u>Decorative Fixtures</u>					
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	\$ 8.59	(I)
7,000 lumen (Holophane)	175	0.210	874	\$10.79	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$24.65	(I)
7,000 lumen (Granville)	175	0.205	853	\$ 8.68	(I)
7,000 lumen (Aspen)	175	0.210	874	\$15.62	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 8.58	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$15.62	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$24.74	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$12.54	(I)
9,500 lumen (Holophane)	100	0.128	532	\$13.58	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$10.13	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$25.54	(I)
9,500 lumen (Aspen)	100	0.128	532	\$15.82	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$12.54	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$15.82	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$13.94	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$18.42	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$27.29	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 60
Cancels and Supersedes
Eighth Revised Sheet No. 60
Page 4 of 6

NET MONTHLY BILL (Contd.)

POLE CHARGES

<u>Pole Description</u>	<u>Pole Type</u>	<u>Rate/Pole</u>
<u>Wood</u>		
17 foot (Wood Laminated) (a)	W17	\$ 5.05 (I)
30 foot	W30	\$ 4.98 (I)
35 foot	W35	\$ 5.05 (I)
40 foot	W40	\$ 6.05 (I)
<u>Aluminum</u>		
12 foot (decorative)	A12	\$13.73 (I)
28 foot	A28	\$ 7.96 (I)
28 foot (heavy duty)	A28H	\$ 8.04 (I)
30 foot (anchor base)	A30	\$15.90 (I)
<u>Fiberglass</u>		
17 foot	F17	\$ 5.05 (I)
12 foot (decorative)	F12	\$14.76 (I)
30 foot (bronze)	F30	\$ 9.61 (I)
35 foot (bronze)	F35	\$ 9.87 (I)
<u>Steel</u>		
27 foot (11 gauge)	S27	\$12.98 (I)
27 foot (3 gauge)	S27H	\$19.57 (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: \$0.86. (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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

Issued by authority of an Order of the Kentucky Public Service Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 60
Cancels and Supersedes
Eighth Revised Sheet No. 60
Page 5 of 6

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 60
Cancels and Supersedes
Eighth Revised Sheet No. 60
Page 6 of 6

GENERAL CONDITIONS (Contd.)

- (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.

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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 61
Cancels and Supersedes
Eighth Revised Sheet No. 61
Page 1 of 2

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 \$0.043675 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 \$0.024185 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 \$0.067860 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
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

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

TERM OF SERVICE

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 61
Cancels and Supersedes
Eighth Revised Sheet No. 61
Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY. P.S.C. Electric No. 2
Ninth Revised Sheet No. 62
Cancels and Supersedes
Eighth Revised Sheet No. 62
Page 1 of 2

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 | \$0.043003 per kWh | (I) |
| 2. | Applicable Riders
The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism | | |

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY. P.S.C. Electric No. 2
Ninth Revised Sheet No. 62
Cancels and Supersedes
Eighth Revised Sheet No. 62
Page 2 of 2

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 _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

Ky.P.S.C. Electric No. 2
Third Revised Sheet No. 63
Cancels and Supersedes
Second Revised Sheet No. 63
Page 1 of 2

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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

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

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 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. 2019-00271.

Issued: September 3, 2019
Effective: October 3, 2019
Issued by Amy B. Spiller, President /s/ Amy B. Spiller

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 64
Cancels and Supersedes
First Revised Sheet No. 64
Page 1 of 9

RATE LED

LED OUTDOOR LIGHTING ELECTRIC SERVICE

APPLICABILITY

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

(T)
(T)
(T)
(T)

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

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

(T)

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.

LIGHTING HOURS

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

(N)
(N)
(N)
(N)
(N)

NET MONTHLY BILL

Computed in accordance with the following charges:

- 1. Base Rate
All kWh \$0.043003 per kWh

(I)

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271

Issued: September 3, 2019

Effective: October 3, 2019

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 64
Cancels and Supersedes
First Revised Sheet No. 64
Page 3 of 9

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

I. Fixtures (Contd.)				Per Unit Per Month		
Billing Type	Description	Initial Lumens	Lamp Wattage	Monthly kWh	Fixture	Maintenance
LED SAN 150	150W Sanibel LED	12,500	150	52	\$17.47	\$4.76
LED LD 150	150W LED Teardrop	12,500	150	52	\$21.14	\$4.76
LED LDP 50	50W LED Teardrop Pedestrian	4,500	50	17	\$17.15	\$4.76
LED SBX 220	220W LED Shoebox	18,500	220	76	\$14.64	\$5.80
LED SBX 420	420W LED Shoebox	39,078	420	146	\$21.85	\$5.80
TBD	530W LED Shoebox	57,000	530	184	\$26.55	\$5.80
TBD	150W Clermont LED	12,500	150	52	\$25.19	\$4.76
TBD	130W Flood LED	14,715	130	45	\$8.65	\$4.76
TBD	260W Flood LED	32,779	260	90	\$13.61	\$4.76
TBD	50W Monticello LED	4,157	50	17	\$16.82	\$4.76
TBD	50W Mitchell Finial	5,678	50	17	\$15.95	\$4.76
TBD	50W Mitchell Ribs, Bands, and Medallions LED	5,678	50	17	\$17.57	\$4.76
TBD	50W Mitchell Top Hat LED	5,678	50	17	\$15.95	\$4.76
TBD	50W Mitchell Top Hat with Ribs, Bands, and Medallions LED	5,678	50	17	\$17.57	\$5.80
TBD	50W Open Monticello LED	4,157	50	17	\$16.75	\$5.80

(I)
(I)
(I)
(I)
(I)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

II. Poles		
Billing Type	Description	Charge per Month per Unit
A12A	Style A 12 Ft Long Anchor Base Top Tenon Aluminum	\$6.33
A15D	Style A 15 Ft Long Direct Buried Top Tenon Aluminum	\$5.42
A15A	Style A 15 Ft Long Anchor Base Top Tenon Aluminum	\$6.51
A18D	Style A 18 Ft Long Direct Buried Top Tenon Aluminum	\$5.64
A17A	Style A 17 Ft Long Anchor Base Top Tenon Aluminum	\$6.83
A25D	Style A 25 Ft Long Direct Buried Top Tenon Aluminum	\$10.46
A22A	Style A 22 Ft Long Anchor Base Top Tenon Aluminum	\$8.09
A30D	Style A 30 Ft Long Direct Buried Top Tenon Aluminum	\$11.66
A27A	Style A 27 Ft Long Anchor Base Top Tenon Aluminum	\$9.56

(I)
(I)
(I)
(I)
(I)
(I)
(I)
(I)
(I)
(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated _____ in Case No. 2019-00271
Issued: September 3, 2019
Effective: October 3, 2019
Issued by: Amy B. Spiller, President /s/ Amy B. Spiller

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 64
Cancels and Supersedes
First Revised Sheet No. 64
Page 7 of 9

OWNERSHIP OF SERVICE LINES

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

(T)
(T)

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

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

(T)

TERMS OF SERVICE

1. Service under this rate schedule shall be for a minimum initial term of ten (10) years from the commencement of service and shall continue thereafter until terminated by either party by sixty (60) days written notice or to termination. Upon early termination of service under this schedule, the customer shall pay an amount equal to the remaining monthly lease amount for the term of contract and removal cost of the facilities.
2. Where the Company provides a LED fixture, pole type or equipment other than those listed above, the monthly charges, as applicable shall be computed as follows:
 - I. Fixture
 - a. Fixture Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.
 - b. Maintenance Charge: Based on the Company's average cost of performing maintenance on lighting equipment.
 - II. Pole
 - a. Pole Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.

(T)
(T)
(T)

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271

Issued: September 3, 2019
Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 64
Cancels and Supersedes
First Revised Sheet No. 64
Page 8 of 9

- III. Other Equipment
- a. Equipment Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return. (N)
3. The customer shall be responsible for the cost incurred to repair or replace any fixture or pole which has been willfully damaged. The Company shall not be required to make such repair or replacement or to make payment to the customer for damage. (N)
 4. KWh consumption for Company-owned fixtures shall be estimated in lieu of installing meters. Monthly kWh estimates will be made using the following formula:
$$\text{kWh} = \text{Unit Wattage} \times (4160 \text{ hours per year} / 12 \text{ months}) / 1,000.$$
 5. No Pole Charge shall be applicable for a fixture installed on a company-owned pole which is utilized for other general electrical distribution purposes. (T)
 6. The Company will repair or replace malfunctioning lighting fixtures maintained by the Company. (T)
 7. For a fixture type restricted to existing installations and requiring major renovation or replacement, the fixture shall be replaced by an available similar non-restricted LED fixture of the customer's choosing and the customer shall commence being billed at its appropriate rate. (T)
 8. The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities. (T)
 9. All new leased LED lighting shall be installed on poles owned by the Company. (T)
 10. Alterations to leased LED lighting facilities requested by the customer after date of installation (i.e. redirect, install shields, etc.), will be billed to the customer in accordance with the Company's policy. (T)
 11. Service for street or area lighting is normally provided from existing distribution facilities. Where suitable distribution facilities do not exist, it will be the customer's responsibility to pay for necessary additional facilities either at cost upfront or monthly as described below. (N)
 12. The Company will normally install service in accordance with the Electric Service Regulations for the facilities required to supply electric service to the customer. For Lighting installations requiring investments exceeding the Company's standards and where additional facilities are required as discussed above, lighting customer must pay the cost of the additional facility investment upfront or 1.0117% of the cost of the additional facility investment amount monthly. (N)

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 64
Cancels and Supersedes
First Revised Sheet No. 64
Page 9 of 9

13. For available LEDs, the customer may opt to make an initial, one-time payment of 50% of the installed cost of fixtures rated greater than 200 Watts and poles other than standard wood poles, to reduce the Company's installed cost, therefore reducing their monthly rental rates for such fixtures and poles. If a customer chooses this option, the monthly fixture and/or pole charge shall be computed as the reduced installed cost times the corresponding monthly percentage in 2.I.(a) and/or 2.II above.

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. 2019-00271

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 66
Cancels and Supersedes
Eighth Revised Sheet No. 66
Page 1 of 4

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 66
Cancels and Supersedes
Eighth Revised Sheet No. 66
Page 2 of 4

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	\$10.58	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$8.22	(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	\$19.26	(I)

The cable span charge of \$0.86 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	\$8.15	(I)
b. 2,500 lumen Mercury Vapor	100	0.109	453	\$7.71	(I)
c. 21,000 lumen Mercury Vapor	400	0.460	1,914	\$12.23	(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	\$6.24	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$7.94	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 66
Cancels and Supersedes
Eighth Revised Sheet No. 66
Page 3 of 4

NET MONTHLY BILL (Contd.)**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

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.
- (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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 66
Cancels and Supersedes
Eighth Revised Sheet No. 66
Page 4 of 4

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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 68
Cancels and Supersedes
Eighth Revised Sheet No. 68
Page 1 of 4

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	\$ 4.80	(I)
10,000 lumen	250	0.275	1,144	\$ 6.12	(I)
21,000 lumen	400	0.430	1,789	\$ 8.49	(I)
Metal Halide					
14,000 lumen	175	0.193	803	\$ 4.80	(I)
20,500 lumen	250	0.275	1,144	\$ 6.12	(I)
36,000 lumen	400	0.430	1,789	\$ 8.49	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 68
Cancels and Supersedes
Eighth Revised Sheet No. 68
Page 2 of 4

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

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	\$ 5.78	(I)
16,000 lumen	150	0.171	711	\$ 6.44	(I)
22,000 lumen	200	0.228	948	\$ 7.08	(I)
27,500 lumen	250	0.228	948	\$ 7.08	(I)
50,000 lumen	400	0.471	1,959	\$ 9.59	(I)
Decorative Fixture					
Mercury Vapor					
7,000 lumen (Holophane)	175	0.210	874	\$ 6.11	(I)
7,000 lumen (Town & Country)	175	0.205	853	\$ 6.05	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 6.11	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 6.11	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 6.05	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 6.11	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 6.11	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$ 5.69	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 5.69	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 5.94	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 5.69	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 5.94	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 5.94	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 5.94	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 7.50	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 9.92	(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	\$ 4.98	(I)
35 foot	W35	\$ 5.05	(I)
40 foot	W40	\$ 6.05	(I)

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 68
Cancels and Supersedes
Eighth Revised Sheet No. 68
Page 3 of 4

NET MONTHLY BILL (Contd.)

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be \$0.043003 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.

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

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 68
Cancels and Supersedes
Eighth Revised Sheet No. 68
Page 4 of 4

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

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:

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

NET MONTHLY BILL (Contd.)

1. Base Rate

Fixture Description	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
Decorative Fixtures					
<u>Mercury Vapor</u>					
7,000 lumen (Town & Country)	175	0.205	853	\$ 8.36	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 8.40	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 8.40	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 8.40	(I)
<u>Metal Halide</u>					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 8.36	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 8.40	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 8.40	(I)
<u>Sodium Vapor</u>					
9,500 lumen (Town & Country)	100	0.117	487	\$ 9.12	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 9.24	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 9.12	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 9.23	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 9.23	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 9.12	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 9.23	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$13.10	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$17.33	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$17.33	(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
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

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

Issued by authority of an Order of the Kentucky Public Service Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

TERM OF SERVICE

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

GENERAL CONDITIONS

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

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

- (6) When a 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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 69
Cancels and Supersedes
Eighth Revised Sheet No. 69
Page 4 of 4

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

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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 70
Cancels and Supersedes
First Revised Sheet No. 70
Page 1 of 2

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,

Issued by authority of an Order by the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 70
Cancels and Supersedes
First Revised Sheet No. 70
Page 2 of 2

RATE (Contd.)

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.

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 _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 71
Cancels and Supersedes
Second Revised Sheet No. 71
Page 1 of 1

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2018

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 72
Cancels and Supersedes
Second Revised Sheet No. 72
Page 1 of 1

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 73
Cancels and Supersedes
Second Revised Sheet No. 73
Page 1 of 2

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 installation, operation, maintenance, testing, replacement or removal.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 73
Cancels and Supersedes
Second Revised Sheet No. 73
Page 2 of 2

OFF PEAK PROVISION (Contd.)

- 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.

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 _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

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.

Issued by authority of an Order by the Kentucky Public Service
Commission dated in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

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 in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

RIDER DSM

DEMAND SIDE MANAGEMENT COST RECOVERY RIDER

APPLICABILITY

Applicable to service rendered under the provisions of Rates RS (residential class), DS, DP, DT, EH, GS-FL, SP, and TT (non-residential class).

CHARGES

The monthly amount computed under each of the rate schedules to which this rider is applicable shall be increased or decreased by the DSM Charge at a rate per kilowatt-hour of monthly consumption and, where applicable, a rate per kilowatt of monthly billing demand, in accordance with the following formula:

$$\text{DSM Charge} = \text{PC} + \text{LR} + \text{PI} + \text{BA}$$

Where: **PC = DSM PROGRAM COST RECOVERY.** For each twelve month period, the PC shall include all expected costs for demand-side management programs which have been approved by a collaborative process. Such program costs shall include the cost of planning, developing, implementing, monitoring, and evaluating DSM programs. Program costs will be assigned for recovery purposes to the rate classes whose customers are directly participating in the program. In addition, all costs incurred by or on behalf of the collaborative process, including but not limited to costs for consultants, employees and administrative expenses, will be recovered through the PC. Administrative costs that are allocable to more than one rate class will be recovered from those classes and allocated by rate class on the basis of the estimated avoided capacity and energy costs resulting from each program.

The PC applicable to the residential class shall be determined by dividing the cost of approved programs allocated or assigned to the residential class by the expected kilowatt-hour sales for the upcoming twelve-month period. The cost of approved programs assigned or allocated to the non-residential class shall be allocated as either demand-related or energy-related based on the respective percentage of avoided capacity cost or avoided energy cost to the total avoided cost estimated in the determination of the net resource savings for the program. For purposes of this tariff, net resource savings are defined as program benefits less the cost of the program, where program benefits will be calculated on the basis of the present value of the Company's avoided costs over the expected life of the program, and will include both capacity and energy savings. The demand-related program costs thus determined shall be divided by the expected billing demand in kilowatt-months for the upcoming twelve-month period to determine the demand-related PC. The associated energy-related program costs shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the energy-related PC for such rate class.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

LR = LOST REVENUE FROM LOST SALES RECOVERY. Revenues from lost sales due to DSM programs will be recovered through the decoupling of revenues from actual sales of the residential class. At the end of each twelve-month period after implementation of the DSM Charge, the non-variable revenue requirement (total revenue requirement less variable costs) for the residential class for ULH&P's most recent twelve month period will be adjusted to reflect changes in the number of customers and the usage per customer as follows: (1) the non-variable revenue requirement will be multiplied by the factor obtained by dividing the twelve month average number of customers at the end of the current twelve-month period by the twelve month average number of residential customers at the end of the twelve-month period ending December 1994, and (2) the non-variable revenue requirement will be multiplied by a factor "F_g" calculated by the following formula:

$$F_g = (1 + g)^{n/12}$$

Where: g = Growth factor - recalculated annually based on the most recent eleven years of actual customer data. Initially [g] shall be set at 0.0175; and
n = the number of months from December 1994 to the end of the current twelve-month period.

At the end of each twelve-month period after implementation of the DSM Charge, the difference between the actual non-variable revenue billed during the twelve-month period and the adjusted non-variable revenue requirement, as described above, will be determined. This difference ("LR amount established for the twelve-month period") will be divided by the estimated kilowatt-hour sales for the upcoming twelve-month period to determine the LR for the residential class.

The LR applicable to the non-residential class shall be computed by 1) multiplying the amount of kilowatt-hour sales and, where applicable, the kilowatt-months of billing demand that will be lost for each twelve-month period as a result of the implementation of the approved programs times the energy charge for the applicable rate schedule, less the variable cost included in the charge, and the demand charges, respectively; and, 2) dividing that product by the expected kilowatt-hour sales or expected billing demand in kilowatt-months for the upcoming twelve-month period. The lost revenue attributable to decreased sales to the non-residential class due to approved programs will be calculated through estimates agreed upon by the collaborative process, which may include engineering estimates, of the level of decreased kilowatt-hour energy sales and billing demand in kilowatt-months. Recovery of revenues from lost sales calculated for a twelve-month period for non-residential rate classes shall be included in the LR until January 1, 2000 or until terminated by the implementation of new rates pursuant to a general rate case, whichever comes first. Revenues from lost sales will be assigned for recovery purposes to the rate classes whose programs resulted in the lost sales.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

PI = DSM PROGRAM INCENTIVE RECOVERY. The DSM Program Incentive (PI) amount shall be computed by multiplying the net resource savings expected from the approved programs which are to be installed during the upcoming twelve-month period times fifteen (15) percent. Net resource savings are defined as program benefits less the cost of the program, where program benefits will be calculated on the basis of the present value of the Company's avoided costs over the expected life of the program, and will include both capacity and energy savings. The DSM incentive amount related to programs for the residential class shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the PI for that rate class. The PI amount related to programs for the non-residential class rates shall be allocated as either demand-related or energy-related in the same manner as program costs are allocated as demand- or energy related. The demand-related PI amount thus determined shall be divided by the expected billing demand in kilowatt-months for the upcoming twelve-month period to determine the demand-related PI. Similarly, the energy-related incentive amount thus determined shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the energy-related PI for such rate class. DSM incentive amounts will be assigned for recovery purposes to the rate classes whose programs created the incentive.

BA = DSM BALANCE ADJUSTMENT. The BA is used to reconcile the difference between the amount of revenues actually billed through the respective DSM Charge components; namely, the PC, LR, and PI and previous application of the BA and the revenues which should have been billed, as follows:

- (1) For the PC, the balance adjustment amount will be the difference between the amount billed in a twelve-month period from the application of the PC unit charge and the actual cost of the approved programs during the same twelve-month period.
- (2) For the LR applicable to the residential class, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from the application of the LR unit charge and the LR amount established for the same twelve-month period.

For the LR applicable to the non-residential class, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from application of the LR unit charge and the amount of lost revenues determined for the actual DSM program, or measures implemented during the twelve-month period.

- (3) For the PI, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from application of the PI unit charge and the incentive amount determined for the actual DSM program, or measures implemented during the twelve-month period.
- (4) For the BA, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from application of the BA and the balance adjustment amount established for the same twelve-month period.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

BA = DSM BALANCE ADJUSTMENT (Cont.d)

For the non-residential class, balance adjustment amounts will be separated into both demand and energy-related components. The balance adjustment amounts determined above shall include interest. The interest applied to the monthly amounts, shall be calculated at a rate equal to the average of the "3-month Commercial Paper Rate" for the immediately preceding 12-month period. The total of the demand-related balance adjustment amounts, plus interest, shall be divided by the expected billing demand in kilowatt-months for the upcoming twelve-month period to determine the demand-related BA, while the total of the energy-related balance adjustment amounts shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the energy-related BA. DSM balance adjustment amounts will be assigned for recovery purposes to the rate classes to which over or under-recoveries of DSM amounts were realized.

All costs recovered through the DSM Charge will be assigned or allocated to Duke Energy Kentucky, Inc.'s electric or gas customers on the basis of the estimated net electric or gas resource savings resulting from each program.

DSM CHARGE FILINGS

The filing of modifications to the DSM Charge shall be made at least thirty days prior to the beginning of the effective period for billing. Each filing will include the following information as needed:

- (1) A detailed description of each DSM program developed by the collaborative process, the total cost of each program over the twelve-month period, an analysis of expected resource savings, information concerning the specific DSM or efficiency measures to be installed, and any applicable studies which have been performed, as available.
- (2) A statement setting forth the detailed calculation of each component of the DSM Charge.

Each change in the DSM Charge shall be applied to customers' bills with the first billing cycle of the revenue month which coincides with, or is subsequent to, the effective date of such change.

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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY. P.S.C. Electric No. 2
First Revised Sheet No. 76
Cancels and Supersedes
Original Sheet No. 76
Page 1 of 2

ENVIRONMENTAL SURCHARGE MECHANISM RIDER

APPLICABILITY

This rider is applicable to all retail sales in the Company's electric service area beginning with the billing month June 2018. Rate RTP program participants utilize the applicable portions of the Baseline Charge and Program Charge, as those terms are defined in Rate RTP, for this rider.

Standard electric rate schedules subject to this schedule are:

Residential: Rate Schedule RS

Non-Residential: Rate Schedules DS, EH, SP, DP, DT, GSFL, TT, SL, TL, UOLS, NSU, SC, SE, and LED

RATE

The monthly billing amount under each of the schedules to which this rider is applicable, shall be increased or decreased by a percentage factor according to the following formula:

Environmental Surcharge Billing Factor = Jurisdictional E(m) / R(m)

DEFINITIONS

For all Plans:

E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)Under Recovery

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.

EAS = proceeds from Emission Allowance Sales.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY. P.S.C. Electric No. 2
First Revised Sheet No. 76
Cancels and Supersedes
Original Sheet No. 76
Page 2 of 2

DEFINITIONS (Contd.)

Prior Period Adjustment is the amount resulting from the amortization of amounts determined by the Commission during six-month and two-year reviews.

(Over) or Under Recovery is a one-month "true-up" adjustment.

Plans are the environmental surcharge compliance plans submitted to and approved by the Kentucky Public Service Commission.

- (1) Total E(m), (the environmental compliance plan revenue requirement), is multiplied by the Jurisdictional Allocation Factor. Jurisdictional E(m) is adjusted for any (Over)/Under collection or prior period adjustment to arrive at Adjusted Jurisdictional E(m). Adjusted Jurisdictional E(m) is allocated to Residential and Non-Residential on the basis of Revenue as a Percentage of Total Revenue for the 12 months ending with the Current Month.
- (2) Residential R(m) is the average of total monthly residential revenue for the 12 months ending with the current expense month. Total revenue includes residential revenue, including all riders, but excluding environmental surcharge mechanism revenue.
- (3) Non-Residential R(m) is the average of total monthly non-residential revenue for the 12 months ending with the current expense month. Total revenue includes non-residential revenue, including all riders, but excluding environmental surcharge mechanism revenue, base fuel revenue and FAC revenue.
- (4) The current expense month (m) shall be the second month proceeding the month in which the Environmental Surcharge is billed.

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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 77
Cancels and Supersedes
Second Revised Sheet No. 77
Page 1 of 3

RIDER PLM

PEAK LOAD MANAGEMENT PROGRAM

AVAILABILITY

Applicable to Customers served under Rate DS, Rate DT, Rate DP, Rate TT, or Special Contracts. Customers whose billing period maximum 15-minute demands are less than 500 kilowatts will be eligible to participate in the Program by paying the incremental cost of installing the required metering. Customers must enter into a service agreement.

PROGRAM DESCRIPTION

The PLM Program is voluntary and offers Customers the opportunity to reduce their electric costs by managing their electric usage during Company's peak load periods. Customer and Company will enter into a service agreement under this Rider which will specify the terms and conditions under which Customer agrees to reduce usage.

SERVICE OPTIONS

Customers may elect to participate in a PLM service option by either choosing to:

- a) reduce demand to a specified amount,
- b) reduce energy usage below their baseline, or
- c) sell the output of any Customer owned self generation to Company.

Upon approval of Company, Customers will have the choice to aggregate electric loads at multiple sites under the PLM Program.

The specific hours for the PLM service option will be mutually agreed upon between Customer and Company and specified in the service agreement.

Buy-through energy is the incremental energy the Customer has decided to purchase in lieu of managing their electric demand or energy usage as agreed upon between the Customer and the Company.

Demand Reduction Option

Customers served under the Standard Rate DS, Rate DT, Rate DP or Rate TT electing this option agree, upon notification by Company, to limit their demand to a Firm Load Level. Customer and Company will mutually agree on the amount of demand reduction, the conditions under which a request for reduction can be issued and the mechanism to be used to verify compliance. Based upon these factors, Company will establish a bill credit to be given to Customer and the structure of the bill credit. The value of the bill credit will take into consideration the projected avoided cost of firm capacity and energy, any bill savings from reducing load under the applicable Standard Rates or and program administrative costs.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 77
Cancels and Supersedes
Second Revised Sheet No. 77
Page 2 of 3

Demand Reduction Option (Contd.)

Company will provide buy-through energy, if available, to be billed based on price quotes (Buy-through Quotes) provided to Customer. Such Buy-through Quotes will include a) applicable transmission and distribution charges, generation charges based on out-of-pocket cost plus 10% and all applicable Riders and taxes included in the Standard Rate. Customer will be billed for all usage above the Firm Load Level at such Buy-through Quotes. If buy-through energy is not available and Customer fails to reduce its usage to the Firm Load Level, Customer will be billed for all usage above the Firm Load Level at \$10.00 per kilowatt-hour.

Energy Reduction Below Baseline

Customers served under the Standard Rate DS, Rate DT, Rate DP or Rate TT electing this option agree, upon notification by Company, to reduce energy usage below their Baseline Level. Reductions below the Baseline Level during such periods will be credited at the Energy Buy-Back Price Quotes (Price Quotes) provided to Customer by Company. Customer and Company will mutually agree upon a) the conditions under which such Price Quotes will be in effect, b) the time period by which Company will provide such Price Quotes to Customer and c) the time duration such Price Quotes will be in effect. The determination of such Price Quotes will take into consideration the projected avoided cost of energy, any bill savings from reducing load under the applicable Standard Rates and program administrative costs.

Customer will agree to provide Company with an estimate of the amount of load reduction to be provided during such periods. The Baseline Level must be mutually agreeable to both the Customer and the Company as representing the Customer's normal usage level during the time period that a notification could be given.

Generation Sell Back

Customers served under the Standard Rate DS, Rate DT, Rate DP or Rate TT electing this option, agree upon notification by Company, to sell the output of their electric generator to Company. Customer and Company will mutually agree on the amount of generation to be sold back and the conditions under which a request to run the generator can be issued. Based upon these factors, Company will establish a bill credit to be given to Customer and the structure of the bill credit. The value of bill credit will be take into consideration projected avoided cost of firm capacity and energy and program administrative costs.

Suitable metering will be installed either by Customer or Company to measure the energy output of the Generator. Customer will provide suitable access and a suitable location for the installation of such metering equipment.

During such time period that the electrical output of the generator is being sold back to Company, the meter readings that are normally used to bill the Customer shall be adjusted by adding back the measured output of the generator.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 77
Cancels and Supersedes
Second Revised Sheet No. 77
Page 3 of 3

BILLING UNDER STANDARD RATES

Customers served under Rates DS, Rate DT, Rate DP or Rate TT will be billed for all demand and energy used under the terms and conditions and at the rates and charges of the applicable Standard Rate. In addition, Customers will receive credits on their electric bill for participation in the PLM Program based upon the elected Service Option and outlined in the PLM service agreement.

PROGRAM EQUIPMENT

Company will provide Internet based communication software to be used to provide Customer with the Buy-through and Price Quotes. Customer will be responsible for providing its own Internet access.

Customer may purchase from either Company or other third-party suppliers any other necessary equipment or software packages to facilitate participation in this PLM Program. While Customers are encouraged to use such equipment or software packages to maximize benefits under this PLM 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.

CUSTOMER GENERATION

Customers electing to operate a Generator in parallel with Company's electric system will operate the Generator in such a manner as not to cause undue fluctuations in voltage, harmonic disturbances, intermittent load characteristics or otherwise interfere with the operation of Company's electric system. Company will grant such permission only in cases where it is satisfied that such parallel operation is practicable and without interference or probability of interference with the ability of Company to render adequate service to its other Customers.

TERM AND CONDITIONS

Except as provided in this Rider PLM, all terms, conditions, rates, and charges outlined in the applicable Standard Rates will apply.

Any interruptions or reductions in electric service caused by outages of Company's facilities, other than as provided under the PLM Program, will not be deemed a Curtailment Period under this PLM Program. Agreements under the PLM Program will in no way affect Customer's or Company's respective obligations regarding the rendering of and payment for electric service under the applicable electric tariff and its applicable rate schedules. It will be Customer's responsibility to monitor and control their demand and energy usage before, during, and after a notice period under this Rider.

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 _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

Duke Energy Kentucky
1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
Twenty-Fifth Revised Sheet No. 78
Cancels and Supersedes
Twenty-Fourth Revised Sheet No. 78
Page 1 of 1

RIDER DSMR
DEMAND SIDE MANAGEMENT RATE

The Demand Side Management Rate (DSMR) shall be determined in accordance with the provisions of Rider DSM, Demand Side Management Cost Recovery Rider, Sheet No. 75 of this Tariff.

The DSMR to be applied to residential customer bills is (\$0.000061) per kilowatt-hour.

A Home Energy Assistance Program (HEA) charge of \$0.10 will be applied monthly to residential customer bills through December 2020.

The DSMR to be applied to non-residential distribution service customer bills is \$0.005024 per kilowatt-hour.

The DSMR to be applied for transmission service customer bills is \$0.000637 per kilowatt-hour.

Issued by authority of an Order by the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019
Effective: October 3, 2019
Issued by Amy B. Spiller, President /s/ Amy B. Spiller

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 79
Cancels and Supersedes
Second Revised Sheet No. 79
Page 1 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 79
Cancels and Supersedes
Second Revised Sheet No. 79
Page 2 of 2

SPECIAL TERMS AND CONDITIONS (Contd.)

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.
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 by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

Duke Energy Kentucky
1262 Cox Road
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
Ninth Revised Sheet No. 80
Cancels and Supersedes
Eighth Revised Sheet No. 80
Page 1 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

Duke Energy Kentucky
 1262 Cox Road
 Erlanger, Kentucky 41018

AVAILABILITY OF SERVICE (Contd.)

- (e) The native portion of fuel-related costs charged to the Company by PJM Interconnection LLC including but not limited to those costs identified in the following Billing Line Items, as may be amended from time to time by PJM Interconnection LLC: Billing Line Items 1210, 2210, 1215, 1218, 2217, 2218, 1230, 1250, 1260, 2260, 1370, 2370, 1375, 2375, 1400, 1410, 1420, 1430, 1478, 1340, 2340, 1460, 1350, 2350, 1360, 2360, 1470, 1377, 2377, 1480, 1378, 2378, 1490, 1500, 2420, 2220, 1200, 1205, 1220, 1225, 2500, 2510, 1930, 2211, 2215, 2415 and 2930. (N)
- (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. (N)
- (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. (N)

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

Add:

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

Subtract:

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

Issued by authority of an Order of the Kentucky Public Service
 Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fifty-Fifth Revised Sheet No 82
Cancels and Supersedes
Fifty-Fourth Revised Sheet No 82
Page 1 of 3

**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 June 2019.

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.

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

where:

OSS= Net proceeds from off-system power sales.

Includes the non-native portion of fuel-related costs charged to the Company by PJM Interconnection LLC including but not limited to those costs identified in the following Billing Line Items, as may be amended from time to time by PJM Interconnection LLC: Billing Line Items 1210, 2210, 1215, 1218, 2217, 2218, 1230, 1250, 1260, 2260, 1370, 2370, 1375, 2375, 1400, 1410, 1420, 1430, 1478, 1340, 2340, 1460, 1350, 2350, 1360, 2360, 1470, 1377, 2377, 1480, 1378, 2378, 1490, 1500, 2420, 2220, 1200, 1205, 1220, 1225, 2500, 2510, 1930, 2211, 2215, 2415 and 2930.

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

KY.P.S.C. Electric No. 2
Fifty-Fifth Revised Sheet No 82
Cancels and Supersedes
Fifty-Fourth Revised Sheet No 82
Page 2 of 3

PROFIT SHARING RIDER FACTORS Contd.

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

Includes non-fuel related costs charged to the Company by PJM Interconnection LLC including but not limited to those costs identified in the following Billing Line Items, as may amended from time to time by PJM Interconnection LLC: Billing Line Items 1240, 2240, 1241, 2241, 1242, 1243, 1245, 2245, 1330, 2330, 1362, 2362, 1472, 1365, 2365, 1475, 1371, 2371, 1376, 2376, 1380 and 2380.

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.

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

RV= Net Revenues from Electric Vehicle Charging Stations

(N)

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.

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

KY.P.S.C. Electric No. 2
Fifty-Fifth Revised Sheet No 82
Cancels and Supersedes
Fifty-Fourth Revised Sheet No 82
Page 3 of 3

<u>Rate Group</u>	<u>Rate</u> <u>(\$/ kWh)</u>
Rate RS, Residential Service	0.000163
Rate DS, Service at Secondary Distribution Voltage	0.000163
Rate DP, Service at Primary Distribution Voltage	0.000163
Rate DT, Time-of-Day Rate for Service at Distribution Voltage	0.000163
Rate EH, Optional Rate for Electric Space Heating	0.000163
Rate GS-FL, General Service Rate for Small Fixed Loads	0.000163
Rate SP, Seasonal Sports Service	0.000163
Rate SL, Street Lighting Service	0.000163
Rate TL, Traffic Lighting Service	0.000163
Rate UOLS, Unmetered Outdoor Lighting	0.000163
Rate NSU, Street Lighting Service for Non-Standard Units	0.000163
Rate SC, Street Lighting Service – Customer Owned	0.000163
Rate SE, Street Lighting Service – Overhead Equivalent	0.000163
Rate LED, LED Street Lighting Service	0.000163
Rate TT, Time-of-Day Rate for Service at Transmission Voltage	0.000163
Other	0.000163

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. 2019-00271
Issued: September 3, 2019
Effective: October 3, 2019
Issued by: Amy B. Spiller, President /s/ Amy B. Spiller

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 85
Cancels and Supersedes
Second Revised Sheet No. 85
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 _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

PROGRAM DESCRIPTIONS (Contd.)

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.

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 86
Cancels and Supersedes
Second Revised Sheet No. 86
Page 3 of 3

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

TERMS AND CONDITIONS (Contd.)

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.

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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Original Sheet No. 87
Page 2 of 3

To participate in the GSA Program, a Customer must submit an application to the Company during a GSA Program enrollment window, as described on the Company's Program website, identifying an annual amount of renewable capacity to be developed on behalf of Customer. The Customer may apply for renewable generation capacity up to 125% of the Customer's aggregate Maximum Annual Demand for eligible Customer service location(s) within the Duke Energy Kentucky service territory. The Maximum Annual Demand shall be the sum of each locations kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use adjusted for power factor as provided in each locations applicable tariff sheet.

(N)
(N)
(N)
(N)
(N)
(N)
(N)

The application shall identify the requested contract term for the Customer's enrollment in the Program which may be up to twenty (20) years. All Customer applications shall be accompanied by the payment of a \$2,000 nonrefundable application fee. Program reservations will be accepted on a "first-come-first-served" basis based upon the date and time of receipt of the Customer's completed application. Subsequent applications will be held until earlier applications are resolved. The \$2,000 application fee will be refunded to the Customer only in the event the Customer's application is rejected due to insufficient available renewable energy capacity.

(N)
(N)
(N)
(N)
(N)
(N)
(N)

The GSA Service Agreement shall include the general terms and conditions applicable under this Rate and shall specify the rates and charges applicable under the GSA Program for the contract term. The Customer must execute and return the GSA Service Agreement within 30 days of delivery by the Company. Failure of the Customer to timely execute and return the GSA Service Agreement will result in termination of the Customer's application and any GSA capacity reservation, which would then require the Customer to start the Program enrollment process anew in order to participate in the Program.

(N)
(N)
(N)
(N)
(N)
(N)
(N)

RENEWABLE ENERGY CREDITS (RECS)

The GSA Facility must register with a REC tracking system to facilitate the issuance of RECs and transfer the applicable share of RECs to the Customer pursuant to the GSA Service Agreement. The GSA Service Agreement shall include an attestation by the Customer that the RECs generated by the designated GSA Facility will be transferred to a designated tracking account identified by the GSA Customer. The renewable facility owner shall be solely responsible for procuring, delivering, and transferring RECs to the Customer.

(N)
(N)
(N)
(N)
(N)
(N)
(N)

NET MONTHLY BILL

An amount computed under the GSA Customer's(s') primary rate schedule including applicable riders plus the sum of the (1) the GSA Product Charge, (2) the GSA Bill Credit, and (3) the GSA Administrative Charge.

(N)
(N)
(N)
(N)

1. GSA Product Charge – The GSA Product Charge shall be equal to the negotiated price (\$/kWh). The monthly GSA Product Charge shall be determined by multiplying the Negotiated Price times the energy produced by the GSA Facility during the billing period. These funds will be collected by Company and distributed to the renewable energy facility owner.
2. GSA Bill Credit – The GSA Bill Credit is the sum of all PJM credits and charges received by the GSA Facility owner.

(N)
(N)
(N)
(N)
(N)
(N)
(N)

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____, 2019 in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Original Sheet No. 87
Page 3 of 3

- 3. GSA Monthly Administrative Charge – will be \$375 per bill.

(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)
(N)
(N)
(N)

GENERAL PROVISIONS

The Company:

- (1) shall not be liable to the Customer in the event that a GSA Facility fails to produce energy as projected by Customer or Company or as otherwise consistent with the Customer's expectations and
- (2) shall have no obligation under any circumstance to supply RECs to the Customer not produced by the GSA Facility's operation and
- (3) shall require Customer to provide proof annually of financial security provisions such as the posting of a bond or letter of credit requirement as outlined in the GSA Service Agreement to protect Company against early termination risk associated with Customer business continuity.

(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

SPECIAL TERMS AND CONDITIONS

The provision of renewable generation for Customer is dependent upon the following terms and conditions:

- 1. The GSA Customer shall enter into a written service agreement with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.
- 2. GSA Facility owner shall meter 100% of generation output consistent with PJM capacity and energy market requirements.
- 3. All environmental attributes, including but not limited to "renewable energy certificates" (RECs), "renewable energy credits" or "green tags", associated with the renewable generation system shall be conveyed to Customer for the life of the GSA Service Agreement.
- 4. In the event that a GSA facility is located within the Company's distribution system the company reserves the right to ensure the distribution is not negatively impacted.
- 5. Upon termination of participation under this Rate, Customer will continue to receive bill adjustments for Customer's generation share recorded prior to termination that has not already been applied to Customer's bill.

(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

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.

(N)
(N)
(N)
(N)

Issued by authority of an Order of the Kentucky Public Service Commission dated _____, 2019 in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 88
Cancels and Supersedes
Fourth Revised Sheet No. 88
Page 1 of 2

RIDER GP

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

APPLICABILITY

Applicable to all customers who wish to purchase GoGreen units from the Company-sponsored GoGreen program and who enter a service agreement with the Company.

DEFINITION OF GREEN POWER

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

Wind, Solar Photovoltaic, Biomass Co-firing of Agricultural 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.

The GoGreen Program includes the purchase of Renewable Energy Certificates (RECs) from the sources described above.

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 \$1.00 per 100 kWh block with a minimum monthly purchase of two 100 kWh blocks.

TERMS AND CONDITIONS

1. The customer shall enter into a service agreement with Company that shall specify the number of kWh blocks 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 from the GoGreen Rate will be used to purchase RECs from renewable and environmentally friendly sources as described in the DEFINITION OF GREEN POWER section and for customer education, marketing, and costs of the Green Power Program.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 88
Cancels and Supersedes
Fourth Revised Sheet No. 88
Page 2 of 2

TERMS AND CONDITIONS (Contd.)

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. Company may obtain RECs from purchased power, company owned generation, or third party brokers purchased with funds collected from this rider.
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.

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 _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 89
Cancels and Supersedes
Fourth Revised Sheet No. 89
Page 1 of 8

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.
Issued: September 3, 2019
Effective: October 3, 2019
Issued by Amy B. Spiller, President /s/ Amy B. Spiller

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

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 89
Cancels and Supersedes
Fourth Revised Sheet No. 89
Page 2 of 8

METERING (Contd.)

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.

- (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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 89
Cancels and Supersedes
Fourth Revised Sheet No. 89
Page 3 of 8

APPLICATION AND APPROVAL PROCESS (Contd.)

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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 89
Cancels and Supersedes
Fourth Revised Sheet No. 89
Page 4 of 8

LEVEL 1 (Contd.)

- (6) The interconnection will not be on an area or spot network¹.
- (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

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.

¹Area 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.

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

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 89
Cancels and Supersedes
Fourth Revised Sheet No. 89
Page 5 of 8

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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 89
Cancels and Supersedes
Fourth Revised Sheet No. 89
Page 6 of 8

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.
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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 89
Cancels and Supersedes
Fourth Revised Sheet No. 89
Page 7 of 8

TERMS AND CONDITIONS FOR INTERCONNECTION (Contd.)

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.
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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 89
Cancels and Supersedes
Fourth Revised Sheet No. 89
Page 8 of 8

TERMS AND CONDITIONS FOR INTERCONNECTION (Contd.)

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.
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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 90
Cancels and Supersedes
Second Revised Sheet No. 90
Page 1 of 1

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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fourth Revised Sheet No. 91
Cancels and Supersedes
Third Revised Sheet No. 91
Page 1 of 2

CHARGE FOR RECONNECTION OF SERVICE

(I)

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.

(T)

(I)

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 three dollars forty-five cents (\$5.88) for reconnections that can be accomplished remotely or seventy-five dollars (\$60.00) for reconnections that cannot be accomplished remotely.

(I)

(R)

B. The reconnection charge for service which has been disconnected within the preceding twelve months at the request of the customer shall be three dollars forty-five cents (\$5.88) for reconnections that can be accomplished remotely or seventy-five dollars (\$60.00) for reconnections that cannot be accomplished remotely.

(I)

(R)

C. If service is discontinued because of fraudulent use thereof, the Company may charge and collect in addition to the reconnection charge of three dollars forty-five cents (\$5.88) for reconnections that can be accomplished remotely or seventy-five dollars (\$60.00) 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. Due to the threat to public safety that tampering with Company equipment creates, the detection of tampering with Company equipment (e.g. metering), can result in a \$200 charge for residential customers or a \$1,000 charge for non-residential customers. At the Company's discretion particularly dangerous or repeated instances of tampering may result in the customer being required to take service under Rider AMO and being subject to the charges associated with that rider.

(I)

(R)

(N)

(N)

(N)

(N)

(N)

D. 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).

(T)

E. 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 (\$40.00). Customers will be notified of

(T)

(I)

Issued by authority of an Order of the Kentucky Public Service
Commission, dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Fourth Revised Sheet No. 91
Cancels and Supersedes
Third Revised Sheet No. 91
Page 2 of 2

the additional \$40.00 charge for reconnection at the meter or at the pole at the time they request same day service. (I)

- F. 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

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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 92
Cancels and Supersedes
Second Revised Sheet No. 92
Page 1 of 6

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.

ATTACHMENT CHARGES

The following annual rental rate per foot of pole shall be charged for the use of each of the Company's poles:

\$8.76 per foot for a two-user pole. (I)

\$7.40 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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 92
Cancels and Supersedes
Second Revised Sheet No. 92
Page 2 of 6

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 92
Cancels and Supersedes
Second Revised Sheet No. 92
Page 3 of 6

TERMS AND CONDITIONS (Contd.)

- 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.
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.
 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:

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 92
Cancels and Supersedes
Second Revised Sheet No. 92
Page 4 of 6

TERMS AND CONDITIONS (Contd.)

- (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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 92
Cancels and Supersedes
Second Revised Sheet No. 92
Page 5 of 6

TERMS AND CONDITIONS (Contd.)

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 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.
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

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 92
Cancels and Supersedes
Second Revised Sheet No. 92
Page 6 of 6

TERMS AND CONDITIONS (Contd.)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY. P.S.C. Electric No. 2
Fifth Revised Sheet No. 93
Cancels and Supersedes
Fourth Revised Sheet No. 93
Page 1 of 2

**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 _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY. P.S.C. Electric No. 2
Fifth Revised Sheet No. 93
Cancels and Supersedes
Fourth Revised Sheet No. 93
Page 2 of 2

RATE SCHEDULES

Rates for Purchases from qualifying facilities:

- (1) Energy Purchase Rate
The purchase rate shall be \$0.032038/kWh for all kilowatt-hours delivered. (I)

- (2) Capacity Purchase Rate
The purchase rate shall be \$4.00/kW-month for eligible capacity approved by PJM. 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. (I)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Sixth Revised Sheet No. 94
Cancels and Supersedes
Fifth Revised Sheet No. 94
Page 1 of 2

**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."

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Sixth Revised Sheet No. 94
Cancels and Supersedes
Fifth Revised Sheet No. 94
Page 2 of 2

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.

- (2) Capacity Purchase Rate
The purchase rate shall be \$4.00/kW-month for eligible capacity approved by PJM. 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. (I)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 95
Cancels and Supersedes
Second Revised Sheet No. 95
Page 1 of 1

LOCAL GOVERNMENT FEE

(T)

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. 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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 96
Cancels and Supersedes
Second Sheet No. 96
Page 1 of 3

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.
- 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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 96
Cancels and Supersedes
Second Sheet No. 96
Page 2 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 96
Cancels and Supersedes
Second Sheet No. 96
Page 3 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 97
Cancels and Supersedes
Second Sheet No. 97
Page 1 of 3

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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 97
Cancels and Supersedes
Second Sheet No. 97
Page 2 of 3

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.

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.
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 agreement.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 97
Cancels and Supersedes
Second Sheet No. 97
Page 3 of 3

GENERAL CONDITIONS (Cont'd.)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 98
Cancels and Supersedes
Second Revised Sheet No. 98
Page 1 of 6

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;

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 98
Cancels and Supersedes
Second Revised Sheet No. 98
Page 2 of 6

I. 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.
- 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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 98
Cancels and Supersedes
Second Revised Sheet No. 98
Page 3 of 6

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 98
Cancels and Supersedes
Second Revised Sheet No. 98
Page 4 of 6

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;

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 98
Cancels and Supersedes
Second Revised Sheet No. 98
Page 5 of 6

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 98
Cancels and Supersedes
Second Revised Sheet No. 98
Page 6 of 6

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY. P.S.C. Electric No. 2
Seventh Revised Sheet No. 99
Cancels and Supersedes
Sixth Revised Sheet No. 99
Page 1 of 4

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:

$$\text{RTP Bill} = \text{BC} + \text{PC} + \sum_{t=1}^n \{ (\text{CC}_t + \text{ED}_t) \times (\text{AL}_t - \text{CBL}_t) \}$$

Where:

BC = Baseline Charge
PC = Program Charge

CC_t = Commodity Charge for hour t
ED_t = Energy Delivery Charge for hour t
AL_t = Customer Actual Load for hour t
CBL_t = Customer Baseline Load in hour t
n = total number of hours in the billing period
t = an hour in the billing period

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No.2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY. P.S.C. Electric No. 2
Seventh Revised Sheet No. 99
Cancels and Supersedes
Sixth Revised Sheet No. 99
Page 2 of 4

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.

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_t above the CBL_t, CC_t = MVG_t x LAF
For kWh_t below the CBL_t, CC_t = MVG_t x 80% x LAF

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No.2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

COMMODITY CHARGE (Contd.)

Where:

- LAF = loss adjustment factor
- = 1.0530 for Rate TT
- = 1.0800 for Rate DP and Rate DT
- = 1.1100 for Rate DS
- MVG_t = Market Value Of Generation As Determined By Company for hour t

The MVG_t 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.

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	\$0.018391 per kW Per Hour	(I)
Primary Service	\$0.015184 per kW Per Hour	(I)
Transmission Service	\$0.006602 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
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated _____ in Case No.2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY. P.S.C. Electric No. 2
Seventh Revised Sheet No. 99
Cancels and Supersedes
Sixth Revised Sheet No. 99
Page 4 of 4

PROGRAM CHARGE (Contd.)

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 _____ in Case No.2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 100
Cancels and Supersedes
Second Revised Sheet No. 100
Page 1 of 7

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).

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.

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;

Issued by authority of an order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 100
Cancels and Supersedes
Second Revised Sheet No. 100
Page 2 of 7

II. Essential Customers (Contd.)

- (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;
- (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.

Issued by authority of an order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 100
Cancels and Supersedes
Second Revised Sheet No. 100
Page 3 of 7

II. Essential Customers (Contd.)

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.

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.

Issued by authority of an order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 100
Cancels and Supersedes
Second Revised Sheet No. 100
Page 4 of 7

III. Remedial Measures in the Event of Emergency (Contd.)
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

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

Issued by authority of an order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 100
Cancels and Supersedes
Second Revised Sheet No. 100
Page 5 of 7

IV. Curtailment Procedures (Contd.)

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/Reliability First Security Coordinator.
- (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 Reliability First 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:

<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

Issued by authority of an order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 100
Cancels and Supersedes
Second Revised Sheet No. 100
Page 6 of 7

IV. Curtailment Procedures (Contd.)

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;
- (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, Reliability First, 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.

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.

Issued by authority of an order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 100
Cancels and Supersedes
Second Revised Sheet No. 100
Page 7 of 7

V. Transmission Emergency Rules (Contd.)

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.

Issued by authority of an order of the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 101
Cancels and Supersedes
Second Revised Sheet No. 101
Page 1 of 1

RATE MDC

METER DATA CHARGES FOR ENHANCED USAGE DATA SERVICES

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.

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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

KY.P.S.C. Gas No. 2
Two-Hundred-Sixteenth
Revised Sheet No.10
Cancelling and Superseding
Two-Hundred-Fifteenth
Revised Sheet No. 10
Page 1 of 3

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

INDEX TO APPLICABLE GAS TARIFF SCHEDULES AND COMMUNITIES SERVED

	<u>Sheet No.</u>	<u>Billing Effective Date</u>	<u>Effective Date per Order</u>
<u>SERVICE REGULATIONS</u>			
Service Agreements.....	20	03/29/19	03/29/19
Supplying and Taking of Service.....	21	03/29/19	03/29/19
Customer's Installation.....	22	03/29/19	03/29/19
Company's Installation.....	23	03/29/19	03/29/19
Metering.....	24	03/29/19	03/29/19
Billing and Payment.....	25	03/29/19	03/29/19
Deposits.....	26	03/29/19	03/29/19
Application.....	27	03/29/19	03/29/19
Gas Space Heating Regulations.....	28	03/29/19	03/29/19
Availability of Gas Service.....	29	03/29/19	03/29/19
<u>FIRM SERVICE TARIFF SCHEDULES</u>			
Rate RS, Residential Service.....	30	05/31/19	05/31/19
Rate GS, General Service.....	31	05/31/19	05/31/19
Reserved for Future Use.....	32		
Reserved for Future Use.....	33		
Reserved for Future Use.....	34		
Reserved for Future Use.....	35		
Reserved for Future Use.....	36		
Reserved for Future Use.....	37		
Reserved for Future Use.....	38		
Reserved for Future Use.....	39		
Reserved for Future Use.....	40		
Reserved for Future Use.....	41		
Reserved for Future Use.....	42		
Reserved for Future Use.....	43		
Rate FRAS, Full Requirements Aggregation Service.....	44	03/29/19	03/29/19
Reserved for Future Use.....	45		
Reserved for Future Use.....	46		
Reserved for Future Use.....	47		
Reserved for Future Use.....	48		
Reserved for Future use.....	49		

Issued by authority of an Order by the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019
Effective: October 3, 2019
Issued by Amy B. Spiller, President /s/ Amy B. Spiller

KY.P.S.C. Gas No. 2
Two-Hundred-Sixteenth
Revised Sheet No.10
Cancelling and Superseding
Two-Hundred-Fifteenth
Revised Sheet No. 10
Page 2 of 3

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

INDEX TO APPLICABLE GAS TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

TRANSPORTATION TARIFF SCHEDULE

Rate IT, Interruptible Transportation Service.....	50	03/29/19	03/29/19
Rate FT-L, Firm Transportation Service.....	51	03/29/19	03/29/19
Reserved for Future Use.....	52		
Rate SSIT, Spark Spread Interruptible Transportation Rate.....	53	03/29/19	03/29/19
Reserved for Future Use.....	54		
Rate AS, Aggregation Service for Interruptible Transportation.....	55	03/29/19	03/29/19
Reserved for Future Use.....	56		
		03/29/19	
Rate GTS, Gas Trading Service.....	57	04/01/19	03/29/19
Rate IMBS, Interruptible Monthly Balancing Service.....	58	03/29/19	03/29/19
Rate DGS, Distributed Generation Service.....	59	03/29/19	03/29/19

Issued by authority of an Order by the Kentucky Public Service
Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019
Effective: October 3, 2019
Issued by Amy B. Spiller, President /s/ Amy B. Spiller

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

INDEX TO APPLICABLE GAS TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

	<u>Sheet No.</u>	<u>Billing Effective Date</u>	<u>Effective Date per Order</u>	
<u>RIDERS</u>				
Rider X, Main Extension Policy.....	60	03/29/19	03/29/19	
Rider DSM, Demand Side Management Cost Recovery Program	61	03/29/19	03/29/19	
Rider DSMR, Demand Side Management Rate.....	62	06/07/19	06/07/19	
Accelerated Service Replacement Program Rider.....	63	03/29/19	03/29/19	
Reserved for Future Use.....	64			
Weather Normalization Adjustment Rider.....	65	04/01/19	04/01/19	
Reserved for Future Use.....	66			
Reserved for Future Use.....	67			
Reserved for Future Use.....	68			
Reserved for Future Use.....	69			
<u>GAS COST RECOVERY RIDERS</u>				
Gas Cost Adjustment Clause.....	70	03/29/19	03/29/19	
Reserved for Future Use.....	71			
Reserved for Future Use.....	72			
Reserved for Future Use.....	73			
Reserved for Future Use.....	74			
Reserved for Future Use.....	75			
Reserved for Future Use.....	76			
Rider GCAT, Gas Cost Adjustment Transition Rider.....	77	05/31/19	05/31/19	
Reserved for Future Use.....	78			
Reserved for Future Use.....	79			
<u>MISCELLANEOUS</u>				
Bad Check Charge.....	80	03/29/19	03/29/19	
Charge for Reconnection of Service.....	81	10/03/19	10/03/19	(T)
Local Franchise Fee.....	82	03/29/19	03/29/19	
Curtailment Plan.....	83	03/29/19	03/29/19	
Rate MPS, Meter Pulse Service.....	84	03/29/19	03/29/19	
Reserved for Future Use.....	85			
Reserved for Future Use.....	86			
Reserved for Future Use.....	87			
Reserved for Future Use.....	88			
Reserved for Future Use.....	89			

Issued by authority of an Order by the Kentucky Public Service
 Commission dated _____ in Case No. 2019-00271.

Issued: September 3, 2019
 Effective: October 3, 2019
 Issued by Amy B. Spiller, President /s/ Amy B. Spiller

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

KY.P.S.C. Gas No. 2
Fourth Revised Sheet No. 81
Cancelling and Superseding
Third Revised Sheet No. 81
Page 1 of 1

CHARGE FOR RECONNECTION OF SERVICE

APPLICABILITY

Applicable to all customers in the Company's entire service area who are in violation of Rule 3, Company's Right to Cancel Service Agreement or to Suspend Service, of the Company's Gas 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 seventy-five dollars (\$75.00).
- B. The reconnection charge for service which has been disconnected within the preceding twelve months at the request of the customer shall be seventy-five dollars (\$75.00).
- C. If service is discontinued because of fraudulent use thereof, the Company may charge and collect in addition to the reconnection charge of seventy-five dollars (\$75.00) the expense incurred by the Company by reason of such fraudulent use, plus an estimated bill for gas used, prior to the reconnection of service. Due to the threat to public safety that tampering with Company equipment creates, the detection of tampering with Company equipment (e.g. metering), can result in a \$200 charge for residential customers or a \$1,000 charge for non-residential customers.

(N)
(N)
(N)
(N)

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. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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



duke-energy.com
800.544.6900

Your Energy Bill

page 1 of 2 (N)

Service address
11234 US Hwy 24/27
Apt: 6
Alexandria KY 41001

Bill Date **Apr 4, 2018** (N)
For service **Mar 2 – Apr 3** (N)
32 days (N)
Account number **999 999 999** (N)

Billing summary

Previous amount due	\$ 54.23
Payment received Mar 14	- 54.23
Current electric charges	58.16
Taxes	1.74
Total amount due Apr 26	\$ 59.90



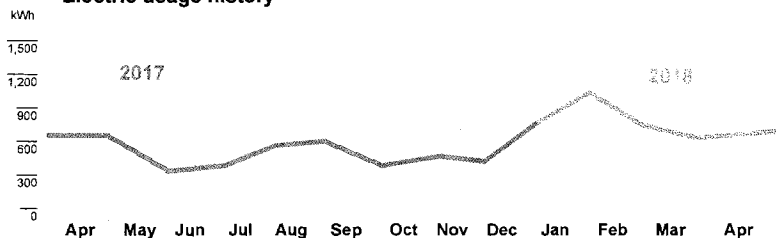
Thank you for your on-time payment.

Your current delivery rate with Duke Energy is *Residential Service (RS)*.

For a complete listing of all Kentucky residential rates and riders, visit duke-energy.com/home/billing/rates.

Your usage snapshot

Electric usage history



	Current Month	Apr 2017	12-Month Usage	Average Monthly Usage
Electric	682	690	7,127	594

12-Month usage based on most recent history

Current usage for meter number 999999999

Actual reading on Apr 3	11255
Previous reading on Mar 2	- 10573
Energy used	682 kWh



A kilowatt-hour (kWh) is a measure of the energy used by a 1,000-watt appliance in one hour. A 10-watt LED lightbulb would take 100 hours to use 1 kWh.

Mail your payment at least 7 days before the due date or pay instantly at duke-energy.com/billing.
Late payments are subject to a 5% late charge.

Please return this portion with your payment. Thank you for your business.



P.O. Box 70516
Charlotte NC 28272-0516

Account number **999 999 999**

\$ 59.90
by Apr 26

After Apr 26, the amount due will increase to \$62.81.

To help others with a contribution to WinterCare, add here.

\$ _____ Amount enclosed

000549 0000024295



Sally Sample
P.O. Box ABC
Alexandria KY 41001-0214

P.O. Box 1326
Charlotte, NC 28201-1326



09880389 0 9752709 1 0000011588 6 0000011588 6 0000011588 6



duke-energy.com
800.544.6900

Your Energy Bill

Service address

123 Mount Olive Rd
Florence KY 41042

Bill date Dec 13, 2018

For service Nov 9 – Dec 12

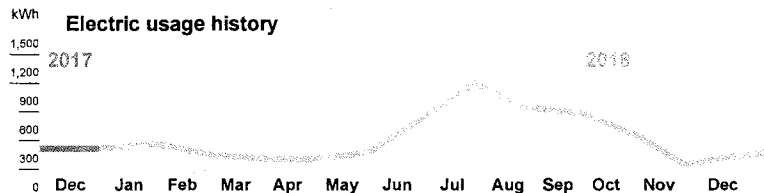
33 days

Account number **999 999 999**

Billing summary

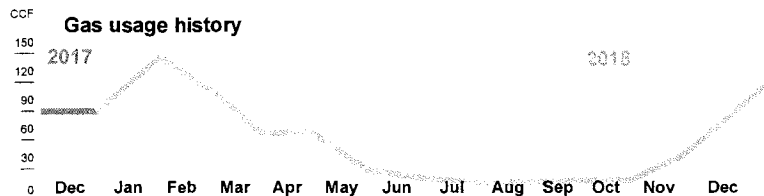
Previous amount due	\$93.40
<i>Payment received Nov 26</i>	- 93.40
Current electric charges	50.31
Current gas charges	105.22
Taxes	4.67
Total amount due Jan 4	\$ 160.20

Your usage snapshot



	Current Month	Dec 2017	12-Month Usage	Average Monthly Usage
Electric	473	516	7,830	653

12-Month usage based on most recent history



	Current Month	Dec 2017	12-Month Usage	Average Monthly Usage
Gas	111	89	585	49

12-Month usage based on most recent history

Please return this portion with your payment. Thank you for your business.



P.O. Box 1326
Charlotte NC 28201-1326

Account number **999 999 999**

Mail your payment at least 7 days before the due date or pay instantly at duke-energy.com/billing. Late payments are subject to a 5% late charge.

\$ 160.20
on Jan 4

After Jan 4, the amount due will increase to \$167.98.

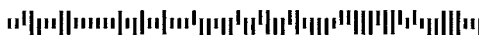
To help others with a contribution to WinterCare, add here.

\$ _____ Amount enclosed



Sally Sample
123 Mount Olive Rd
Florence KY 41042-3141

P.O. Box 1326
Charlotte, NC 28201-1326



09880389 0 9752709 1 0000011588 6 0000011588 6 0000011588 6



duke-energy.com
800.544.6900

page 4 of 4 (N)

Account number 999 999 999 (N)

(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

Billing details - Taxes

Explanation of taxes	
Rate increase for school tax	4.67
Total taxes	\$4.67

KY. P.S.C. Electric No. 2
First Revised Sheet No. 01
 Cancels and Supersedes
Original Sheet No. 01
 Page 1 of 2

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

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: May 1, 2018

Issued by James P. Henning, President /s/ James P. Henning

KY. P.S.C. Electric No. 2
First Revised Sheet No. 01
Cancels and Supersedes
Original Sheet No. 01
Page 2 of 2

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

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: May 1, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
 Seventy-Eighth Revised Sheet No. 10
 Cancels and Supersedes
 Seventy-Seventh Revised Sheet No. 10
 Page 1 of 4

INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED

	<u>Sheet No.</u>	<u>Effective Date</u>	
<u>SERVICE REGULATIONS</u>			
Service Agreements.....	20	<u>04/14/18</u>	(T)
Supplying and Taking of Service.....	21	<u>04/14/18</u>	(T)
Customer's Installations.....	22	<u>04/14/18</u>	(T)
Company's Installation.....	23	<u>04/14/18</u>	(T)
Metering.....	24	<u>04/14/18</u>	(T)
Billing and Payment.....	25	<u>04/14/18</u>	(T)
Deposits.....	26	<u>04/14/18</u>	(T)
Application of Service Regulations.....	27	<u>04/14/18</u>	(T)
Reserved for Future Use.....	28-29		(T)
<u>RESIDENTIAL SERVICE</u>			
Rate RS, Residential Service.....	30	<u>10/02/18</u>	(T)
Reserved for Future Use.....	31-39		
<u>DISTRIBUTION VOLTAGE SERVICE</u>			
Rate DS, Service at Secondary Distribution Voltage.....	40	<u>10/02/18</u>	(T)
Rate DT, Time-of-Day Rate For Service at Distribution Voltage.....	41	<u>10/02/18</u>	(T)
Rate EH, Optional Rate for Electric Space Heating.....	42	<u>04/14/18</u>	(T)
Rate SP, Seasonal Sports Service.....	43	<u>04/14/18</u>	(T)
Rate GS-FL, General Service Rate for Small Fixed Loads.....	44	<u>04/14/18</u>	(T)
Rate DP, Service at Primary Distribution Voltage.....	45	<u>04/14/18</u>	(T)
Reserved for Future Use.....	46-49		
<u>TRANSMISSION VOLTAGE SERVICE</u>			
Reserved for Future Use.....	50		
Rate TT, Time-of-Day Rate for Service at Transmission Voltage.....	51	<u>10/02/18</u>	(T)
Reserved for Future Use.....	52-57		
Rider GSS, Generation Support Service.....	58	<u>04/14/18</u>	(T)
Rate RTP-M, Real Time Pricing – Market Based Pricing.....	59	<u>04/14/18</u>	(T)

Issued by authority of an Order by the Kentucky Public Service
 Commission dated December 13, 2018 in Case No. 2018-00370.

Issued: June 10, 2019

Effective: June 7, 2019

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

KY.P.S.C. Electric No. 2
 Seventy-Eighth Revised Sheet No. 10
 Cancels and Supersedes
 Seventy-Seventh Revised Sheet No. 10
 Page 2 of 4

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

INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

	<u>Sheet No.</u>	<u>Effective Date</u>	
<u>LIGHTING SERVICE</u>			
Rate SL, Street Lighting Service.....	60	<u>04/14/18</u>	(T)
Rate TL, Traffic Lighting Service.....	61	<u>04/14/18</u>	(T)
Rate UOLS, Unmetered Outdoor Lighting.....	62	<u>04/14/18</u>	(T)
Rate OL-E, Outdoor Lighting Equipment Installation.....	63	<u>04/14/18</u>	(T)
Rate LED, Outdoor LED Lighting Service.....	64	<u>10/02/18</u>	(T)
Rate OL, Outdoor Lighting Service.....	65	<u>04/14/18</u>	(T)
Rate NSU, Street Lighting Service for Non-Standard Units.....	66	<u>04/14/18</u>	(T)
Rate NSP, Private Outdoor Lighting for Non-Standard Units.....	67	<u>04/14/18</u>	(T)
Rate SC, Street Lighting Service – Customer Owned.....	68	<u>04/14/18</u>	(T)
Rate SE, Street Lighting Service – Overhead Equivalent.....	69	<u>04/14/18</u>	(T)
<u>TARIFF RIDERS</u>			
Rider PPS, Premier Power Service.....	70	<u>04/14/18</u>	(T)
Rider TS, Temporary Service.....	71	<u>04/14/18</u>	(T)
Rider X, Line Extension.....	72	<u>04/14/18</u>	(T)
Rider LM, Load Management Rider.....	73	<u>04/14/18</u>	(T)
Rider AMO, Advanced Meter Opt-out - Residential.....	74	<u>04/14/18</u>	(T)
Rider DSM, Demand Side Management Cost Recovery Program...	75	<u>09/30/10</u>	(T)
Rider ESM, Environmental Surcharge Mechanism	76	<u>04/14/18</u>	(T)
Rider PLM, Peak Load Management Program.....	77	<u>09/30/10</u>	(T)
Rider DSMR, Demand Side Management Rate.....	78	<u>06/07/19</u>	(T)
Rider BDP, Backup Delivery Point Capacity Rider	79	<u>04/14/18</u>	(T)
<u>FUEL RIDERS</u>			
Rider FAC, Fuel Adjustment Clause.....	80	<u>04/14/18</u>	(T)
Reserved for Future Use.....	81		
Rider PSM, Off-System Sales Profit Sharing Mechanism.....	82	<u>05/31/19</u>	(T)
Reserved for Future Use.....	83		
Reserved for Future Use.....	84		
Rider BR, Brownfield Redevelopment Rider.....	85	<u>04/14/18</u>	(T)
Rider DIR, Development Incentive Rider.....	86	<u>04/14/18</u>	(T)
Reserved for Future Use.....	87		
Rider GP, Green Power Rider.....	88	<u>04/14/18</u>	(T)
Rider NM, Net Metering Rider.....	89	<u>04/14/18</u>	(T)

Issued by authority of an Order by the Kentucky Public Service
 Commission dated December 13, 2018 in Case No. 2018-00370.

Issued: June 10, 2019

Effective: June 7, 2019

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

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

INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

<u>MISCELLANEOUS</u>	<u>Sheet No.</u>	<u>Effective Date</u>	
Bad Check Charge.....	90	<u>04/14/18</u>	(T)
Charge for Reconnection of Service.....	91	<u>04/14/18</u>	(T)
Rate DPA, Distribution Pole Attachments.....	92	<u>04/14/18</u>	(T)
Cogeneration and Small Power Production Sale and Purchase – 100 kW or Less.....	93	<u>10/02/18</u>	(T)
Cogeneration And Small Power Production Sale and Purchase – Greater Than 100 kW.....	94	<u>10/02/18</u>	(T)
Local Franchise Fee.....	95	<u>04/14/18</u>	(T)
Rate UDP-R, Underground Residential Distribution Policy.....	96	<u>04/14/18</u>	(T)
Rate UDP-G, General Underground Distribution Policy.....	97	<u>04/14/18</u>	(T)
Electricity Emergency Procedures for Long Term Fuel Shortages.....	98	<u>04/14/18</u>	(T)
Rate RTP, Real Time Pricing Program.....	99	<u>04/14/18</u>	(T)
Emergency Electric Procedures.....	100	<u>04/14/18</u>	(T)
Rate MDC, Meter Data Charges.....	101	<u>04/14/18</u>	(T)
Appliance Recycling Program.....	102	10/01/18	
Energy Efficiency Education Program For Schools Program (EEEEPS).	103	10/01/18	
Residential Smart Saver.....	104	10/01/18	
Low Income Neighborhood Program.....	105	10/01/18	
Low Income Services Program.....	106	10/01/18	
My Home Energy Report Program.....	107	10/01/18	
Residential Direct Load Control – Power Manager Program.....	108	10/01/18	
Residential Home Energy House Call.....	109	10/01/18	
Energy Star Products.....	110	10/01/18	
Smart \$aver Custom Program.....	111	10/01/18	
Smart \$aver Energy Assessments Program.....	112	10/01/18	
CI High Efficiency Incentive.....	113	10/01/18	
Energy Efficiency Website.....	114	10/01/18	
Personalized Energy Report (PER).....	115	10/01/18	
Smart \$aver Custom Program.....	116	10/01/18	
Payment Plus.....	117	10/01/18	
Small Business Energy Saver Program.....	118	10/01/18	
Non-Residential Pay For Performance Program.....	121	10/01/18	

Issued by authority of an Order by the Kentucky Public Service
 Commission dated December 13, 2018 in Case No. 2018-00370.

Issued: June 10, 2019

Effective: June 7, 2019

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

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

KY.P.S.C. Electric No. 2
 Seventy-Eighth Revised Sheet No. 10
 Cancels and Supersedes
 Seventy-Seventh Revised Sheet No. 10
 Page 4 of 4

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	Villa Hills
Fairview	Walton
Florence	Wilder
Fort Mitchell	
Fort Thomas	Woodlawn
Fort Wright	
Grant County	

Issued by authority of an Order by the Kentucky Public Service
 Commission dated December 13, 2018 in Case No. 2018-00370.

Issued: June 10, 2019

Effective: June 7, 2019

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

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

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 21
Cancels and Supersedes
First Revised Sheet No. 21
Page 3 of 3

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

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 22
Cancels and Supersedes
First Revised Sheet No. 22
Page 1 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 22
Cancels and Supersedes
First Revised Sheet No. 22
Page 2 of 2

SECTION III - CUSTOMER'S INSTALLATIONS (Contd.)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 23
Cancels and Supersedes
Second Revised Sheet No. 23
Page 1 of 2

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.

In situations where Company installs residential underground service lines as part of new construction, or to replace a failed existing customer-owned underground service line, or to increase service reliability at the discretion of the Company, Company will own and maintain the residential underground service lines going forward. Residential service is defined as electric service (400 amp or less) other than three phase service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings where distribution lines are adjacent to the premises to be served. Commercial and industrial services are excluded from this definition of residential service. The property must be owned by the customer and not a third party such as an HOA or management company, and the service line must not cross another owner's property. Company reserves the right to deny replacing an underground service and assuming ownership in unique situations.

(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

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.

Issued: December 11, 2018
Effective: January 11, 2019
Issued by Amy B. Spiller, President /s/ Amy B. Spiller

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

KY.P.S.C. Electric No. 2
Third Revised Sheet No. 23
Cancels and Supersedes
Second Revised Sheet No. 23
Page 2 of 2

SECTION IV - COMPANY'S INSTALLATION (Contd.)

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.

Issued: December 11, 2018

Effective: January 11, 2019

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

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

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

4. Optional Monitoring Programs for Customers.

Company will offer, as available, optional alert programs for customer participation. These programs are described below. Customers should contact the Company for current program details and eligibility.

1. Usage Alerts provide enrolled customers with a mid-cycle report of their usage to date, along with projections of the end-of-cycle bill, based on historical usage and weather data. Customers will also have the opportunity to elect to receive threshold-based reports.
2. Outage Alerts provide enrolled customers with enhanced restoration information regarding their service when the customer has an outage. Company will be able to communicate with enrolled customers to make them more aware of the outage, the cause, the estimated time of restoration as well as changes to the estimated time of restoration during the outage, and notification of restoration.

(T)
(T)
(T)
(T)
(T)
(T)
(T)
(T)
(T)
(T)
(T)
(T)
(T)

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

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.

Customers current on their account may participate upon request in the Adjusted Due Date Program. The Adjusted Due Date Program is available to Duke Energy Kentucky electric customers who have an analog meter. This service allows a customer to adjust the due date of the energy bill five-to-ten days forward from the original due date.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated March 27, 2019 in Filing No. 2018-00261.

Issued: April 5, 2019

Effective: March 29, 2019

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

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

SECTION VI - BILLING AND PAYMENT (Contd.)

2. Information on Customer Bills. (Contd.)

- (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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated March 27, 2019 in Filing No. 2018-00261.

Issued: April 5, 2019

Effective: March 29, 2019

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

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

SECTION VI - BILLING AND PAYMENT (Contd.)

7. Availability of Budget Billing.

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:

- (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.

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.

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

Budget Billing Plan Description:

Annual Plan:

- The Annual Plan provides 11 months of equal payments by using 12 months of customer's usage, dividing the usage by 11, and using the result to calculate the bill.
- Month 12 is a settle-up month between the billed amounts and customer bills based on actual usage.
- A bill message is sent after 6 months with a suggested new bill amount if the budget bill amounts compared to the actual bill amounts exceeds a Company set threshold; however, Customer must contact Company to change the amount.
- The budget bill amount is changed as needed after the 12 month review.

Quarterly Plan:

- The Quarterly Plan provides 3 months of equal payments starting by using 12 months of customer's usage, dividing the usage by 12, and using the result to calculate the bill.
- However, to prevent a settle-up month, reviews occur after 3, 6, 9, and 12 months on the plan and continue every 3 months thereafter.
- The budget bill amount is changed as needed after each review. The change is automatic and the customer does not need to contact Company.
- A bill message is sent after each review with a new bill amount if the budget bill amounts compared to the actual bill amounts exceeds a Company set threshold.

Issued by authority of an Order of the Kentucky Public Service
Commission dated March 27, 2019 in Filing No. 2018-00261.

Issued: April 5, 2019

Effective: March 29, 2019

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

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

SECTION VI - BILLING AND PAYMENT (Contd.)

8. Partial payment Plans.

(T)

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.

(T)

(T)

9. Pick Your Own Due Date.

Pick Your Own Due Date lets a customer choose what day their bill is due each month. This change in the due date may result in one billing period with a longer or shorter cycle, which could affect the amount of the first bill the customer receives. A customer can change their due date once every 12 months. Customers should contact the Company for current program specifics and eligibility.

10. Bill Format.

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

Issued by authority of an Order of the Kentucky Public Service
 Commission dated March 27, 2019 in Filing No. 2018-00261.

Issued: April 5, 2019

Effective: March 29, 2019

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

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

Second Revised Sheet No. 26

Cancels and Supersedes

First Revised Sheet No. 26

Page 2 of 2

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

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY. P.S.C. Electric No. 2
Second Revised Sheet No. 27
Cancels and Supersedes
First Revised Sheet No. 27
Page 1 of 1

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Ninth Revised Sheet No. 30
 Cancels and Supersedes
Eighth Revised Sheet No. 30
 Page 1 of 2

RATE RS

RESIDENTIAL SERVICE

APPLICABILITY

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

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

Computed in accordance with the following charges:

- | | | | |
|---------------------|-------------------|-----------|-----|
| 1. Base Rate | | | |
| (a) Customer Charge | <u>\$11.00</u> | per month | (I) |
| (b) Energy Charge | | | |
| All kilowatt hours | <u>\$0.071650</u> | per kWh | (I) |

2. Applicable Riders

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

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

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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

Issued by authority of an Order of the Kentucky Public Service
 Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 30
Cancels and Supersedes
Eighth Revised Sheet No. 30
Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 40
Cancels and Supersedes
Eighth Revised Sheet No. 40
Page 1 of 4

RATE DS

SERVICE AT SECONDARY DISTRIBUTION VOLTAGE

APPLICABILITY

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

TYPE OF SERVICE

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

NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, and all applicable riders, shall not exceed \$0.236915 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	\$ <u>17.14</u>	per month	(R)
Three Phase Service	\$ <u>34.28</u>	per month	(R)
(b) Demand Charge			
First 15 kilowatts	\$ 0.00	per kW	
Additional kilowatts	\$ <u>8.25</u>	per kW	(I)
(c) Energy Charge			
First 6,000 kWh	<u>\$0.080200</u>	per kWh	(I)
Next 300 kWh/kW	<u>\$0.049232</u>	per kWh	(I)
Additional kWh	<u>\$0.040317</u>	per kWh	(I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge shown above.

Issued by authority of an Order of the Kentucky Public Service Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 40
Cancels and Supersedes
Eighth Revised Sheet No. 40
Page 2 of 4

NET MONTHLY BILL (Contd.)

For customers receiving service under the provisions of former Rate C, Optional Rate for Churches, as of June 25, 1981, the maximum monthly rate per kilowatt-hour shall not exceed \$0.145445 per kilowatt-hour plus all applicable riders. (I)

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

METERING

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

DEMAND

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

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

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

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

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 40
Cancels and Supersedes
Eighth Revised Sheet No. 40
Page 3 of 4

POWER FACTOR ADJUSTMENT

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

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

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

LATE PAYMENT CHARGE

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 40
Cancels and Supersedes
Eighth Revised Sheet No. 40
Page 4 of 4

TERMS AND CONDITIONS (Contd.)

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

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 41
 Cancels and Supersedes
Eighth Revised Sheet No. 41
 Page 1 of 4

RATE DT

TIME-OF-DAY RATE FOR SERVICE AT DISTRIBUTION VOLTAGE

APPLICABILITY

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

1. Base Rate

(a) Customer Charge			
Single Phase	\$ 63.50	per month	(I)
Three Phase	\$127.00	per month	(I)
Primary Voltage Service	\$138.00	per month	
(b) Demand Charge			
Summer			
On Peak kW	\$ 13.78	per kW	(I)
Off Peak kW	\$ 1.24	per kW	(I)
Winter			
On Peak kW	\$ 13.04	per kW	(I)
Off Peak kW	\$ 1.24	per kW	(I)
(c) Energy Charge			
Summer On Peak kWh	\$0.043450	per kWh	(I)
Winter On Peak kWh	\$0.041479	per kWh	(I)
Off Peak kWh	\$0.035582	per kWh	(I)

Issued by authority of an Order of the Kentucky Public Service
 Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 41
 Cancels and Supersedes
Eighth Revised Sheet No. 41
 Page 2 of 4

NET MONTHLY BILL (Contd.)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
 Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
 Sheet No. 78, Rider DSMR, Demand Side Management Rider
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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

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

For purposes of administration of the above Base Rate charges, the summer period is defined as 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 \$0.70 per kW.
 Additional kW of On Peak billing demand at \$0.54 per kW.

(R)

(R)

Issued by authority of an Order of the Kentucky Public Service
 Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 41
Cancels and Supersedes
Eighth Revised Sheet No. 41
Page 3 of 4

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 41
Cancels and Supersedes
Eighth Revised Sheet No. 41
Page 4 of 4

TERMS AND CONDITIONS (Contd.)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Eighth Revised Sheet No. 42
Cancels and Supersedes
Seventh Revised Sheet No. 42
Page 1 of 2

RATE EH

OPTIONAL RATE FOR ELECTRIC SPACE HEATING

APPLICABILITY

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

A. Winter Period

1. Base Rate

(a) Customer Charge			
Single Phase Service	\$	<u>17.14</u> per month	(R)
Three Phase Service	\$	<u>34.28</u> per month	(R)
Primary Voltage Service	\$	117.00 per month	
(b) Energy Charge			
All kWh	\$	<u>0.062202</u> per kWh	(I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge stated above.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Eighth Revised Sheet No. 42
Cancels and Supersedes
Seventh Revised Sheet No. 42
Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Eighth Revised Sheet No. 43
 Cancels and Supersedes
Seventh Revised Sheet No. 43
 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.

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 | (R) |
| (b) Energy Charge | \$0.096130 | per kWh | (I) |

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
 Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
 Sheet No. 78, Rider DSMR, Demand Side Management Rider
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be 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. (T)

Issued by authority of an Order of the Kentucky Public Service
 Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Eighth Revised Sheet No. 43
Cancels and Supersedes
Seventh Revised Sheet No. 43
Page 2 of 2

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 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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

Eighth Revised Sheet No. 44

Cancels and Supersedes

Seventh Revised Sheet No. 44

Page 1 of 2

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

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 \$0.082708 per kWh (I)

(b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment \$0.095240 per kWh (I)

2. Applicable Riders

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

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

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

Minimum: \$2.98 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.

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

KY.P.S.C. Electric No. 2
Eighth Revised Sheet No. 44
Cancels and Supersedes
Seventh Revised Sheet No. 44
Page 2 of 2

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

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 45
 Cancels and Supersedes
Seventh Revised Sheet No. 45
 Page 1 of 3

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 (T)
\$0.241312 per kilowatt-hour (Kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated (I)
 as kWh):

1. Base Rate

(a) Customer Charge			
Primary Voltage Service (12.5 or 34.5 kV)	\$ 117.00	per month	
(b) Demand Charge			
All kilowatts	\$ <u>7.92</u>	per kW	(I)
(c) Energy Charge			
First 300 kWh/kW	<u>\$0.051092</u>	per kWh	(I)
Additional kWh	<u>\$0.043219</u>	per kWh	(I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
 Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
 Sheet No. 78, Rider DSMR, Demand Side Management Rider
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge shown above.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 45
Cancels and Supersedes
Seventh Revised Sheet No. 45
Page 2 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 45
Cancels and Supersedes
Seventh Revised Sheet No. 45
Page 3 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
 Ninth Revised Sheet No. 51
 Cancels and Supersedes
 Eighth Revised Sheet No. 51
 Page 1 of 3

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	\$ 8.07	per kW	(I)
Off Peak kW	\$ 1.22	per kW	(I)
Winter			
On Peak kW	\$ 6.62	per kW	(I)
Off Peak kW	\$ 1.22	per kW	(I)
(c) Energy Charge			
Summer			
On Peak kWh	\$ 0.049051	per kWh	(I)
Off Peak kWh	\$ 0.040168	per kWh	(I)
Winter			
On Peak kWh	\$ 0.046826	per kWh	(I)
Off Peak kWh	\$ 0.040168	per kWh	(I)

Issued by authority of an Order of the Kentucky Public Service
 Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 51
Cancels and Supersedes
Eighth Revised Sheet No. 51
Page 2 of 3

NET MONTHLY BILL (Contd.)

2. Applicable Riders

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

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

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

For purposes of administration of the above charges, the summer is defined as that period 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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Ninth Revised Sheet No. 51
Cancels and Supersedes
Eighth Revised Sheet No. 51
Page 3 of 3

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 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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

a. Rate DS - Secondary Distribution Service	<u>\$4.7126</u> per kW	(I)
b. Rate DT - Distribution Service	<u>\$5.8517</u> per kW	(I)
c. Rate DP - Primary Distribution Service	<u>\$5.9794</u> per kW	(I)
d. Rate TT - Transmission Service	<u>\$2.6391</u> 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

Issued by authority of an Order of the Kentucky Public Service
 Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

NET MONTHLY BILL (Contd.)

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.

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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

DEFINITIONS (Contd.)

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 60
Cancels and Supersedes
Seventh Revised Sheet No. 60
Page 1 of 6

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:

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 60
Cancels and Supersedes
Seventh Revised Sheet No. 60
Page 2 of 6

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	\$ 7.27	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6.07	(I)
10,000 lumen	250	0.275	1,144	\$ 8.39	(I)
21,000 lumen	400	0.430	1,789	\$11.23	(I)
Metal Halide					
14,000 lumen	175	0.193	803	\$ 7.27	(I)
20,500 lumen	250	0.275	1,144	\$ 8.39	(I)
36,000 lumen	400	0.430	1,789	\$11.23	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 8.04	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6.04	(I)
16,000 lumen	150	0.171	711	\$ 8.77	(I)
22,000 lumen	200	0.228	948	\$11.37	(I)
27,500 lumen	250	0.275	948	\$11.37	(I)
50,000 lumen	400	0.471	1,959	\$15.28	(I)
Decorative Fixtures					
Sodium Vapor					
9,500 lumen (Rectilinear)	100	0.117	487	\$10.00	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$12.36	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$16.35	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$24.31	(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: \$0.53. (I)

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 60
 Cancels and Supersedes
Seventh 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	<u>\$ 7.40</u>	(I)
7,000 lumen (Open Refractor)	175	0.205	853	<u>\$ 6.07</u>	(I)
10,000 lumen	250	0.292	1,215	<u>\$ 8.54</u>	(I)
21,000 lumen	400	0.460	1,914	<u>\$11.50</u>	(I)
Metal Halide					
14,000 lumen	175	0.210	874	<u>\$ 7.40</u>	(I)
20,500 lumen	250	0.292	1,215	<u>\$ 8.54</u>	(I)
36,000 lumen	400	0.460	1,914	<u>\$11.50</u>	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	<u>\$ 8.04</u>	(I)
9,500 lumen (Open Refractor)	100	0.117	487	<u>\$ 6.12</u>	(I)
16,000 lumen	150	0.171	711	<u>\$ 8.74</u>	(I)
22,000 lumen	200	0.228	948	<u>\$11.37</u>	(I)
50,000 lumen	400	0.471	1,959	<u>\$15.28</u>	(I)
Decorative Fixtures					
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	<u>\$ 7.65</u>	(I)
7,000 lumen (Holophane)	175	0.210	874	<u>\$ 9.61</u>	(I)
7,000 lumen (Gas Replica)	175	0.210	874	<u>\$21.96</u>	(I)
7,000 lumen (Granville)	175	0.205	853	<u>\$ 7.73</u>	(I)
7,000 lumen (Aspen)	175	0.210	874	<u>\$13.91</u>	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	<u>\$ 7.64</u>	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	<u>\$13.91</u>	(I)
14,000 lumen (Gas Replica)	175	0.210	874	<u>\$22.04</u>	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	<u>\$11.17</u>	(I)
9,500 lumen (Holophane)	100	0.128	532	<u>\$12.10</u>	(I)
9,500 lumen (Rectilinear)	100	0.117	487	<u>\$ 9.02</u>	(I)
9,500 lumen (Gas Replica)	100	0.128	532	<u>\$22.75</u>	(I)
9,500 lumen (Aspen)	100	0.128	532	<u>\$14.09</u>	(I)
9,500 lumen (Traditionaire)	100	0.117	487	<u>\$11.17</u>	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	<u>\$14.09</u>	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	<u>\$12.42</u>	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	<u>\$16.41</u>	(I)
50,000 lumen (Setback)	400	0.471	1,959	<u>\$24.31</u>	(I)

Issued by authority of an Order of the Kentucky Public Service
 Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 60
Cancels and Supersedes
Seventh Revised Sheet No. 60
Page 4 of 6

NET MONTHLY BILL (Contd.)

POLE CHARGES

Pole Description	<u>Pole Type</u>	<u>Rate/Pole</u>	
Wood			
17 foot (Wood Laminated) (a)	W17	<u>\$ 4.50</u>	(I)
30 foot	W30	<u>\$ 4.44</u>	(I)
35 foot	W35	<u>\$ 4.50</u>	(I)
40 foot	W40	<u>\$ 5.39</u>	(I)
Aluminum			
12 foot (decorative)	A12	<u>\$12.23</u>	(I)
28 foot	A28	<u>\$ 7.09</u>	(I)
28 foot (heavy duty)	A28H	<u>\$ 7.16</u>	(I)
30 foot (anchor base)	A30	<u>\$14.16</u>	(I)
Fiberglass			
17 foot	F17	<u>\$ 4.50</u>	(I)
12 foot (decorative)	F12	<u>\$13.15</u>	(I)
30 foot (bronze)	F30	<u>\$ 8.56</u>	(I)
35 foot (bronze)	F35	<u>\$ 8.79</u>	(I)
Steel			
27 foot (11 gauge)	S27	<u>\$11.56</u>	(I)
27 foot (3 gauge)	S27H	<u>\$17.43</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: \$0.77. (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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 60
Cancels and Supersedes
Seventh Revised Sheet No. 60
Page 5 of 6

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 60
Cancels and Supersedes
Seventh Revised Sheet No. 60
Page 6 of 6

GENERAL CONDITIONS (Contd.)

- (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.

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 61
Cancels and Supersedes
Seventh Revised Sheet No. 61
Page 1 of 2

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 \$0.038903 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 \$0.021543 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 \$0.060446 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
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

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

TERM OF SERVICE

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 61
Cancels and Supersedes
Seventh Revised Sheet No. 61
Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 62
 Cancels and Supersedes
Seventh Revised Sheet No. 62
 Page 1 of 2

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 | <u>\$0.038305</u> per kWh | (I) |
| 2. | Applicable Riders
The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism | | |

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 62
Cancels and Supersedes
Seventh Revised Sheet No. 62
Page 2 of 2

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Second Revised Sheet No. 63
Cancels and Supersedes
First Revised Sheet No. 63
Page 1 of 2

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Second Revised Sheet No. 63
Cancels and Supersedes
First Revised Sheet No. 63
Page 2 of 2

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 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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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. 64
Cancels and Supersedes
Original Sheet No. 64
Page 1 of 8

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.

(T)
(T)

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.

(T)
(D)

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.

(N)

NET MONTHLY BILL

Computed in accordance with the following charges:

- 1. Base Rate
All kWh \$0.038305 per kWh

(I)
(N)

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321

Issued: October 11, 2018
Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
First Revised Sheet No. 64
Cancels and Supersedes
Original Sheet No. 64
Page 3 of 8

I. Fixtures (Contd.)				Per Unit Per Month		
Billing Type	Description	Initial Lumens	Lamp Wattage	Monthly kWh	Fixture	Maintenance
<u>LF-LED-280W-SL-BK-MW</u>	<u>LED 280W 24191 LUMENS STANDARD LED BLACK TYPE III 4000K</u>	<u>24,191</u>	<u>280</u>	<u>97</u>	<u>\$10.31</u>	<u>\$5.17</u>
<u>LF-LED-50W-DA-BK-MW</u>	<u>LED 50W DELUXE ACORN BLACK TYPE III 4000K</u>	<u>5,147</u>	<u>50</u>	<u>17</u>	<u>\$14.38</u>	<u>\$4.24</u>
<u>LF-LED-70W-ODA-BK-MW</u>	<u>LED 70W OPEN DELUXE ACORN BLACK TYPE III 4000K</u>	<u>6,500</u>	<u>70</u>	<u>24</u>	<u>\$14.02</u>	<u>\$4.24</u>
<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>\$12.96</u>	<u>\$4.24</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>\$12.22</u>	<u>\$4.24</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>\$15.56</u>	<u>\$4.24</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>\$9.39</u>	<u>\$4.24</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>\$9.39</u>	<u>\$4.24</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>\$12.62</u>	<u>\$4.24</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>\$18.83</u>	<u>\$4.24</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>\$15.28</u>	<u>\$4.24</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>\$13.04</u>	<u>\$5.17</u>
<u>LF-LED-150W-BE-BK-MW</u>	<u>150W Sanibel</u>	<u>39,000</u>	<u>150</u>	<u>52</u>	<u>\$15.56</u>	<u>\$4.24</u>
<u>LF-LED-420W-SB-BK-MW</u>	<u>420W LED Shoebox</u>	<u>39,078</u>	<u>420</u>	<u>146</u>	<u>\$19.46</u>	<u>\$5.17</u>
<u>LF-LED-50W-NB-GY-MW</u>	<u>50W Neighborhood</u>	<u>5,000</u>	<u>50</u>	<u>17</u>	<u>\$4.01</u>	<u>\$4.24</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>\$4.18</u>	<u>\$4.24</u>

II. Poles		
Billing Type	Description	Charge per Month per Unit
<u>LP-12-C-PT-AL-AB-TT-BK-MW</u>	<u>12' C-Post Top- Anchor Base-Black</u>	<u>\$9.30</u>
<u>LP-25-C-DV-AL-AB-TT-BK-MW</u>	<u>25' C-Davit Bracket- Anchor Base-Black</u>	<u>\$24.46</u>
<u>LP-25-C-BH-AL-AB-TT-BK-MW</u>	<u>25' C-Boston Harbor Bracket- Anchor Base-Black</u>	<u>\$24.73</u>
<u>LP-12-E-AL-AB-TT-BK-MW</u>	<u>12' E-AL - Anchor Base-Black</u>	<u>\$9.30</u>

Issued by authority of an Order of the Kentucky Public Service Commission dated October 2, 2018 in Case No. 2017-00321

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
First Revised Sheet No. 64
Cancels and Supersedes
Original Sheet No. 64
Page 4 of 8

II. Poles (Contd.)		
Billing Type	Description	Charge per Month per Unit
<u>15310-40FTALEMB-OLE</u>	<u>35' AL-Side Mounted-Direct Buried Pole</u>	<u>\$15.74</u>
<u>15320-30FTALAB-OLE</u>	<u>30' AL-Side Mounted-Anchor Base</u>	<u>\$12.13</u>
<u>15320-35FTALAB-OLE</u>	<u>35' AL-Side Mounted-Anchor Base</u>	<u>\$11.80</u>
<u>15320-40FTALAB-OLE</u>	<u>40' AL-Side Mounted-Anchor Base</u>	<u>\$14.59</u>
<u>POLE-30-7</u>	<u>30' Class 7 Wood Pole</u>	<u>\$5.77</u>
<u>POLE-35-5</u>	<u>35' Class 5 Wood Pole</u>	<u>\$6.27</u>
<u>POLE-40-4</u>	<u>40' Class 4 Wood Pole</u>	<u>\$9.44</u>
<u>POLE-45-4</u>	<u>45' Class 4 Wood Pole</u>	<u>\$9.79</u>
<u>15210-20BRZSTL-OLE</u>	<u>20' Galleria Anchor Based Pole</u>	<u>\$8.32</u>
<u>15210-30BRZSTL-OLE</u>	<u>30' Galleria Anchor Based Pole</u>	<u>\$9.84</u>
<u>15210-35BRZSTL-OLE</u>	<u>35' Galleria Anchor Based Pole</u>	<u>\$28.29</u>
<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>\$5.64</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>\$4.83</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>\$5.80</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>\$5.02</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>\$6.08</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>\$9.32</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>\$7.21</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>\$10.39</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>\$8.52</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>\$11.56</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>\$9.84</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>\$12.49</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>\$6.87</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>\$9.30</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>\$12.45</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>\$24.46</u>

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321
Issued: October 11, 2018
Effective: October 2, 2018
Issued by: Amy B. Spiller, President /s/ Amy B. Spiller

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

KY.P.S.C. Electric No. 2
First Revised Sheet No. 64
Cancels and Supersedes
Original Sheet No. 64
Page 5 of 8

Billing Type	Description	Charge per Month per Unit	
<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>\$9.97</u>	(I)
<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>\$24.73</u>	(D)
<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>\$9.21</u>	(I)
<u>LP-12-E-AL-AB-TT-BK-MW</u>	<u>MW-Light Pole-12' MH-Style E-Alum-Ancor Base-Top Tenon-Black</u>	<u>\$9.30</u>	(D)
<u>LP-12-F-AL-AB-TT-GN-MW</u>	<u>MW-Light Pole-12' MH-Style F-Alum-Ancor Base-Top Tenon-Black Pri</u>	<u>\$9.96</u>	(I)
<u>15210-20BRZSTL-OLE</u>	<u>MW-15210-Galleria Anchor Base-20FT Bronze Steel-OLE</u>	<u>\$8.32</u>	(D)
<u>15210-30BRZSTL-OLE</u>	<u>MW-15210-Galleria Anchor Base-30FT Bronze Steel-OLE</u>	<u>\$9.84</u>	(D)
<u>15210-35BRZSTL-OLE</u>	<u>MW-15210-Galleria Anchor Base-35FT Bronze Steel-OLE</u>	<u>\$28.29</u>	(D)
<u>15310-40FTALEMB-OLE</u>	<u>MW-15310-35FT MH Aluminum Direct Embedded Pole-OLE</u>	<u>\$15.74</u>	(D)
<u>15320-30FTALAB-OLE</u>	<u>MW-15320-30FT Mounting Height Aluminum Achor Base Pole-OLE</u>	<u>\$12.13</u>	(D)
<u>15320-35FTALAB-OLE</u>	<u>MW-15320-35FT Mounting Height Aluminum Achor Base Pole-OLE</u>	<u>\$11.80</u>	(D)
<u>15320-40FTALAB-OLE</u>	<u>MW-15320-40FT Mounting Height Aluminum Achor Base Pole-OLE</u>	<u>\$14.59</u>	(D)
<u>POLE-30-7</u>	<u>MW-POLE-30-7</u>	<u>\$5.77</u>	(D)
<u>POLE-35-5</u>	<u>MW-POLE-35-5</u>	<u>\$6.27</u>	(D)
<u>POLE-40-4</u>	<u>MW-POLE-40-4</u>	<u>\$9.44</u>	(D)
<u>POLE-45-4</u>	<u>MW-POLE-45-4</u>	<u>\$9.79</u>	(D)

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated October 2, 2018 in Case No. 2017-00321

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
First Revised Sheet No. 64
Cancels and Supersedes
Original Sheet No. 64
Page 6 of 8

OWNERSHIP OF SERVICE LINES (Contd.)

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

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. (D)
(T)

TERMS OF SERVICE

Service under this rate schedule shall be for a minimum initial term of ten (10) years from the commencement of service and shall continue thereafter until terminated by either party by sixty (60) days written notice or to termination. Upon early termination of service under this schedule, the customer shall pay an amount equal to the remaining monthly lease amount for the term of contract, applicable Customer Charges and removal cost of the facilities. (T)

Special Provisions:

1. The customer shall execute a contract on the Company's standard filed contract form for service under this rate schedule. (D)
(D)

2. Where the Company provides a LED fixture or pole type other than those listed above, the monthly charges, as applicable shall be computed as follows: (T)

I. Fixture

a. Fixture Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.

b. Maintenance Charge: Based on the Company's average cost of performing maintenance on lighting equipment.

II. Pole

a. Pole Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return. (T)

3. The customer shall be responsible for the cost incurred to repair or replace any fixture or pole which has been willfully damaged. The Company shall not be required to make such repair or replacement or to make payment to the customer for damage. (N)

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
First Revised Sheet No. 64
Cancels and Supersedes
Original Sheet No. 64
Page 7 of 8

TERMS OF SERVICE (Contd.)

4. KWh consumption for Company-owned fixtures shall be estimated in lieu of installing meters. Monthly kWh estimates will be made using the following formula:
kWh = Unit Wattage x (4160 hours per year / 12 months) / 1,000 For equipment not listed above? (D)
5. kWh consumption for customer-owned fixtures shall be metered. Installation of customer-owned lighting facilities shall be provided for by the customer. (D)
(D)
6. No Pole Charge shall be applicable for a fixture installed on a company-owned pole which is utilized for other general electrical distribution purposes. (T)
7. The Company will repair or replace malfunctioning lighting fixtures maintained by the Company. (T)
8. For a fixture type restricted to existing installations and requiring major renovation or replacement, the fixture shall be replaced by an available similar non-restricted LED fixture of the customer's choosing and the customer shall commence being billed at its appropriate rate. (T)
9. The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities. (T)
10. All new leased LED lighting shall be installed on poles owned by the Company. (T)
11. Alterations to leased LED lighting facilities requested by the customer after date of installation (i.e. redirect, install shields, etc.), will be billed to the customer in accordance with the Company's policy. (T)
12. Service for street or area lighting is normally provided from existing distribution facilities. Where suitable distribution facilities do not exist, it will be the customer's responsibility to pay for necessary additional facilities. _____ (T)
(N)
13. For available LEDs, the customer may opt to make an initial, one-time payment of 50% of the installed cost of fixtures rated greater than 200 Watts and/or poles other than standard wood poles, to reduce the Company's installed cost, therefore reducing their monthly rental rates for such fixtures and poles. If a customer chooses this option, the monthly fixture and/or pole charge shall be computed as the reduced installed cost times the corresponding monthly percentage in 2.I.(a) and/or 2.II above. (D)

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
First Revised Sheet No. 64
Cancels and Supersedes
Original Sheet No. 64
Page 8 of 8

SERVICE REGULATIONS

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321

Issued: October 11, 2018

Effective: October 2, 2018

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

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 1 of 4

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 66
 Cancels and Supersedes
Seventh Revised Sheet No. 66
 Page 2 of 4

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	<u>\$9.42</u>	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	<u>\$7.32</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>\$17.16</u>	(I)

The cable span charge of \$0.77 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	<u>\$7.26</u>	(I)
b. 2,500 lumen Mercury Vapor	100	0.109	453	<u>\$6.87</u>	(I)
c. 21,000 lumen Mercury Vapor	400	0.460	1,914	<u>\$10.89</u>	(I)

B. Customer owned

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
1. Steel boulevard units served underground with limited maintenance by Company					
a. 2,500 lumen Incandescent – Series	148	0.148	616	<u>\$5.56</u>	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	<u>\$7.07</u>	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 66
Cancels and Supersedes
Seventh Revised Sheet No. 66
Page 3 of 4

NET MONTHLY BILL (Contd.)

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

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.
- (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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 66
Cancels and Supersedes
Seventh Revised Sheet No. 66
Page 4 of 4

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 68
Cancels and Supersedes
Seventh Revised Sheet No. 68
Page 1 of 4

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>\$ 4.28</u>	(I)
10,000 lumen	250	0.275	1,144	<u>\$ 5.45</u>	(I)
21,000 lumen	400	0.430	1,789	<u>\$ 7.56</u>	(I)
Metal Halide					
14,000 lumen	175	0.193	803	<u>\$ 4.28</u>	(I)
20,500 lumen	250	0.275	1,144	<u>\$ 5.45</u>	(I)
36,000 lumen	400	0.430	1,789	<u>\$ 7.56</u>	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 68
Cancels and Supersedes
Seventh Revised Sheet No. 68
Page 2 of 4

NET MONTHLY BILL (Contd.)

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 5.15	(I)
16,000 lumen	150	0.171	711	\$ 5.74	(I)
22,000 lumen	200	0.228	948	\$ 6.31	(I)
27,500 lumen	250	0.228	948	\$ 6.31	(I)
50,000 lumen	400	0.471	1,959	\$ 8.54	(I)
Decorative Fixture					
Mercury Vapor					
7,000 lumen (Holophane)	175	0.210	874	\$ 5.44	(I)
7,000 lumen (Town & Country)	175	0.205	853	\$ 5.39	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 5.44	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 5.44	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 5.39	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 5.44	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 5.44	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$ 5.07	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 5.07	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 5.29	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 5.07	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 5.29	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 5.29	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 5.29	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 6.68	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 8.84	(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	\$ 4.44	(I)
35 foot	W35	\$ 4.50	(I)
40 foot	W40	\$ 5.39	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 68
 Cancels and Supersedes
Seventh Revised Sheet No. 68
 Page 3 of 4

NET MONTHLY BILL (Contd.)

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be \$0.038305 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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

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

Issued by authority of an Order of the Kentucky Public Service
 Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Eighth Revised Sheet No. 68
Cancels and Supersedes
Seventh Revised Sheet No. 68
Page 4 of 4

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

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:

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

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	\$ 7.45	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 7.48	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 7.48	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 7.48	(I)
<u>Metal Halide</u>					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 7.45	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 7.48	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 7.48	(I)
<u>Sodium Vapor</u>					
9,500 lumen (Town & Country)	100	0.117	487	\$ 8.12	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 8.23	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 8.12	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 8.22	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 8.22	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 8.12	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 8.22	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$11.67	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$15.44	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$15.44	(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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

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

Issued by authority of an Order of the Kentucky Public Service
 Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

TERM OF SERVICE

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

GENERAL CONDITIONS

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

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

- (6) When a 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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

Eighth Revised Sheet No. 69

Cancel and Supersedes

Seventh Revised Sheet No. 69

Page 4 of 4

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

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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
Page 1 of 2

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,

Issued by authority of an Order by the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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
Page 2 of 2

RATE (Contd.)

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.

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Second Revised Sheet No. 71
Cancels and Supersedes
First Revised Sheet No. 71
Page 1 of 1

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Second Revised Sheet No. 72
Cancels and Supersedes
First Revised Sheet No. 72
Page 1 of 1

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Second Revised Sheet No. 73
Cancels and Supersedes
First Revised Sheet No. 73
Page 1 of 2

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 installation, operation, maintenance, testing, replacement or removal.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Second Revised Sheet No. 73
Cancels and Supersedes
First Revised Sheet No. 73
Page 2 of 2

OFF PEAK PROVISION (Contd.)

- 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.

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

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.

Issued by authority of an Order by the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

KY.P.S.C. Electric No. 2
First Revised Sheet No. 74
Cancels and Supersedes
Original Sheet No. 74
Page 1 of 2

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

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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. 75
Cancels and Supersedes
Original Sheet No. 75
Page 1 of 4

RIDER DSM

DEMAND SIDE MANAGEMENT COST RECOVERY RIDER

APPLICABILITY

Applicable to service rendered under the provisions of Rates RS (residential class), DS, DP, DT, EH, GS-FL, SP, and TT (non-residential class).

CHARGES

The monthly amount computed under each of the rate schedules to which this rider is applicable shall be increased or decreased by the DSM Charge at a rate per kilowatt-hour of monthly consumption and, where applicable, a rate per kilowatt of monthly billing demand, in accordance with the following formula:

$$\text{DSM Charge} = \text{PC} + \text{LR} + \text{PI} + \text{BA}$$

Where: **PC = DSM PROGRAM COST RECOVERY.** For each twelve month period, the PC shall include all expected costs for demand-side management programs which have been approved by a collaborative process. Such program costs shall include the cost of planning, developing, implementing, monitoring, and evaluating DSM programs. Program costs will be assigned for recovery purposes to the rate classes whose customers are directly participating in the program. In addition, all costs incurred by or on behalf of the collaborative process, including but not limited to costs for consultants, employees and administrative expenses, will be recovered through the PC. Administrative costs that are allocable to more than one rate class will be recovered from those classes and allocated by rate class on the basis of the estimated avoided capacity and energy costs resulting from each program.

The PC applicable to the residential class shall be determined by dividing the cost of approved programs allocated or assigned to the residential class by the expected kilowatt-hour sales for the upcoming twelve-month period. The cost of approved programs assigned or allocated to the non-residential class shall be allocated as either demand-related or energy-related based on the respective percentage of avoided capacity cost or avoided energy cost to the total avoided cost estimated in the determination of the net resource savings for the program. For purposes of this tariff, net resource savings are defined as program benefits less the cost of the program, where program benefits will be calculated on the basis of the present value of the Company's avoided costs over the expected life of the program, and will include both capacity and energy savings. The demand-related program costs thus determined shall be divided by the expected billing demand in kilowatt-months for the upcoming twelve-month period to determine the demand-related PC. The associated energy-related program costs shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the energy-related PC for such rate class.

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 /s/ Julie Janson

KY.P.S.C. Electric No. 2
First Revised Sheet No. 75
 Cancels and Supersedes
Original Sheet No. 75
 Page 2 of 4

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

LR = LOST REVENUE FROM LOST SALES RECOVERY. Revenues from lost sales due to DSM programs will be recovered through the decoupling of revenues from actual sales of the residential class. At the end of each twelve-month period after implementation of the DSM Charge, the non-variable revenue requirement (total revenue requirement less variable costs) for the residential class for ULH&P's most recent twelve month period will be adjusted to reflect changes in the number of customers and the usage per customer as follows: (1) the non-variable revenue requirement will be multiplied by the factor obtained by dividing the twelve month average number of customers at the end of the current twelve-month period by the twelve month average number of residential customers at the end of the twelve-month period ending December 1994, and (2) the non-variable revenue requirement will be multiplied by a factor "F_g" calculated by the following formula:

$$F_g = (1 + g)^{n/12}$$

Where: g = Growth factor - recalculated annually based on the most recent eleven years of actual customer data. Initially [g] shall be set at 0.0175; and
 n = the number of months from December 1994 to the end of the current twelve-month period.

At the end of each twelve-month period after implementation of the DSM Charge, the difference between the actual non-variable revenue billed during the twelve-month period and the adjusted non-variable revenue requirement, as described above, will be determined. This difference ("LR amount established for the twelve-month period") will be divided by the estimated kilowatt-hour sales for the upcoming twelve-month period to determine the LR for the residential class.

The LR applicable to the non-residential class shall be computed by 1) multiplying the amount of kilowatt-hour sales and, where applicable, the kilowatt-months of billing demand that will be lost for each twelve-month period as a result of the implementation of the approved programs times the energy charge for the applicable rate schedule, less the variable cost included in the charge, and the demand charges, respectively; and, 2) dividing that product by the expected kilowatt-hour sales or expected billing demand in kilowatt-months for the upcoming twelve-month period. The lost revenue attributable to decreased sales to the non-residential class due to approved programs will be calculated through estimates agreed upon by the collaborative process, which may include engineering estimates, of the level of decreased kilowatt-hour energy sales and billing demand in kilowatt-months. Recovery of revenues from lost sales calculated for a twelve-month period for non-residential rate classes shall be included in the LR until January 1, 2000 or until terminated by the implementation of new rates pursuant to a general rate case, whichever comes first. Revenues from lost sales will be assigned for recovery purposes to the rate classes whose programs resulted in the lost sales.

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 /s/ Julie Janson

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

KY.P.S.C. Electric No. 2
First Revised Sheet No. 75
Cancels and Supersedes
Original Sheet No. 75
Page 3 of 4

PI = DSM PROGRAM INCENTIVE RECOVERY. The DSM Program Incentive (PI) amount shall be computed by multiplying the net resource savings expected from the approved programs which are to be installed during the upcoming twelve-month period times fifteen (15) percent. Net resource savings are defined as program benefits less the cost of the program, where program benefits will be calculated on the basis of the present value of the Company's avoided costs over the expected life of the program, and will include both capacity and energy savings. The DSM incentive amount related to programs for the residential class shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the PI for that rate class. The PI amount related to programs for the non-residential class rates shall be allocated as either demand-related or energy-related in the same manner as program costs are allocated as demand- or energy related. The demand-related PI amount thus determined shall be divided by the expected billing demand in kilowatt-months for the upcoming twelve-month period to determine the demand-related PI. Similarly, the energy-related incentive amount thus determined shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the energy-related PI for such rate class. DSM incentive amounts will be assigned for recovery purposes to the rate classes whose programs created the incentive.

BA = DSM BALANCE ADJUSTMENT. The BA is used to reconcile the difference between the amount of revenues actually billed through the respective DSM Charge components; namely, the PC, LR, and PI and previous application of the BA and the revenues which should have been billed, as follows:

- (1) For the PC, the balance adjustment amount will be the difference between the amount billed in a twelve-month period from the application of the PC unit charge and the actual cost of the approved programs during the same twelve-month period.
- (2) For the LR applicable to the residential class, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from the application of the LR unit charge and the LR amount established for the same twelve-month period.

For the LR applicable to the non-residential class, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from application of the LR unit charge and the amount of lost revenues determined for the actual DSM program, or measures implemented during the twelve-month period.

- (3) For the PI, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from application of the PI unit charge and the incentive amount determined for the actual DSM program, or measures implemented during the twelve-month period.
- (4) For the BA, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from application of the BA and the balance adjustment amount established for the same twelve-month period.

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 /s/ Julie Janson

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

KY.P.S.C. Electric No. 2
First Revised Sheet No. 75
Cancels and Supersedes
Original Sheet No. 75
Page 4 of 4

BA = DSM BALANCE ADJUSTMENT (Cont.d)

For the non-residential class, balance adjustment amounts will be separated into both demand and energy-related components. The balance adjustment amounts determined above shall include interest. The interest applied to the monthly amounts, shall be calculated at a rate equal to the average of the "3-month Commercial Paper Rate" for the immediately preceding 12-month period. The total of the demand-related balance adjustment amounts, plus interest, shall be divided by the expected billing demand in kilowatt-months for the upcoming twelve-month period to determine the demand-related BA, while the total of the energy-related balance adjustment amounts shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the energy-related BA. DSM balance adjustment amounts will be assigned for recovery purposes to the rate classes to which over or under-recoveries of DSM amounts were realized.

All costs recovered through the DSM Charge will be assigned or allocated to Duke Energy Kentucky, Inc.'s electric or gas customers on the basis of the estimated net electric or gas resource savings resulting from each program.

DSM CHARGE FILINGS

The filing of modifications to the DSM Charge shall be made at least thirty days prior to the beginning of the effective period for billing. Each filing will include the following information as needed:

- (1) A detailed description of each DSM program developed by the collaborative process, the total cost of each program over the twelve-month period, an analysis of expected resource savings, information concerning the specific DSM or efficiency measures to be installed, and any applicable studies which have been performed, as available.
- (2) A statement setting forth the detailed calculation of each component of the DSM Charge.

Each change in the DSM Charge shall be applied to customers' bills with the first billing cycle of the revenue month which coincides with, or is subsequent to, the effective date of such change.

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.

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President /s/ Julie Janson

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

KY. P.S.C. Electric No. 2
Original Sheet No. 76
Page 1 of 2

ENVIRONMENTAL SURCHARGE MECHANISM RIDER

APPLICABILITY

This rider is applicable to all retail sales in the Company's electric service area beginning with the billing month June 2018. Rate RTP program participants utilize the applicable portions of the Baseline Charge and Program Charge, as those terms are defined in Rate RTP, for this rider.

Standard electric rate schedules subject to this schedule are:

Residential: Rate Schedule RS

Non-Residential: Rate Schedules DS, EH, SP, DP, DT, GSFL, TT, SL, TL, UOLS, NSU, SC, SE, and LED

RATE

The monthly billing amount under each of the schedules to which this rider is applicable, shall be increased or decreased by a percentage factor according to the following formula:

Environmental Surcharge Billing Factor = Jurisdictional E(m) / R(m)

DEFINITIONS

For all Plans:

E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)Under Recovery

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.

EAS = proceeds from Emission Allowance Sales.

Prior Period Adjustment is the amount resulting from the amortization of amounts determined by the Commission during six-month and two-year reviews.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY. P.S.C. Electric No. 2
Original Sheet No. 76
Page 2 of 2

DEFINITIONS (Contd.)

(Over) or Under Recovery is a one-month "true-up" adjustment.

Plans are the environmental surcharge compliance plans submitted to and approved by the Kentucky Public Service Commission.

- (1) Total E(m), (the environmental compliance plan revenue requirement), is multiplied by the Jurisdictional Allocation Factor. Jurisdictional E(m) is adjusted for any (Over)/Under collection or prior period adjustment to arrive at Adjusted Jurisdictional E(m). Adjusted Jurisdictional E(m) is allocated to Residential and Non-Residential on the basis of Revenue as a Percentage of Total Revenue for the 12 months ending with the Current Month.
- (2) Residential R(m) is the average of total monthly residential revenue for the 12 months ending with the current expense month. Total revenue includes residential revenue, including all riders, but excluding environmental surcharge mechanism revenue.
- (3) Non-Residential R(m) is the average of total monthly non-residential revenue for the 12 months ending with the current expense month. Total revenue includes non-residential revenue, including all riders, but excluding environmental surcharge mechanism revenue, base fuel revenue and FAC revenue.
- (4) The current expense month (m) shall be the second month proceeding the month in which the Environmental Surcharge is billed.

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Second Revised Sheet No. 77
Cancels and Supersedes
First Revised Sheet No. 77
Page 1 of 3

RIDER PLM

PEAK LOAD MANAGEMENT PROGRAM

AVAILABILITY

Applicable to Customers served under Rate DS, Rate DT, Rate DP, Rate TT, or Special Contracts. Customers whose billing period maximum 15-minute demands are less than 500 kilowatts will be eligible to participate in the Program by paying the incremental cost of installing the required metering. Customers must enter into a service agreement.

PROGRAM DESCRIPTION

The PLM Program is voluntary and offers Customers the opportunity to reduce their electric costs by managing their electric usage during Company's peak load periods. Customer and Company will enter into a service agreement under this Rider which will specify the terms and conditions under which Customer agrees to reduce usage.

SERVICE OPTIONS

Customers may elect to participate in a PLM service option by either choosing to:

- a) reduce demand to a specified amount,
- b) reduce energy usage below their baseline, or
- c) sell the output of any Customer owned self generation to Company.

Upon approval of Company, Customers will have the choice to aggregate electric loads at multiple sites under the PLM Program.

The specific hours for the PLM service option will be mutually agreed upon between Customer and Company and specified in the service agreement.

Buy-through energy is the incremental energy the Customer has decided to purchase in lieu of managing their electric demand or energy usage as agreed upon between the Customer and the Company.

Demand Reduction Option

Customers served under the Standard Rate DS, Rate DT, Rate DP or Rate TT electing this option agree, upon notification by Company, to limit their demand to a Firm Load Level. Customer and Company will mutually agree on the amount of demand reduction, the conditions under which a request for reduction can be issued and the mechanism to be used to verify compliance. Based upon these factors, Company will establish a bill credit to be given to Customer and the structure of the bill credit. The value of the bill credit will take into consideration the projected avoided cost of firm capacity and energy, any bill savings from reducing load under the applicable Standard Rates or and program administrative costs.

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 /s/ James P. Henning

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

Demand Reduction Option (Contd.)

Company will provide buy-through energy, if available, to be billed based on price quotes (Buy-through Quotes) provided to Customer. Such Buy-through Quotes will include a) applicable transmission and distribution charges, generation charges based on out-of-pocket cost plus 10% and all applicable Riders and taxes included in the Standard Rate. Customer will be billed for all usage above the Firm Load Level at such Buy-through Quotes. If buy-through energy is not available and Customer fails to reduce its usage to the Firm Load Level, Customer will be billed for all usage above the Firm Load Level at \$10.00 per kilowatt-hour.

Energy Reduction Below Baseline

Customers served under the Standard Rate DS, Rate DT, Rate DP or Rate TT electing this option agree, upon notification by Company, to reduce energy usage below their Baseline Level. Reductions below the Baseline Level during such periods will be credited at the Energy Buy-Back Price Quotes (Price Quotes) provided to Customer by Company. Customer and Company will mutually agree upon a) the conditions under which such Price Quotes will be in effect, b) the time period by which Company will provide such Price Quotes to Customer and c) the time duration such Price Quotes will be in effect. The determination of such Price Quotes will take into consideration the projected avoided cost of energy, any bill savings from reducing load under the applicable Standard Rates and program administrative costs.

Customer will agree to provide Company with an estimate of the amount of load reduction to be provided during such periods. The Baseline Level must be mutually agreeable to both the Customer and the Company as representing the Customer's normal usage level during the time period that a notification could be given.

Generation Sell Back

Customers served under the Standard Rate DS, Rate DT, Rate DP or Rate TT electing this option, agree upon notification by Company, to sell the output of their electric generator to Company. Customer and Company will mutually agree on the amount of generation to be sold back and the conditions under which a request to run the generator can be issued. Based upon these factors, Company will establish a bill credit to be given to Customer and the structure of the bill credit. The value of bill credit will be take into consideration projected avoided cost of firm capacity and energy and program administrative costs.

Suitable metering will be installed either by Customer or Company to measure the energy output of the Generator. Customer will provide suitable access and a suitable location for the installation of such metering equipment.

During such time period that the electrical output of the generator is being sold back to Company, the meter readings that are normally used to bill the Customer shall be adjusted by adding back the measured output of the generator.

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 /s/ James P. Henning

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

BILLING UNDER STANDARD RATES

Customers served under Rates DS, Rate DT, Rate DP or Rate TT will be billed for all demand and energy used under the terms and conditions and at the rates and charges of the applicable Standard Rate. In addition, Customers will receive credits on their electric bill for participation in the PLM Program based upon the elected Service Option and outlined in the PLM service agreement.

PROGRAM EQUIPMENT

Company will provide Internet based communication software to be used to provide Customer with the Buy-through and Price Quotes. Customer will be responsible for providing its own Internet access.

Customer may purchase from either Company or other third-party suppliers any other necessary equipment or software packages to facilitate participation in this PLM Program. While Customers are encouraged to use such equipment or software packages to maximize benefits under this PLM 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.

CUSTOMER GENERATION

Customers electing to operate a Generator in parallel with Company's electric system will operate the Generator in such a manner as not to cause undue fluctuations in voltage, harmonic disturbances, intermittent load characteristics or otherwise interfere with the operation of Company's electric system. Company will grant such permission only in cases where it is satisfied that such parallel operation is practicable and without interference or probability of interference with the ability of Company to render adequate service to its other Customers.

TERM AND CONDITIONS

Except as provided in this Rider PLM, all terms, conditions, rates, and charges outlined in the applicable Standard Rates will apply.

Any interruptions or reductions in electric service caused by outages of Company's facilities, other than as provided under the PLM Program, will not be deemed a Curtailment Period under this PLM Program. Agreements under the PLM Program will in no way affect Customer's or Company's respective obligations regarding the rendering of and payment for electric service under the applicable electric tariff and its applicable rate schedules. It will be Customer's responsibility to monitor and control their demand and energy usage before, during, and after a notice period under this Rider.

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 December 21, 2006 in Case No. 2006-00172.

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President /s/ James P. Henning

Duke Energy Kentucky
4580 Olympic Blvd.
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
Twenty-Fourth Revised Sheet No. 78
Cancels and Supersedes
Twenty-Third Revised Sheet No. 78
Page 1 of 1

RIDER DSMR

DEMAND SIDE MANAGEMENT RATE

The Demand Side Management Rate (DSMR) shall be determined in accordance with the provisions of Rider DSM, Demand Side Management Cost Recovery Rider, Sheet No. 75 of this Tariff.

The DSMR to be applied to residential customer bills is (\$0.000061) per kilowatt-hour.

(R)

A Home Energy Assistance Program (HEA) charge of \$0.10 will be applied monthly to residential customer bills through December 2020.

The DSMR to be applied to non-residential distribution service customer bills is \$0.005024 per kilowatt-hour.

The DSMR to be applied for transmission service customer bills is \$0.000637 per kilowatt-hour.

Issued by authority of an Order by the Kentucky Public Service
Commission dated December 13, 2018 in Case No. 2018-00370.

Issued: June 10, 2019

Effective: June 7, 2019

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

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 79
Cancels and Supersedes
First Revised Sheet No. 79
Page 1 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Second Revised Sheet No. 79
Cancels and Supersedes
First Revised Sheet No. 79
Page 2 of 2

SPECIAL TERMS AND CONDITIONS (Contd.)

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.
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 by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

Duke Energy Kentucky
4580 Olympic Blvd.
 Erlanger, Kentucky 41018

AVAILABILITY OF SERVICE (Contd.)

- (e) The native portion of fuel-related costs charged to the Company by PJM Interconnection LLC including but not limited to those costs identified in the following Billing Line Items, as may be amended from time to time by PJM Interconnection LLC: Billing Line Items 1210, 2210, 1215, 1218, 2217, 2218, 1230, 1250, 1260, 2260, 1370, 2370, 1375, 2375, 1400, 1410, 1420, 1430, 1478, 1340, 2340, 1460, 1350, 2350, 1360, 2360, 1470, 1377, 2377, 1480, 1378, 2378, 1490, 1500, 2420, 2220, 1200, 1205, 1220, 1225, 2500, 2510, 1930, 2211, 2215, 2415 and 2930. (N)
- (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. (N)
- (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. (N)
- (3) Sales (S) shall be determined in kilowatt-hours as follows:
- Add:
- (a) net generation
 - (b) purchases
 - (c) interchange in
- Subtract:
- (d) inter-system sales including economy energy and other energy sold on an economic dispatch basis.
 - (e) total system losses

Issued by authority of an Order of the Kentucky Public Service
 Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Fifty-Fourth Revised Sheet No 82
Cancels and Supersedes
Fifty-Third Revised Sheet No 82
Page 1 of 3

**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 June 2019.

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.

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

where:

OSS= Net proceeds from off-system power sales.

Includes the non-native portion of fuel-related costs charged to the Company by PJM Interconnection LLC including but not limited to those costs identified in the following Billing Line Items, as may be amended from time to time by PJM Interconnection LLC: Billing Line Items 1210, 2210, 1215, 1218, 2217, 2218, 1230, 1250, 1260, 2260, 1370, 2370, 1375, 2375, 1400, 1410, 1420, 1430, 1478, 1340, 2340, 1460, 1350, 2350, 1360, 2360, 1470, 1377, 2377, 1480, 1378, 2378, 1490, 1500, 2420, 2220, 1200, 1205, 1220, 1225, 2500, 2510, 1930, 2211, 2215, 2415 and 2930.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321

Issued: May 1, 2019

Effective: May 31, 2019

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

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

KY.P.S.C. Electric No. 2
Fifty-Fourth Revised Sheet No 82
Cancels and Supersedes
Fifty-Third Revised Sheet No 82
Page 2 of 3

PROFIT SHARING RIDER FACTORS Contd.

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

Includes non-fuel related costs charged to the Company by PJM Interconnection LLC including but not limited to those costs identified in the following Billing Line Items, as may amended from time to time by PJM Interconnection LLC: Billing Line Items 1240, 2240, 1241, 2241, 1242, 1243, 1245, 2245, 1330, 2330, 1362, 2362, 1472, 1365, 2365, 1475, 1371, 2371, 1376, 2376, 1380 and 2380.

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.

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

(N)

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.

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

KY.P.S.C. Electric No. 2
Fifty-Fourth Revised Sheet No 82
Cancels and Supersedes
Fifty-Third Revised Sheet No 82
Page 3 of 3

<u>Rate Group</u>	<u>Rate</u> (\$/ kWh)
Rate RS, Residential Service	0.000163
Rate DS, Service at Secondary Distribution Voltage	0.000163
Rate DP, Service at Primary Distribution Voltage	0.000163
Rate DT, Time-of-Day Rate for Service at Distribution Voltage	0.000163
Rate EH, Optional Rate for Electric Space Heating	0.000163
Rate GS-FL, General Service Rate for Small Fixed Loads	0.000163
Rate SP, Seasonal Sports Service	0.000163
Rate SL, Street Lighting Service	0.000163
Rate TL, Traffic Lighting Service	0.000163
Rate UOLS, Unmetered Outdoor Lighting	0.000163
Rate NSU, Street Lighting Service for Non-Standard Units	0.000163
Rate SC, Street Lighting Service – Customer Owned	0.000163
Rate SE, Street Lighting Service – Overhead Equivalent	0.000163
Rate LED, LED Street Lighting Service	0.000163
Rate TT, Time-of-Day Rate for Service at Transmission Voltage	0.000163
Other	0.000163

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 April 13, 2018 in Case No. 2017-00321

Issued: May 1, 2019

Effective: May 31, 2019

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

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
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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

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

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

PROGRAM DESCRIPTIONS (Contd.)

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.

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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
Page 3 of 3

TERMS AND CONDITIONS (Contd.)

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.

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Fourth Revised Sheet No. 88
Cancels and Supersedes
Third Revised Sheet No. 88
Page 1 of 2

RIDER GP

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

APPLICABILITY

Applicable to all customers who wish to purchase GoGreen units from the Company-sponsored GoGreen program and who enter a service agreement with the Company.

DEFINITION OF GREEN POWER

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

Wind, Solar Photovoltaic, Biomass Co-firing of Agricultural 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.

The GoGreen Program includes the purchase of Renewable Energy Certificates (RECs) from the sources described above.

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 \$1.00 per 100 kWh block with a minimum monthly purchase of two 100 kWh blocks.

TERMS AND CONDITIONS

1. The customer shall enter into a service agreement with Company that shall specify the number of kWh blocks 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 from the GoGreen Rate will be used to purchase RECs from renewable and environmentally friendly sources as described in the DEFINITION OF GREEN POWER section and for customer education, marketing, and costs of the Green Power Program.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Fourth Revised Sheet No. 88
Cancels and Supersedes
Third Revised Sheet No. 88
Page 2 of 2

TERMS AND CONDITIONS (Contd.)

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. Company may obtain RECs from purchased power, company owned generation, or third party brokers purchased with funds collected from this rider.
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.

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Fourth Revised Sheet No. 89
Cancels and Supersedes
Third Revised Sheet No. 89
Page 1 of 8

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Fourth Revised Sheet No. 89
Cancels and Supersedes
Third Revised Sheet No. 89
Page 2 of 8

METERING (Contd.)

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.

- (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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Fourth Revised Sheet No. 89
Cancels and Supersedes
Third Revised Sheet No. 89
Page 3 of 8

APPLICATION AND APPROVAL PROCESS (Contd.)

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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Fourth Revised Sheet No. 89
Cancels and Supersedes
Third Revised Sheet No. 89
Page 4 of 8

LEVEL 1 (Contd.)

- (6) The interconnection will not be on an area or spot network¹.
- (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

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.

¹Area 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.

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
Third Revised Sheet No. 89
Page 5 of 8

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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Fourth Revised Sheet No. 89
Cancels and Supersedes
Third Revised Sheet No. 89
Page 6 of 8

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.
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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Fourth Revised Sheet No. 89
Cancels and Supersedes
Third Revised Sheet No. 89
Page 7 of 8

TERMS AND CONDITIONS FOR INTERCONNECTION (Contd.)

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.
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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

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
Fourth Revised Sheet No. 89
Cancels and Supersedes
Third Revised Sheet No. 89
Page 8 of 8

TERMS AND CONDITIONS FOR INTERCONNECTION (Contd.)

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.
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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 90
Cancels and Supersedes
First Revised Sheet No. 90
Page 1 of 1

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Fourth Revised Sheet No. 91
Cancels and Supersedes
Third Revised Sheet No. 91
Page 1 of 2

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 three dollars forty-five cents (\$3.45) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely. (I)
(R)
- B. The reconnection charge for service which has been disconnected within the preceding twelve months at the request of the customer shall be three dollars forty-five cents (\$3.45) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely. (I)
(R)
- C. If service is discontinued because of fraudulent use thereof, the Company may charge and collect in addition to the reconnection charge of three dollars forty-five cents (\$3.45) 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. (I)
(R)
(N)
- D. If both the gas and electric services are reconnected at one time, the total charge shall not exceed eighty-eight dollars (\$88.00). (D)
(D)
- 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). (T)
(D)
- E. 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)
(I)
(I)

Issued by authority of an Order of the Kentucky Public Service Commission, dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Fourth Revised Sheet No. 91
Cancels and Supersedes
Third Revised Sheet No. 91
Page 2 of 2

CHARGE (Contd.)

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.

(D)

(T)

(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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 92
Cancels and Supersedes
First Revised Sheet No. 92
Page 1 of 6

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.

ATTACHMENT CHARGES

The following annual rental rate per foot of pole shall be charged for the use of each of the Company's poles:

\$5.92 per foot for a two-user pole. (I)

\$4.95 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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 92
Cancels and Supersedes
First Revised Sheet No. 92
Page 2 of 6

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 92
Cancels and Supersedes
First Revised Sheet No. 92
Page 3 of 6

TERMS AND CONDITIONS (Contd.)

- 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.
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.
 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:

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 92
Cancels and Supersedes
First Revised Sheet No. 92
Page 4 of 6

TERMS AND CONDITIONS (Contd.)

- (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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 92
Cancels and Supersedes
First Revised Sheet No. 92
Page 5 of 6

TERMS AND CONDITIONS (Contd.)

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 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.
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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 92
Cancels and Supersedes
First Revised Sheet No. 92
Page 6 of 6

TERMS AND CONDITIONS (Contd.)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY. P.S.C. Electric No. 2
Fourth Revised Sheet No. 93
Cancels and Supersedes
Third Revised Sheet No. 93
Page 1 of 2

**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 October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY. P.S.C. Electric No. 2
Fourth Revised Sheet No. 93
Cancels and Supersedes
Third Revised Sheet No. 93
Page 2 of 2

RATE SCHEDULES

Rates for Purchases from qualifying facilities:

- (1) Energy Purchase Rate
The purchase rate shall be \$0.027645/kWh for all kilowatt-hours delivered. (I)

- (2) Capacity Purchase Rate
The purchase rate shall be \$3.47/kW-month for eligible capacity approved by PJM. 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. (I)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 94
Cancels and Supersedes
Fourth Revised Sheet No. 94
Page 1 of 2

**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."

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 94
Cancels and Supersedes
Fourth Revised Sheet No. 94
Page 2 of 2

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.

(2) Capacity Purchase Rate

The purchase rate shall be \$3.47/kW-month for eligible capacity approved by PJM. 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.

(I)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated October 2, 2018 in Case No. 2017-00321.

Issued: October 11, 2018

Effective: October 2, 2018

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

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 95
Cancels and Supersedes
First Revised Sheet No. 95
Page 1 of 1

LOCAL FRANCHISE FEE

(T)

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.

(D)
(D)
(D)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 96
Cancels and Supersedes
First Sheet No. 96
Page 1 of 3

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.
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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 96
Cancels and Supersedes
First Sheet No. 96
Page 2 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 96
Cancels and Supersedes
First Sheet No. 96
Page 3 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 97
Cancels and Supersedes
First Sheet No. 97
Page 1 of 3

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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 97
Cancels and Supersedes
First Sheet No. 97
Page 2 of 3

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.

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.
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 agreement.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 97
Cancels and Supersedes
First Sheet No. 97
Page 3 of 3

GENERAL CONDITIONS (Cont'd.)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 98
Cancels and Supersedes
First Revised Sheet No. 98
Page 1 of 6

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;

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 98
Cancels and Supersedes
First Revised Sheet No. 98
Page 2 of 6

I. 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.
- 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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 98
Cancels and Supersedes
First Revised Sheet No. 98
Page 3 of 6

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 98
Cancels and Supersedes
First Revised Sheet No. 98
Page 4 of 6

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;

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 98
Cancels and Supersedes
First Revised Sheet No. 98
Page 5 of 6

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 98
Cancels and Supersedes
First Revised Sheet No. 98
Page 6 of 6

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY. P.S.C. Electric No. 2
Sixth Revised Sheet No. 99
Cancels and Supersedes
Fifth Revised Sheet No. 99
Page 1 of 4

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:

$$\text{RTP Bill} = \text{BC} + \text{PC} + \sum_{t=1}^n \{ (\text{CC}_t + \text{ED}_t) \times (\text{AL}_t - \text{CBL}_t) \}$$

Where:

BC = Baseline Charge

PC = Program Charge

CC_t = Commodity Charge for hour t

ED_t = Energy Delivery Charge for hour t

AL_t = Customer Actual Load for hour t

CBL_t = Customer Baseline Load in hour t

n = total number of hours in the billing period

t = an hour in the billing period

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY. P.S.C. Electric No. 2
Sixth Revised Sheet No. 99
Cancels and Supersedes
Fifth Revised Sheet No. 99
Page 2 of 4

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.

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_t above the CBL_t, $CC_t = MVG_t \times LAF$

For kWh_t below the CBL_t, $CC_t = MVG_t \times 80\% \times LAF$

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY. P.S.C. Electric No. 2
Sixth Revised Sheet No. 99
Cancels and Supersedes
Fifth Revised Sheet No. 99
Page 3 of 4

COMMODITY CHARGE (Contd.)

Where:

- LAF = loss adjustment factor
- = 1.0530 for Rate TT
- = 1.0800 for Rate DP and Rate DT
- = 1.1100 for Rate DS
- MVG_t = Market Value Of Generation As Determined By Company for hour t

The MVG_t 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.

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	\$0.009104 per kW Per Hour	(I)
Primary Service	\$0.007850 per kW Per Hour	(I)
Transmission Service	\$0.003576 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
 - Sheet No. 78, Rider DSMR, Demand Side Management Rider
 - Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY. P.S.C. Electric No. 2
Sixth Revised Sheet No. 99
Cancels and Supersedes
Fifth Revised Sheet No. 99
Page 4 of 4

PROGRAM CHARGE (Contd.)

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 100
Cancels and Supersedes
First Revised Sheet No. 100
Page 1 of 7

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).

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.

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;

Issued by authority of an order of the Kentucky Public Service Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 100
Cancels and Supersedes
First Revised Sheet No. 100
Page 2 of 7

II. Essential Customers (Contd.)

- (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;
- (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.

Issued by authority of an order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

II. Essential Customers (Contd.)

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.

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.

Issued by authority of an order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
~~Second~~ Revised Sheet No. 100
Cancels and Supersedes
~~First~~ Revised Sheet No. 100
Page 4 of 7

III. Remedial Measures in the Event of Emergency (Contd.)

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

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

Issued by authority of an order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 100
Cancels and Supersedes
First Revised Sheet No. 100
Page 5 of 7

IV. Curtailment Procedures (Contd.)

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/Reliability First Security Coordinator.
- (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 Reliability First 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:

<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

Issued by authority of an order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 100
Cancels and Supersedes
First Revised Sheet No. 100
Page 6 of 7

IV. Curtailment Procedures (Contd.)

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;
- (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, Reliability First, 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.

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.

Issued by authority of an order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 100
Cancels and Supersedes
First Revised Sheet No. 100
Page 7 of 7

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

V. Transmission Emergency Rules (Contd.)

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.

Issued by authority of an order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Electric No. 2
Second Revised Sheet No. 101
Cancels and Supersedes
First Revised Sheet No. 101
Page 1 of 1

RATE MDC

METER DATA CHARGES FOR ENHANCED USAGE DATA SERVICES

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.

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 April 13, 2018 in Case No. 2017-00321.

Issued: April 30, 2018

Effective: April 14, 2018

Issued by James P. Henning, President /s/ James P. Henning

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

KY.P.S.C. Gas No. 2
Two-Hundred-Fifteenth
Revised Sheet No.10
Cancelling and Superseding
Two-Hundred-Fourteenth
Revised Sheet No. 10
Page 1 of 3

INDEX TO APPLICABLE GAS TARIFF SCHEDULES AND COMMUNITIES SERVED

	<u>Sheet No.</u>	<u>Billing Effective Date</u>	<u>Effective Date per Order</u>
<u>SERVICE REGULATIONS</u>			
Service Agreements.....	20	03/29/19	03/29/19
Supplying and Taking of Service.....	21	03/29/19	03/29/19
Customer's Installation.....	22	03/29/19	03/29/19
Company's Installation.....	23	03/29/19	03/29/19
Metering.....	24	03/29/19	03/29/19
Billing and Payment.....	25	03/29/19	03/29/19
Deposits.....	26	03/29/19	03/29/19
Application.....	27	03/29/19	03/29/19
Gas Space Heating Regulations.....	28	03/29/19	03/29/19
Availability of Gas Service.....	29	03/29/19	03/29/19
<u>FIRM SERVICE TARIFF SCHEDULES</u>			
Rate RS, Residential Service.....	30	05/31/19	05/31/19
Rate GS, General Service.....	31	05/31/19	05/31/19
Reserved for Future Use.....	32		
Reserved for Future Use.....	33		
Reserved for Future Use.....	34		
Reserved for Future Use.....	35		
Reserved for Future Use.....	36		
Reserved for Future Use.....	37		
Reserved for Future Use.....	38		
Reserved for Future Use.....	39		
Reserved for Future Use.....	40		
Reserved for Future Use.....	41		
Reserved for Future Use.....	42		
Reserved for Future Use.....	43		
Rate FRAS, Full Requirements Aggregation Service.....	44	03/29/19	03/29/19
Reserved for Future Use.....	45		
Reserved for Future Use.....	46		
Reserved for Future Use.....	47		
Reserved for Future Use.....	48		
Reserved for Future use.....	49		

Issued by authority of an Order by the Kentucky Public Service
Commission dated December 13, 2018 in Case No. 2018-00370.

Issued: June 10, 2019

Effective: June 7, 2019

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

KY.P.S.C. Gas No. 2
Two-Hundred-Fifteenth
Revised Sheet No. 10
Cancelling and Superseding
Two-Hundred-Fourteenth
Revised Sheet No. 10
Page 2 of 3

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

INDEX TO APPLICABLE GAS TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

TRANSPORTATION TARIFF SCHEDULE

Rate IT, Interruptible Transportation Service.....	50	03/29/19	03/29/19
Rate FT-L, Firm Transportation Service.....	51	03/29/19	03/29/19
Reserved for Future Use.....	52		
Rate SSIT, Spark Spread Interruptible Transportation Rate.....	53	03/29/19	03/29/19
Reserved for Future Use.....	54		
Rate AS, Aggregation Service for Interruptible Transportation.....	55	03/29/19	03/29/19
Reserved for Future Use.....	56		
		03/29/19	
Rate GTS, Gas Trading Service.....	57	04/01/19	03/29/19
Rate IMBS, Interruptible Monthly Balancing Service.....	58	03/29/19	03/29/19
Rate DGS, Distributed Generation Service.....	59	03/29/19	03/29/19

Issued by authority of an Order by the Kentucky Public Service
Commission dated December 13, 2018 in Case No. 2018-00370.

Issued: June 10, 2019

Effective: June 7, 2019

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

KY.P.S.C. Gas No. 2
Two-Hundred-Fifteenth
Revised Sheet No.10
Cancelling and Superseding
Two-Hundred-Fourteenth
Revised Sheet No. 10
Page 3 of 3

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

INDEX TO APPLICABLE GAS TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

	<u>Sheet No.</u>	<u>Billing Effective Date</u>	<u>Effective Date per Order</u>
<u>RIDERS</u>			
Rider X, Main Extension Policy.....	60	03/29/19	03/29/19
Rider DSM, Demand Side Management Cost Recovery Program	61	03/29/19	03/29/19
Rider DSMR, Demand Side Management Rate.....	62	06/07/19	06/07/19
Accelerated Service Replacement Program Rider.....	63	03/29/19	03/29/19
Reserved for Future Use.....	64		
Weather Normalization Adjustment Rider.....	65	04/01/19	04/01/19
Reserved for Future Use.....	66		
Reserved for Future Use.....	67		
Reserved for Future Use.....	68		
Reserved for Future Use.....	69		
<u>GAS COST RECOVERY RIDERS</u>			
Gas Cost Adjustment Clause.....	70	03/29/19	03/29/19
Reserved for Future Use.....	71		
Reserved for Future Use.....	72		
Reserved for Future Use.....	73		
Reserved for Future Use.....	74		
Reserved for Future Use.....	75		
Reserved for Future Use.....	76		
Rider GCAT, Gas Cost Adjustment Transition Rider.....	77	05/31/19	05/31/19
Reserved for Future Use.....	78		
Reserved for Future Use.....	79		
<u>MISCELLANEOUS</u>			
Bad Check Charge.....	80	03/29/19	03/29/19
Charge for Reconnection of Service.....	81	<u>03/29/19</u>	<u>03/29/19</u>
Local Franchise Fee.....	82	03/29/19	03/29/19
Curtailement Plan.....	83	03/29/19	03/29/19
Rate MPS, Meter Pulse Service.....	84	03/29/19	03/29/19
Reserved for Future Use.....	85		
Reserved for Future Use.....	86		
Reserved for Future Use.....	87		
Reserved for Future Use.....	88		
Reserved for Future Use.....	89		

(T)

Issued by authority of an Order by the Kentucky Public Service Commission dated December 13, 2018 in Case No. 2018-00370.

Issued: June 10, 2019

Effective: June 7, 2019

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

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

KY.P.S.C. Gas No. 2
Third Revised Sheet No. 81
Cancelling and Superseding
Second Revised Sheet No. 81
Page 1 of 1

CHARGE FOR RECONNECTION OF SERVICE

APPLICABILITY

Applicable to all customers in the Company's entire service area who are in violation of Rule 3, Company's Right to Cancel Service Agreement or to Suspend Service, of the Company's Gas 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 seventy-five dollars (\$75.00).
- B. The reconnection charge for service which has been disconnected within the preceding twelve months at the request of the customer shall be seventy-five dollars (\$75.00).
- C. If service is discontinued because of fraudulent use thereof, the Company may charge and collect in addition to the reconnection charge of seventy-five dollars (\$75.00) the expense incurred by the Company by reason of such fraudulent use, plus an estimated bill for gas used, prior to the reconnection of service. _____ (N)
- D. If both the gas and electric services are reconnected at one time, the total charge shall not exceed eighty-eight dollars (\$88.00). (D)
(D)
- E. Where electric service was disconnected at the pole because the Company was unable to gain access to the meter and gas service is also reconnected the charge shall be one hundred fifty dollars (\$150.00). (D)
(D)

SERVICE REGULATIONS

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

Issued by authority of an Order of the Kentucky Public Service Commission dated March 27, 2019 in Case No. 2018-00261.

Issued: April 5, 2019

Effective: March 29, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
~~First~~ Second Revised Sheet No. 01
 Cancels and Supersedes
~~Original~~ First Sheet No. 01
 Page 1 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated ~~April 13, 2018~~ _____ in Case No. 2017-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~May 1, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
~~First~~ Second Revised Sheet No. 01
Cancels and Supersedes
~~Original~~ First Sheet No. 01
Page 2 of 2

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 ~~April 13, 2018~~ _____ in Case No. 2017-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~May 1, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Seventy-Eighth~~^{Ninth} Revised Sheet No. 10
Cancels and Supersedes
~~Seventy-Seventh~~^{Eighth} Revised Sheet No. 10
Page 1 of 4

INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED

	<u>Sheet No.</u>	<u>Effective Date</u>	
<u>SERVICE REGULATIONS</u>			
Service Agreements.....	20	04/14/1810/03/19	(T)
Supplying and Taking of Service.....	21	04/14/1810/03/19	(T)
Customer's Installations.....	22	04/14/1810/03/19	(T)
Company's Installation.....	23	04/14/1810/03/19	(T)
Metering.....	24	04/14/1810/03/19	(T)
Billing and Payment.....	25	04/14/1810/03/19	(T)
Deposits.....	26	04/14/1810/03/19	(T)
Application of Service Regulations.....	27	04/14/1810/03/19	(T)
Reserved for Future Use.....	28-29		
<u>RESIDENTIAL SERVICE</u>			
Rate RS, Residential Service.....	30	10/02/1810/03/19	(T)
Reserved for Future Use.....	31-39		
<u>DISTRIBUTION VOLTAGE SERVICE</u>			
Rate DS, Service at Secondary Distribution Voltage.....	40	10/02/1810/03/19	(T)
Rate DT, Time-of-Day Rate For Service at Distribution Voltage.....	41	10/02/1810/03/19	(T)
Rate EH, Optional Rate for Electric Space Heating.....	42	04/14/1810/03/19	(T)
Rate SP, Seasonal Sports Service.....	43	04/14/1810/03/19	(T)
Rate GS-FL, General Service Rate for Small Fixed Loads.....	44	04/14/1810/03/19	(T)
Rate DP, Service at Primary Distribution Voltage.....	45	04/14/1810/03/19	(T)
Reserved for Future Use.....	46-49		
<u>TRANSMISSION VOLTAGE SERVICE</u>			
Reserved for Future Use.....	50		
Rate TT, Time-of-Day Rate for Service at Transmission Voltage.....	51	10/02/1810/03/19	(T)
Reserved for Future Use.....	52-57		
Rider GSS, Generation Support Service.....	58	04/14/1810/03/19	(T)
Rate RTP-M, Real Time Pricing — Market Based Pricing Reserved for Future Use.....	59	04/14/1810/03/19	(T)

Issued by authority of an Order by the Kentucky Public Service
Commission dated December 13, 2018 _____ in Case No. 20189-00370271.

Issued: ~~June 10, 2019~~ September 3, 2019

Effective: ~~June 7, 2019~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Seventy-Eighth~~^{Ninth} Revised Sheet No. 10
Cancels and Supersedes
~~Seventy-Seventh~~^{Eighth} Revised Sheet No. 10
Page 2 of 4

INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

	Sheet No.	Effective Date	
<u>LIGHTING SERVICE</u>			
Rate SL, Street Lighting Service.....	60	04/14/1810/03/19	(T)
Rate TL, Traffic Lighting Service.....	61	04/14/1810/03/19	(T)
Rate UOLS, Unmetered Outdoor Lighting.....	62	04/14/1810/03/19	(T)
Rate OL-E, Outdoor Lighting Equipment Installation.....	63	04/14/1810/03/19	(T)
Rate LED, Outdoor LED Lighting Service.....	64	10/02/1810/03/19	(T)
Rate OL, Outdoor Lighting Service Reserved for Future Use.....	65	04/14/1810/03/19	(T)
Rate NSU, Street Lighting Service for Non-Standard Units.....	66	04/14/1810/03/19	(T)
Rate NSP, Private Outdoor Lighting for Non-Standard Units Reserved for Future Use.....	67	04/14/1810/03/19	(T)
Rate SC, Street Lighting Service – Customer Owned.....	68	04/14/1810/03/19	(T)
Rate SE, Street Lighting Service – Overhead Equivalent.....	69	04/14/1810/03/19	(T)
<u>TARIFF RIDERS</u>			
Rider PPS, Premier Power Service.....	70	04/14/1810/03/19	(T)
Rider TS, Temporary Service.....	71	04/14/1810/03/19	(T)
Rider X, Line Extension.....	72	04/14/1810/03/19	(T)
Rider LM, Load Management Rider.....	73	04/14/1810/03/19	(T)
Rider AMO, Advanced Meter Opt-out - Residential.....	74	04/14/1810/03/19	(T)
Rider DSM, Demand Side Management Cost Recovery Program...	75	09/30/1010/03/19	(T)
Rider ESM, Environmental Surcharge Mechanism	76	04/14/1810/03/19	(T)
Rider PLM, Peak Load Management Program.....	77	09/30/1010/03/19	(T)
Rider DSMR, Demand Side Management Rate.....	78	06/07/1910/03/19	(T)
Rider BDP, Backup Delivery Point Capacity Rider	79	04/14/1810/03/19	(T)
<u>FUEL RIDERS</u>			
Rider FAC, Fuel Adjustment Clause.....	80	04/14/1810/03/19	(T)
Reserved for Future Use.....	81		(T)
Rider PSM, Off-System Sales Profit Sharing Mechanism.....	82	05/31/1910/03/19	(T)
Reserved for Future Use.....	83		(T)
Reserved for Future Use.....	84		(T)
Rider BR, Brownfield Redevelopment Rider.....	85	04/14/1810/03/19	(T)
Rider DIR, Development Incentive Rider.....	86	04/14/1810/03/19	(T)
Reserved for Future Use.....	87		(T)
Rider GP, Green Power Rider.....	88	04/14/1810/03/19	(T)
Rider NM, Net Metering Rider.....	89	04/14/1810/03/19	(T)

Issued by authority of an Order by the Kentucky Public Service
Commission dated ~~December 13, 2018~~ in Case No. 20189-00370271.

Issued: ~~June 10, 2019~~ September 3, 2019

Effective: ~~June 7, 2019~~ October 3, 2019

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

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

Seventy-~~Eighth~~^{Ninth} Revised Sheet No. 10

Cancels and Supersedes

Seventy-~~Seventh~~^{Eighth} Revised Sheet No. 10

Page 3 of 4

Duke Energy Kentucky, Inc.
 4580 Olympic Blvd. 1262 Cox Road
 Erlanger, Kentucky 41018

INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

<u>MISCELLANEOUS</u>	<u>Sheet No.</u>	<u>Effective Date</u>	
Bad Check Charge.....	90	04/14/18 ^{10/03/19}	<u>(T)</u>
Charge for Reconnection of Service.....	91	04/14/18 ^{10/03/19}	<u>(T)</u>
Rate DPA, Distribution Pole Attachments.....	92	04/14/18 ^{10/03/19}	<u>(T)</u>
Cogeneration and Small Power Production Sale and Purchase – 100 kW or Less.....	93	10/02/18 ^{10/03/19}	<u>(T)</u>
Cogeneration And Small Power Production Sale and Purchase – Greater Than 100 kW.....	94	10/02/18 ^{10/03/19}	<u>(T)</u>
Local Franchise ^{Government} Fee.....	95	04/14/18 ^{10/03/19}	<u>(T)</u>
Rate UDP-R, Underground Residential Distribution Policy.....	96	04/14/18 ^{10/03/19}	<u>(T)</u>
Rate UDP-G, General Underground Distribution Policy.....	97	04/14/18 ^{10/03/19}	<u>(T)</u>
Electricity Emergency Procedures for Long Term Fuel Shortages.....	98	04/14/18 ^{10/03/19}	<u>(T)</u>
Rate RTP, Real Time Pricing Program.....	99	04/14/18 ^{10/03/19}	<u>(T)</u>
Emergency Electric Procedures.....	100	04/14/18 ^{10/03/19}	<u>(T)</u>
Rate MDC, Meter Data Charges.....	101	04/14/18 ^{10/03/19}	<u>(T)</u>
Appliance Recycling Program.....	102	10/01/18	
Energy Efficiency Education Program For Schools Program (EEEEPS).	103	10/01/18	
Residential Smart Saver.....	104	10/01/18	
Low Income Neighborhood Program.....	105	10/01/18	
Low Income Services Program.....	106	10/01/18	
My Home Energy Report Program.....	107	10/01/18	
Residential Direct Load Control – Power Manager Program.....	108	10/01/18	
Residential Home Energy House Call.....	109	10/01/18	
Energy Star Products.....	110	10/01/18	
Smart \$aver Custom Program.....	111	10/01/18	
Smart \$aver Energy Assessments Program.....	112	10/01/18	
CI High Efficiency Incentive.....	113	10/01/18	
Energy Efficiency Website.....	114	10/01/18	
Personalized Energy Report (PER).....	115	10/01/18	
Smart \$aver Custom Program.....	116	10/01/18	
Payment Plus.....	117	10/01/18	
Small Business Energy Saver Program.....	118	10/01/18	
Non-Residential Pay For Performance Program.....	121	10/01/18	

Issued by authority of an Order by the Kentucky Public Service

Commission dated ~~December 13, 2018~~ in Case No. 20189-00370271.

Issued: ~~June 10, 2019~~^{September 3, 2019}

Effective: ~~June 7, 2019~~^{October 3, 2019}

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd. 1262 Cox Road~~
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Seventy-Eighth~~^{Ninth} Revised Sheet No. 10
 Cancels and Supersedes
~~Seventy-Seventh~~^{Eighth} Revised Sheet No. 10
 Page 4 of 4

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	Villa Hills
Fairview	Walton
Florence	Wilder
Fort Mitchell	
Fort Thomas	
Fort Wright	
Grant County	Woodlawn

Issued by authority of an Order by the Kentucky Public Service

Commission dated ~~December 13, 2018~~ in Case No. 20189-00370271.

Issued: ~~June 10, 2019~~^{September 3, 2019}

Effective: ~~June 7, 2019~~^{October 3, 2019}

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, KY 41018

KY. P.S.C. Electric No. 2
~~Third~~ Second Revised Sheet No. 20
 Cancels and Supersedes
~~Second~~ Third Revised Sheet No. 20
 Page 1 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, KY 41018

KY. P.S.C. Electric No. 2
~~Third~~ Second Revised Sheet No. 20
 Cancels and Supersedes
~~Second~~ Third Revised Sheet No. 20
 Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated ~~April 13, 2018~~ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~ Third Revised Sheet No. 21
 Cancels and Supersedes
~~First~~ Second Revised Sheet No. 21
 Page 1 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated ~~April 13, 2018~~ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd. 1262 Cox Road~~
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 21
Cancels and Supersedes
~~First~~Second Revised Sheet No. 21
Page 2 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 2017-0032

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd~~ 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~ Third Revised Sheet No. 21
 Cancels and Supersedes
~~First~~ Second Revised Sheet No. 21
 Page 3 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

~~Second~~Third Revised Sheet No. 22
Cancels and Supersedes
~~First~~Second Revised Sheet No. 22
Page 1 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd-1262 Cox Road
Erlanger, Kentucky 41018

~~Second~~Third Revised Sheet No. 22
Cancels and Supersedes
~~First~~Second Revised Sheet No. 22
Page 2 of 2

SECTION III - CUSTOMER'S INSTALLATIONS (Contd.)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Third~~Fourth Revised Sheet No. 23
Cancels and Supersedes
~~Second~~Third Revised Sheet No. 23
Page 1 of 2

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.

In situations where Company installs residential underground service lines as part of new construction, or to replace a failed existing customer-owned underground service line, or to increase service reliability at the discretion of the Company, Company will own and maintain the residential underground service lines going forward. Residential service is defined as electric service (400 amp or less) other than three phase service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings where distribution lines are adjacent to the premises to be served. Commercial and industrial services are excluded from this definition of residential service. The property must be owned by the customer and not a third party such as an HOA or management company, and the service line must not cross another owner's property. Company reserves the right to deny replacing an underground service and assuming ownership in unique situations.

(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated _____ in Case No. 2019-00271.

Issued: ~~December 11, 2018~~September 3, 2019

Effective: ~~January 11, 2019~~October 3, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Third~~Fourth Revised Sheet No. 23
 Cancels and Supersedes
~~Second~~Third Revised Sheet No. 23
 Page 2 of 2

SECTION IV - COMPANY'S INSTALLATION (Contd.)

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated _____ in Case No. 2019-00271.

Issued: ~~December 11, 2018~~ September 3, 2019

Effective: ~~January 11, 2019~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 24
Cancels and Supersedes
~~First~~Second Revised Sheet No. 24
Page 1 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. ~~20179-00321~~271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 24
Cancels and Supersedes
~~First~~Second Revised Sheet No. 24
Page 2 of 2

4. Optional Monitoring Programs for Customers.

Company will offer, as available, optional alert programs for customer participation. These programs are described below. Customers should contact the Company for current program details and eligibility.

1. Usage Alerts provide enrolled customers with a mid-cycle report of their usage to date, along with projections of the end-of-cycle bill, based on historical usage and weather data. Customers will also have the opportunity to elect to receive threshold-based reports.
2. Outage Alerts provide enrolled customers with enhanced restoration information regarding their service when the customer has an outage. Company will be able to communicate with enrolled customers to make them more aware of the outage, the cause, the estimated time of restoration as well as changes to the estimated time of restoration during the outage, and notification of restoration.

(+)
(+)
(+)
(+)
(+)
(+)
(+)
(+)
(+)
(+)
(+)
(+)

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018, _____ in Case No. 20179-00321271.

Issued: April 30, 2018September 3, 2019

Effective: April 14, 2018October 3, 2019

Issued by James P. HenningAmy B. Spiller, President /s/ James P. HenningAmy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Fourth-Fifth~~ Revised Sheet No. 25
Cancels and Supersedes
~~Third-Fourth~~ Revised Sheet No. 25
Page 1 of 4

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.

Customers current on their account may participate upon request in the Adjusted Due Date Program. The Adjusted Due Date Program is available to Duke Energy Kentucky electric customers who have an analog meter. This service allows a customer to adjust the due date of the energy bill five-to-ten days forward from the original due date.

(+)
(+)
(+)
(+)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated March 27, 2019 in Filing No. 20189-00261271.

Issued: ~~April 5, 2019~~ September 3, 2019

Effective: ~~March 29, 2019~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Fourth-Fifth~~ Revised Sheet No. 25
 Cancels and Supersedes
~~Third-Fourth~~ Revised Sheet No. 25
 Page 2 of 4

SECTION VI - BILLING AND PAYMENT (Contd.)

2. Information on Customer Bills. (Contd.)

- (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.

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated ~~March 27, 2019~~ _____ in Filing No. 20189-00261271.

Issued: ~~April 5, 2019~~ September 3, 2019

Effective: ~~March 29, 2019~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Fourth-Fifth~~ Revised Sheet No. 25
 Cancels and Supersedes
~~Third-Fourth~~ Revised Sheet No. 25
 Page 3 of 4

SECTION VI - BILLING AND PAYMENT (Contd.)

7. Availability of Budget Billing.

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:

- (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.

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.

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

Budget Billing Plan Description:

Annual Plan:

- The Annual Plan provides 11 months of equal payments by using 12 months of customer's usage, dividing the usage by 11, and using the result to calculate the bill.
- Month 12 is a settle-up month between the billed amounts and customer bills based on actual usage.
- A bill message is sent after 6 months with a suggested new bill amount if the budget bill amounts compared to the actual bill amounts exceeds a Company set threshold; however, Customer must contact Company to change the amount.
- The budget bill amount is changed as needed after the 12 month review.

Quarterly Plan:

- The Quarterly Plan provides 3 months of equal payments starting by using 12 months of customer's usage, dividing the usage by 12, and using the result to calculate the bill.
- However, to prevent a settle-up month, reviews occur after 3, 6, 9, and 12 months on the plan and continue every 3 months thereafter.
- The budget bill amount is changed as needed after each review. The change is automatic and the customer does not need to contact Company.
- A bill message is sent after each review with a new bill amount if the budget bill amounts compared to the actual bill amounts exceeds a Company set threshold.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated March 27, 2019 in Filing No. 20189-00264271.

Issued: ~~April 5, 2019~~ September 3, 2019

Effective: ~~March 29, 2019~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Fourth-Fifth~~ Revised Sheet No. 25
Cancels and Supersedes
~~Third-Fourth~~ Revised Sheet No. 25
Page 4 of 4

SECTION VI - BILLING AND PAYMENT (Contd.)

8. ~~Partial payment~~ Installment Plans.

(T)

The Company shall negotiate and accept reasonable ~~partial payment~~ installment 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 an ~~an partial payment~~ installment plan with a customer who is delinquent under a previous payment plan.

(T)

(T)

9. Pick Your Own Due Date.

Pick Your Own Due Date lets a customer choose what day their bill is due each month. This change in the due date may result in one billing period with a longer or shorter cycle, which could affect the amount of the first bill the customer receives. A customer can change their due date once every 12 months. Customers should contact the Company for current program specifics and eligibility.

10. Bill Format.

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated March 27, 2019 in Filing No. 20189-00261271.

Issued: ~~April 5, 2019~~ September 3, 2019

Effective: ~~March 29, 2019~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Second-Third~~ Revised Sheet No. 26
Cancels and Supersedes
~~First-Second~~ Revised Sheet No. 26
Page 1 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Second~~ Third Revised Sheet No. 26
Cancels and Supersedes
~~First~~ Second Revised Sheet No. 26
Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 27
Cancels and Supersedes
~~First~~Second Revised Sheet No. 27
Page 1 of 1

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Ninth-Tenth~~ Revised Sheet No. 30
Cancels and Supersedes
~~Eighth-Ninth~~ Revised Sheet No. 30
Page 1 of 2

RATE RS

RESIDENTIAL SERVICE

APPLICABILITY

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

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

Computed in accordance with the following charges:

1. Base Rate			
(a) Customer Charge	\$ 11.00 <u>14.00</u>	per month	(I)
(b) Energy Charge			
All kilowatt hours	\$ 0.0716500 <u>0.084272</u>	per kWh	(I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321-271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd. 1262 Cox Road~~
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Ninth-Tenth~~ Revised Sheet No. 30
Cancels and Supersedes
~~Eighth-Ninth~~ Revised Sheet No. 30
Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Ninth~~~~Tenth~~ Revised Sheet No. 40
Cancels and Supersedes
~~Eighth~~~~Ninth~~ Revised Sheet No. 40
Page 1 of 4

RATE DS

SERVICE AT SECONDARY DISTRIBUTION VOLTAGE

APPLICABILITY

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

TYPE OF SERVICE

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

NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, and all applicable riders, shall not exceed ~~\$0.236915269521~~ 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	\$ 17.1415.00	per month	(R)
Three Phase Service	\$ 34.2830.00	per month	(R)
(b) Demand Charge			
First 15 kilowatts	\$ 0.00	per kW	
Additional kilowatts	\$ 8.259.38	per kW	(I)
(c) Energy Charge			
First 6,000 kWh	\$0.080200091238	per kWh	(I)
Next 300 kWh/kW	\$0.049232056008	per kWh	(I)
Additional kWh	\$0.040317045866	per kWh	(I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge shown above.

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Ninth~~^{Tenth} Revised Sheet No. 40
Cancels and Supersedes
~~Eighth~~^{Ninth} Revised Sheet No. 40
Page 2 of 4

NET MONTHLY BILL (Contd.)

For customers receiving service under the provisions of former Rate C, Optional Rate for Churches, as of June 25, 1981, the maximum monthly rate per kilowatt-hour shall not exceed \$0.~~145445~~¹⁶⁵⁴⁶¹ per kilowatt-hour plus all applicable riders. (I)

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

METERING

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

DEMAND

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

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

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

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

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

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd-1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Ninth~~^{Tenth} Revised Sheet No. 40
Cancels and Supersedes
~~Eighth~~^{Ninth} Revised Sheet No. 40
Page 3 of 4

POWER FACTOR ADJUSTMENT

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

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

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

LATE PAYMENT CHARGE

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-
00321271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Ninth~~ Tenth Revised Sheet No. 40
Cancels and Supersedes
~~Eighth~~ Ninth Revised Sheet No. 40
Page 4 of 4

TERMS AND CONDITIONS (Contd.)

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

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

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd-1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Ninth~~^{Tenth} Revised Sheet No. 41
Cancels and Supersedes
~~Eighth~~^{Ninth} Revised Sheet No. 41
Page 1 of 4

RATE DT

TIME-OF-DAY RATE FOR SERVICE AT DISTRIBUTION VOLTAGE

APPLICABILITY

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

1. Base Rate

(a) Customer Charge				
Single Phase	\$ 63.50 <u>65.00</u>	per month		(I)
Three Phase	\$ 127.00 <u>130.00</u>	per month		(I)
Primary Voltage Service	\$138.00	per month		
(b) Demand Charge				
Summer				
On Peak kW	\$ 13.78 <u>15.45</u>	per kW		(I)
Off Peak kW	\$ 1.24 <u>1.39</u>	per kW		(I)
Winter				
On Peak kW	\$ 13.04 <u>14.62</u>	per kW		(I)
Off Peak kW	\$ 1.24 <u>1.39</u>	per kW		(I)
(c) Energy Charge				
Summer On Peak kWh	\$0.043450	<u>048712</u>	per kWh	(I)
Winter On Peak kWh	\$0.041479	<u>046499</u>	per kWh	(I)
Off Peak kWh	\$0.035582	<u>039890</u>	per kWh	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~October 11, 2018~~September 3, 2019

Effective: ~~October 2, 2018~~October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Ninth~~^{Tenth} Revised Sheet No. 41
Cancels and Supersedes
~~Eighth~~^{Ninth} Revised Sheet No. 41
Page 2 of 4

NET MONTHLY BILL (Contd.)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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

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

For purposes of administration of the above Base Rate charges, the summer period is defined as 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.~~70~~⁷⁸ per kW.
Additional kW of On Peak billing demand at \$0.~~54~~⁶¹ per kW.

(R)
(R)

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Ninth~~Tenth Revised Sheet No. 41
 Cancels and Supersedes
~~Eighth~~Ninth Revised Sheet No. 41
 Page 3 of 4

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-
 00321271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd. 1262 Cox Road~~
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Ninth~~Tenth Revised Sheet No. 41
Cancels and Supersedes
~~Eighth~~Ninth Revised Sheet No. 41
Page 4 of 4

TERMS AND CONDITIONS (Contd.)

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~October 11, 2018~~September 3, 2019

Effective: ~~October 2, 2018~~October 3, 2019

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

Witness Responsible: Jeff Kern

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 42
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 42
Page 1 of 2

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)~~
~~(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	\$ 17.14 <u>15.00</u> per month	(R)
Three Phase Service	\$ 34.28 <u>30.00</u> per month	(R)
Primary Voltage Service	\$ 117.00 per month	(I)

(b) Energy Charge

All kWh	\$0. 0622020 <u>070482</u> per kWh	(I)
---------	---	-----

2. Applicable Riders

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider ~~(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

The minimum charge shall be the Customer Charge stated above.

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018, _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/

~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
 4580 Olympic Blvd. 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 42
 Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 42
 Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018, _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
 4580 Olympic Blvd. 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 43
 Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 43
 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.

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	\$17.1415.00	per	(FR)
month			

(b) Energy Charge	\$0.096130111052	per kWh	(RI)
-------------------	------------------	---------	------

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	
---	--

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~~ per Sheet No. 91, Charge for Reconnection of Service is applicable to each season to cover in part the cost of reconnection of service. (T)

Issued by authority of an Order of the Kentucky Public Service
 Commission dated April 13, 2018 _____ in Case No. 20179-
 0032+271.

Issued: April 30, 2018 September 3, 2019

Effective: April 14, 2018 October 3, 2019

Issued by James P. Henning Amy B. Spiller, President /s/
 James P. Henning Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 43
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 43
Page 2 of 2

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 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 April 13, 2018 _____ in Case No. 20179-00324271.

Issued: April 30, 2018 September 3, 2019

Effective: April 14, 2018 October 3, 2019

Issued by James P. Henning Amy B. Spiller, President /s/
James P. Henning Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 44
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 44
Page 1 of 2

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 \$0.082708093089 per kWh (I)
- (b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment \$0.095240107269 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

Minimum: ~~\$2,983.36~~ per Fixed Load Location per month. (RI)

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 April 13, 2018 _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 44
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 44
Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 45
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 45
Page 1 of 3

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~~ and all applicable riders shall not exceed ~~\$0.241342274836~~ 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)	\$ 117.00	per month	(+)
(b) Demand Charge			
All kilowatts	\$ 7.929.02	per kW	(I)
(c) Energy Charge			
First 300 kWh/kW	\$0.051092058203	per kWh	(I)
Additional kWh	\$0.043219049212	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

The minimum charge shall be the Customer Charge shown above.

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 45
 Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 45
 Page 2 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated April 13, 2018 _____ in Case No. 20179-
 00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 45
 Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 45
 Page 3 of 3

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Ninth~~^{Tenth} Revised Sheet No. 51
Cancels and Supersedes
~~Eighth~~^{Ninth} Revised Sheet No. 51
Page 1 of 3

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	\$	8.078.75	per kW	(I)
Off Peak kW	\$	1.221.32	per kW	(I)
Winter				
On Peak kW	\$	6.627.18	per kW	(I)
Off Peak kW	\$	1.221.32	per kW	(I)
(c) Energy Charge				
Summer				
On Peak kWh	\$	0.04905153207	per kWh	(I)
Off Peak kWh	\$	0.04016843571	per kWh	(I)
Winter				
On Peak kWh	\$	0.04682650794	per kWh	(I)
Off Peak kWh	\$	0.04016843571	per kWh	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321-271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
 4580 Olympic Blvd. 1262 Cox Road
 Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Ninth Tenth~~ Revised Sheet No. 51
 Cancels and Supersedes
~~Eighth Ninth~~ Revised Sheet No. 51
 Page 2 of 3

NET MONTHLY BILL (Contd.)

2. Applicable Riders

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

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

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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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

For purposes of administration of the above charges, the summer is defined as that period 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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-
 00321-271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Ninth~~ Tenth Revised Sheet No. 51
 Cancels and Supersedes
~~Eighth~~ Ninth Revised Sheet No. 51
 Page 3 of 3

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 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.

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321-271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Third~~Fourth Revised Sheet No. 58
Cancels and Supersedes
~~Second~~Third Revised Sheet No. 58
Page 1 of 3

**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	\$4.71265.6950 per kW	(I)
b. Rate DT - Distribution Service	\$5.85477.2281 per kW	(I)
c. Rate DP - Primary Distribution Service	\$5.97947.7448 per kW	(I)
d. Rate TT - Transmission Service	\$2.63943.1192 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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-00324271.

Issued: April 30, 2018 September 3, 2019

Effective: April 14, 2018 October 3, 2019

Issued by James P. Henning Amy B. Spiller, President /s/ James P. Henning Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Third~~Fourth Revised Sheet No. 58
 Cancels and Supersedes
~~Second~~Third Revised Sheet No. 58
 Page 2 of 3

NET MONTHLY BILL (Contd.)

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.

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.

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.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated ~~April 13, 2018~~ _____ in Case No. ~~20179-00324271~~.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Third~~Fourth Revised Sheet No. 58
Cancels and Supersedes
~~Second~~Third Revised Sheet No. 58
Page 3 of 3

DEFINITIONS (Contd.)

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 ~~April 13, 2018~~ _____ in Case No.20179-00321271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 60
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 60
Page 1 of 6

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:

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-
00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 60
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 60
Page 2 of 6

NET MONTHLY BILL (Contd.)

1. Base Rate

<u>OVERHEAD DISTRIBUTION AREA</u>				
Fixture Description	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit
Standard Fixture (Cobra Head)				
Mercury Vapor				
7,000 lumen	175	0.193	803	\$ 7,278.16 (I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6,076.81 (I)
10,000 lumen	250	0.275	1,144	\$ 8,399.42 (I)
21,000 lumen	400	0.430	1,789	\$ 41,2312.61 (I)
Metal Halide				
14,000 lumen	175	0.193	803	\$ 7,278.16 (I)
20,500 lumen	250	0.275	1,144	\$ 8,399.42 (I)
36,000 lumen	400	0.430	1,789	\$ 41,2312.61 (I)
Sodium Vapor				
9,500 lumen	100	0.117	487	\$ 8,049.03 (I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6,046.78 (I)
16,000 lumen	150	0.171	711	\$ 8,779.85 (I)
22,000 lumen	200	0.228	948	\$ 41,3712.76 (I)
27,500 lumen	250	0.275	948	\$ 41,3712.76 (I)
50,000 lumen	400	0.471	1,959	\$ 46,2817.15 (I)
Decorative Fixtures				
Sodium Vapor				
9,500 lumen (Rectilinear)	100	0.117	487	\$ 40,0011.23 (I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 42,3613.88 (I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 46,3518.36 (I)
50,000 lumen (Setback)	400	0.471	1,959	\$ 24,3427.29 (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:
\$0.5360.

(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 60
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 60
Page 3 of 6

NET MONTHLY BILL (Contd.)

<u>UNDERGROUND DISTRIBUTION AREA</u>	Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	<u>Rate/Unit</u>	
<u>Fixture Description</u>					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.210	874	\$ 7.408.31	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6.076.81	(I)
10,000 lumen	250	0.292	1,215	\$ 8.549.59	(I)
21,000 lumen	400	0.460	1,914	\$11.5012.91	(I)
Metal Halide					
14,000 lumen	175	0.210	874	\$ 7.408.31	(I)
20,500 lumen	250	0.292	1,215	\$ 8.549.59	(I)
36,000 lumen	400	0.460	1,914	\$11.5012.91	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 8.049.03	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6.126.87	(I)
16,000 lumen	150	0.171	711	\$ 8.749.81	(I)
22,000 lumen	200	0.228	948	\$11.3712.76	(I)
50,000 lumen	400	0.471	1,959	\$15.2817.15	(I)
Decorative Fixtures					
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	\$ 7.668.59	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 9.6410.79	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$21.9624.65	(I)
7,000 lumen (Granville)	175	0.205	853	\$ 7.738.68	(I)
7,000 lumen (Aspen)	175	0.210	874	\$13.9415.62	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 7.648.58	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$13.9415.62	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$22.0424.74	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$11.1712.54	(I)
9,500 lumen (Holophane)	100	0.128	532	\$12.4013.58	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 9.0210.13	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$22.7525.54	(I)
9,500 lumen (Aspen)	100	0.128	532	\$14.0915.82	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$11.1712.54	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$14.0915.82	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$12.4213.94	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$16.4418.42	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$24.3427.29	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 _____ in Case No. 20179-00324271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by James P. Henning ~~Amy B. Spiller~~, President /s/
James P. Henning ~~Amy B. Spiller~~

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 60
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 60
Page 4 of 6

NET MONTHLY BILL (Contd.)

POLE CHARGES

Pole Description	Pole Type	Rate/Pole
<u>Wood</u>		
17 foot (Wood Laminated) (a)	W17	\$ <u>4,505.05</u> (I)
30 foot	W30	\$ <u>4,444.98</u> (I)
35 foot	W35	\$ <u>4,505.05</u> (I)
40 foot	W40	\$ <u>5,396.05</u> (I)
<u>Aluminum</u>		
12 foot (decorative)	A12	\$ <u>12,2313.73</u> (I)
28 foot	A28	\$ <u>7,097.96</u> (I)
28 foot (heavy duty)	A28H	\$ <u>7,168.04</u> (I)
30 foot (anchor base)	A30	\$ <u>14,1615.90</u> (I)
<u>Fiberglass</u>		
17 foot	F17	\$ <u>4,505.05</u> (I)
12 foot (decorative)	F12	\$ <u>13,1514.76</u> (I)
30 foot (bronze)	F30	\$ <u>8,569.61</u> (I)
35 foot (bronze)	F35	\$ <u>8,799.87</u> (I)
<u>Steel</u>		
27 foot (11 gauge)	S27	\$ <u>11,5612.98</u> (I)
27 foot (3 gauge)	S27H	\$ <u>17,4319.57</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: \$0.7786. (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

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 60
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 60
Page 5 of 6

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-
00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 60
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 60
Page 6 of 6

GENERAL CONDITIONS (Contd.)

- (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.

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 ~~April 13, 2018~~ _____ in Case No. 20179-00324271.

~~Issued: April 30, 2018~~ September 3, 2019

~~Effective: April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 61
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 61
Page 1 of 2

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.~~038903~~⁰⁴³⁶⁷⁵ 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.~~021543~~⁰²⁴¹⁸⁵ 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.~~060446~~⁰⁶⁷⁸⁶⁰ 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
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- 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.

TERM OF SERVICE

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 2017-
00321271.

Issued: ~~April 30, 2018~~^{September 3, 2019}

Effective: ~~April 14, 2018~~^{October 3, 2019}

Issued by ~~James P. Henning~~^{Amy B. Spiller}, President /s/
~~James P. Henning~~^{Amy B. Spiller}

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 61
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 61
Page 2 of 2

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY. P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 62
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 62
Page 1 of 2

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 \$0.038305043003 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

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ James P. Henning Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY. P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 62
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 62
Page 2 of 2

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 April 13, 2018 _____ in Case No. 20179-0032+271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by James P. Henning ~~James P. Henning~~ Amy B. Spiller, President /s/ James P. Henning Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, KY 41018

Ky.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 63
Cancels and Supersedes
~~First~~Second Revised Sheet No. 63
Page 1 of 2

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 ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, KY 41018

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

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.

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, as provided by law.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-00324271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by James P. Henning ~~Amy B. Spiller~~, President /s/ James P. Henning ~~Amy B. Spiller~~

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 64
Cancels and Supersedes
Original~~First~~ Revised Sheet No. 64
Page 1 of 14

RATE LED

LED OUTDOOR LIGHTING ELECTRIC SERVICE

APPLICABILITY

To any customer for the sole purpose of lighting ~~seeking~~ unmetered roadways or other unmetered outdoor illumination from Company owned ~~land use areas with~~ LED technology fixtures; served from Company fixtures of the LED type available under this rate schedule. Customer must be adjacent to an electric power line of Company that is adequate and suitable for supplying the necessary electric service. Specific program technologies, services, pricing, and requirements are addressed below. Service hereunder is provided for the sole and exclusive benefit of the customer, and nothing herein or in the contract executed hereunder is intended to benefit any third party or to impose any obligation on the Company to any such third party.

(T)
(T)
(T)
(T)
(T)

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

The Company will provide Aautomatically controlled unmetered 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.~~

(T)
(D)
(D)

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.

LIGHTING HOURS

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

(N)
(N)
(N)
(N)
(N)

NET MONTHLY BILL

Computed in accordance with the following charges:

- 1. Base Rate

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321-00271

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 64
Cancels and Supersedes
Original~~First~~ Revised Sheet No. 64
Page 2 of 14

All kWh \$0.0383050.043003 per kWh (I)

NET MONTHLY BILL (Contd.) (N)

Energy charge based on the following calculation: (N)

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

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

NET MONTHLY BILL (Contd.)

3. Monthly Maintenance, Fixture, and Pole, Pole Foundation, Brackets, and Wire Equipment Charges: (T)

I. Fixtures				Per Unit Per Month		
Billing Type	Description	Initial Lumens	Lamp Wattage	Monthly kWh	Fixture	Maintenance
LF-LED-50W-SL-BK-MW	50W-Standard-LED-BLACK	4,521	50	17	\$4.93	\$4.24
LF-LED-70W-SL-BK-MW	70W-Standard-LED-BLACK	6,261	70	24	\$4.92	\$4.24
LF-LED-110W-SL-BK-MW	110W-Standard-LED-BLACK	9,336	110	38	\$5.58	\$4.24
LF-LED-150W-SL-BK-MW	150W-Standard-LED-BLACK	12,642	150	52	\$7.39	\$4.24
LF-LED-220W-SL-BK-MW	220W-Standard-LED-BLACK	18,641	220	76	\$8.38	\$5.17
LF-LED-280W-SL-BK-MW	280W-Standard-LED-BLACK	24,191	280	97	\$10.31	\$5.17
LF-LED-50W-DA-BK-MW	50W-Deluxe-Acorn-LED-BLACK	5,147	50	17	\$14.38	\$4.24
LF-LED-50W-AC-BK-MW	50W-Acorn-LED-BLACK	5,147	50	17	\$12.96	\$4.24
LF-LED-50W-MB-BK-MW	50W-Mini-Bell-LED-BLACK	4,500	50	17	\$12.22	\$4.24
LF-LED-70W-BE-BK-MW	70W-Bell-LED-BLACK	5,508	70	24	\$15.56	\$4.24
LF-LED-50W-TR-BK-MW	50W-Traditional-LED-BLACK	3,230	50	17	\$9.39	\$4.24
LF-LED-50W-OT-BK-MW	50W-Open-Traditional-LED-BLACK	3,230	50	17	\$9.39	\$4.24
LF-LED-50W-EN-BK-MW	50W-Enterprise-LED-BLACK	3,880	50	17	\$12.62	\$4.24

Issued by authority of an Order of the Kentucky Public Service Commission dated October 2, 2018 _____ in Case No. 20179-00321-00271

Issued: October 11, 2018September 3, 2019

Effective: October 2, 2018October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 64
Cancels and Supersedes
Original~~First~~ Revised Sheet No. 64
Page 3 of 14

LF-LED-70W-ODA-BK-MW	70W LED Open-Deluxe-Acorn	6,500	70	24	\$14.02	\$4.24	(D)
LF-LED-150W-TD-BK-MW	150W LED Teardrop	12,500	150	52	\$18.83	\$4.24	(D)
LF-LED-50W-TDP-BK-MW	50W LED Teardrop-Pedestrian	4,500	50	17	\$15.28	\$4.24	(D)
220W-LED-SHOEBOX	220W LED Shoebox	18,500	220	76	\$13.04	\$5.17	(D)
LF-LED-50W-SL-BK-MW	LED-50W-4521 LUMENS STANDARD LED BLACK TYPE III 4000K	4,521	50	17	\$4.93	\$4.24	(D)
LF-LED-70W-SL-BK-MW	LED-70W-6261 LUMENS STANDARD LED BLACK TYPE III 4000K	6,261	70	24	\$4.92	\$4.24	(D)
LF-LED-110W-SL-BK-MW	LED-110W-9336 LUMENS STANDARD LED BLACK TYPE III 4000K	9,336	110	38	\$5.58	\$4.24	(D)
LF-LED-150W-SL-BK-MW	LED-150W-12642 LUMENS STANDARD LED BLACK TYPE III 4000K	12,642	150	52	\$7.39	\$4.24	(D)
LF-LED-150W-SL-IV-BK-MW	LED-150W-13156 LUMENS STANDARD LED TYPE IV BLACK 4000K	13,156	150	52	\$7.39	\$4.24	(D)
LF-LED-220W-SL-BK-MW	LED-220W-18642 LUMENS STANDARD LED BLACK TYPE III 4000K	18,642	220	76	\$8.38	\$5.17	(D)
I. Fixtures (Contd.)				Per-Unit Per-Month			(D)
Billing Type	Description	Initial Lumens	Lamp Wattage	Monthly kWh	Fixture	Maintenance	(D)
LF-LED-280W-SL-BK-MW	LED-280W-24191 LUMENS STANDARD LED BLACK TYPE III 4000K	24,191	280	97	\$10.31	\$5.17	(D)
LF-LED-50W-DA-BK-MW	LED-50W-DELUXE-ACORN-BLACK-TYPE-III-4000K	5,147	50	17	\$14.38	\$4.24	(D)
LF-LED-70W-ODA-BK-MW	LED-70W-OPEN-DELUXE-ACORN-BLACK-TYPE-III-4000K	6,500	70	24	\$14.02	\$4.24	(D)
LF-LED-50W-AC-BK-MW	LED-50W-ACORN-BLACK-TYPE-III-4000K	5,147	50	17	\$12.96	\$4.24	(D)
LF-LED-50W-MB-BK-MW	LED-50W-MINI-BELL-LED-BLACK-TYPE-III-4000K-MIDWEST	4,500	50	17	\$12.22	\$4.24	(D)
LF-LED-70W-BE-BK-MW	LED-70W-5508 LUMENS SANIBELL BLACK TYPE III 4000K	5,508	70	24	\$15.56	\$4.24	(D)
LF-LED-50W-TR-BK-MW	LED-50W-TRADITIONAL-BLACK-TYPE-III-4000K	3,303	50	17	\$9.39	\$4.24	(D)
LF-LED-50W-OT-BK-MW	LED-50W-OPEN-TRADITIONAL-BLACK-TYPE-III-4000K	3,230	50	17	\$9.39	\$4.24	(D)
LF-LED-50W-EN-BK-MW	LED-50W-ENTERPRISE-BLACK-TYPE-III-4000K	3,880	50	17	\$12.62	\$4.24	(D)
LF-LED-150W-TD-BK-MW	LED-150W-LARGE-TEARDROP-BLACK-TYPE-III-4000K	12,500	150	52	\$18.83	\$4.24	(D)
LF-LED-50W-TDP-BK-MW	LED-50W-TEARDROP-PEDESTRIAN-BLACK-TYPE-III-4000K	4,500	50	17	\$15.28	\$4.24	(D)

Issued by authority of an Order of the Kentucky Public Service Commission dated October 2, 2018 _____ in Case No. 20179-00321—00271

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 64
Cancels and Supersedes
Original~~First~~ Revised Sheet No. 64
Page 4 of 14

LF LED 220W-SB-BK-MW	LED 220W-SHOEBOX-BLACK-TYPE-IV-4000K	18,500	220	76	\$13.04	\$5.17	(D)
LF LED 150W-BE-BK-MW	150W-Sanibel	39,000	150	52	\$15.56	\$4.24	(D)
LF LED 420W-SB-BK-MW	420W-LED-Shoebox	39,078	420	146	\$19.46	\$5.17	(D)
LF LED 50W-NB-GY-MW	50W-Neighborhood	5,000	50	17	\$4.01	\$4.24	(D)
LF LED 50W-NBL-GY-MW	50W-Neighborhood-with-Lens	5,000	50	17	\$4.18	\$4.24	(D)
LED NB 50	50W-Neighborhood	5,000	50	17	\$4.50	\$4.76	(I)
LED NBL 50	50W-Neighborhood-with-Lens	5,000	50	17	\$4.69	\$4.76	(I)
LED RDW 50	50W-Standard-LED	4,521	50	17	\$5.53	\$4.76	(I)
LED RDW 70	70W-Standard-LED	6,261	70	24	\$5.52	\$4.76	(I)
LED RDW 110	110W-Standard-LED	9,336	110	38	\$6.26	\$4.76	(I)
LED RDW 150	150W-Standard-LED	12,642	150	52	\$8.30	\$4.76	(I)
LED RDW 220	220W-Standard-LED	18,642	220	76	\$9.41	\$5.80	(I)
LED RDW 280	280W-Standard-LED	24,191	280	97	\$11.57	\$5.80	(I)
LED ACS 50	50W-Acorn-LED	5,147	50	17	\$14.55	\$4.76	(I)
LED DA 50	50W-Deluxe-Acorn-LED	5,147	50	17	\$16.14	\$4.76	(I)
LED ODA 70	70W-LED-Open-Deluxe-Acorn	6,500	70	24	\$15.74	\$4.76	(I)
LED TR 50	50W-Traditional-LED	3,303	50	17	\$10.54	\$4.76	(I)
LED OT 50	50W-Open-Traditional-LED	3,230	50	17	\$10.54	\$4.76	(I)
LED MB 50	50W-Mini-Bell-LED	4,500	50	17	\$13.72	\$4.76	(I)
LED EN 50	50W-Enterprise-LED	3,880	50	17	\$14.17	\$4.76	(I)
LED SAN 70	70W-Sanibel-LED	5,508	70	24	\$17.47	\$4.76	(I)
I. Fixtures (Contd.)				Per Unit Per Month			(N)
Billing Type	Description	Initial Lumens	Lamp Wattage	Monthly kWh	Fixture	Maintenance	(N)
LED SAN 150	150W-Sanibel-LED	12,500	150	52	\$17.47	\$4.76	(I)
LED LD 150	150W-LED-Teardrop	12,500	150	52	\$21.14	\$4.76	(I)
LED LDP 50	50W-LED-Teardrop-Pedestrian	4,500	50	17	\$17.15	\$4.76	(I)
LED SBX 220	220W-LED-Shoebox	18,500	220	76	\$14.64	\$5.80	(I)
LED SBX 420	420W-LED-Shoebox	39,078	420	146	\$21.85	\$5.80	(I)
TBD	530W-LED-Shoebox	57,000	530	184	\$26.55	\$5.80	(I)
TBD	150W-Clermont-LED	12,500	150	52	\$25.19	\$4.76	(N)

Issued by authority of an Order of the Kentucky Public Service Commission dated October 2, 2018 _____ in Case No. 20179-00321-00271

Issued: ~~October 11, 2018~~September 3, 2019

Effective: ~~October 2, 2018~~October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 64
Cancels and Supersedes
Original~~First~~Revised Sheet No. 64
Page 6 of 14

15320-40FTALAB-OLE	40' AL Side Mounted Anchor Base	\$14.59	(D)
POLE-30-7	30' Class 7 Wood Pole	\$5.77	(D)
POLE-35-5	35' Class 5 Wood Pole	\$6.27	(D)
POLE-40-4	40' Class 4 Wood Pole	\$9.44	(D)
POLE-45-4	45' Class 4 Wood Pole	\$9.79	(D)
15210-20BRZSTL-OLE	20' Galleria Anchor Based Pole	\$8.32	(D)
15210-30BRZSTL-OLE	30' Galleria Anchor Based Pole	\$9.84	(D)
15210-35BRZSTL-OLE	35' Galleria Anchor Based Pole	\$28.29	(D)
LP-12-A-AL-AB-TT-BK-MW	MW Light Pole 12' MH Style A Aluminum Anchor Base Top Tenon Black	\$5.64	(D)
LP-12-A-AL-DB-TT-BK-MW	MW Light Pole Post Top 12' MH Style A Alum Direct Buried Top Tenon Black	\$4.83	(D)
LP-15-A-AL-AB-TT-BK-MW	Light Pole 15' MH Style A Aluminum Anchor Base Top Tenon Black	\$5.80	(D)
LP-15-A-AL-DB-TT-BK-MW	Light Pole 15' MH Style A Aluminum Direct Buried Top Tenon Black	\$5.02	(D)
LP-20-A-AL-AB-TT-BK-MW	Light Pole 20' MH Style A Aluminum Anchor Base Top Tenon Black	\$6.08	(D)
LP-20-A-AL-DB-TT-BK-MW	Light Pole 20' MH Style A Aluminum Direct Buried Top Tenon Black	\$9.32	(D)
LP-25-A-AL-AB-TT-BK-MW	Light Pole 25' MH Style A Aluminum Anchor Base Top Tenon Black	\$7.21	(D)
LP-25-A-AL-DB-TT-BK-MW	Light Pole 25' MH Style A Aluminum Direct Buried Top Tenon Black	\$10.39	(D)
LP-30-A-AL	Light Pole 30' MH Style A Aluminum Anchor Base Top Tenon Black	\$8.52	(D)

Issued by authority of an Order of the Kentucky Public Service Commission dated October 2, 2018 _____ in Case No. 20179-00321-00271

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 64
Cancels and Supersedes
Original~~First~~ Revised Sheet No. 64
Page 8 of 14

15210-20BRZSTL-OLE	MW-15210-Galleria Anchor Base-20FT-Bronze Steel-OLE	\$8.32	(D)
15210-30BRZSTL-OLE	MW-15210-Galleria Anchor Base-30FT-Bronze Steel-OLE	\$9.84	(D)
15210-35BRZSTL-OLE	MW-15210-Galleria Anchor Base-35FT-Bronze Steel-OLE	\$28.29	(D)
15310-40FTALEMB-OLE	MW-15310-35FT-MH-Aluminum-Direct-Embedded-Pole-OLE	\$15.74	(D)
15320-30FTALAB-OLE	MW-15320-30FT-Mounting-Height-Aluminum-Achor-Base-Pole-OLE	\$12.13	(D)
15320-35FTALAB-OLE	MW-15320-35FT-Mounting-Height-Aluminum-Achor-Base-Pole-OLE	\$11.80	(D)
15320-40FTALAB-OLE	MW-15320-40FT-Mounting-Height-Aluminum-Achor-Base-Pole-OLE	\$14.59	(D)
POLE-30-7	MW-POLE-30-7	\$5.77	(D)
POLE-35-5	MW-POLE-35-5	\$6.27	(D)
POLE-40-4	MW-POLE-40-4	\$9.44	(D)
POLE-45-4	MW-POLE-45-4	\$9.79	(D)
A12A	Style A 12 Ft Long Anchor Base Top Tenon Aluminum	\$6.33	(L)
A15D	Style A 15 Ft Long Direct Buried Top Tenon Aluminum	\$5.42	(L)
A15A	Style A 15 Ft Long Anchor Base Top Tenon Aluminum	\$6.51	(L)
A18D	Style A 18 Ft Long Direct Buried Top Tenon Aluminum	\$5.64	(L)
A17A	Style A 17 Ft Long Anchor Base Top Tenon Aluminum	\$6.83	(L)
A25D	Style A 25 Ft Long Direct Buried Top Tenon Aluminum	\$10.46	(L)
A22A	Style A 22 Ft Long Anchor Base Top Tenon Aluminum	\$8.09	(L)
A30D	Style A 30 Ft Long Direct Buried Top Tenon Aluminum	\$11.66	(L)
A27A	Style A 27 Ft Long Anchor Base Top Tenon Aluminum	\$9.56	(L)
II. Poles (Contd.)			(N)
<u>Billing Type</u>	<u>Description</u>	<u>Charge per Month per Unit</u>	(N)

Issued by authority of an Order of the Kentucky Public Service Commission dated October 2, 2018 _____ in Case No. 20179-00321-00271

Issued: October 11, 2018September 3, 2019

Effective: October 2, 2018October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 64
Cancels and Supersedes
Original~~First~~ Revised Sheet No. 64
Page 9 of 14

<u>A35D</u>	<u>Style A 35 Ft Long Direct Buried Top Tenon Aluminum</u>	<u>\$12.98</u>	(I)
<u>A32A</u>	<u>Style A 32 Ft Long Anchor Base Top Tenon Aluminum</u>	<u>\$11.05</u>	(I)
<u>A41D</u>	<u>Style A 41 Ft Long Direct Buried Top Tenon Aluminum</u>	<u>\$14.02</u>	(I)
<u>A12B</u>	<u>Style B 12 Ft Long Anchor Base Post Top Aluminum</u>	<u>\$7.71</u>	(I)
<u>A12C</u>	<u>Style C 12 Ft Long Anchor Base Post Top Aluminum</u>	<u>\$10.44</u>	(I)
<u>S12V</u>	<u>Style C 12 Ft Long Anchor Base Davit Steel</u>	<u>\$10.44</u>	(I)
<u>S14C</u>	<u>Style C 14 Ft Long Anchor Base Top Tenon Steel</u>	<u>\$11.19</u>	(I)
<u>S21V</u>	<u>Style C 21 Ft Long Anchor Base Davit Steel</u>	<u>\$27.46</u>	(I)
<u>S23C</u>	<u>Style C 23 Ft Long Anchor Base Boston Harbor Steel</u>	<u>\$27.76</u>	(I)
<u>A12R</u>	<u>Style D 12 Ft Long Anchor Base Breakaway Aluminum</u>	<u>\$10.34</u>	(I)
<u>A12E</u>	<u>Style E 12 Ft Long Anchor Base Post Top Aluminum</u>	<u>\$10.44</u>	(I)
<u>A12I</u>	<u>Style F 12 Ft Long Anchor Base Post Top Aluminum</u>	<u>\$11.18</u>	(I)
<u>A39T</u>	<u>Legacy Style 39 Ft Direct Buried Single or Twin Side Mount Aluminum Satin Finish</u>	<u>\$17.67</u>	(I)
<u>A27S</u>	<u>Legacy Style 27 Ft Long Anchor Base Side Mount Aluminum Pole Satin Finish Breakaway</u>	<u>\$13.62</u>	(I)
<u>A33S</u>	<u>Legacy Style 33 Ft Long Anchor Base Side Mount Aluminum Pole Satin Finish Breakaway</u>	<u>\$13.25</u>	(I)
<u>A37S</u>	<u>Legacy Style 37 Ft Long Anchor Base Side Mount Aluminum Pole Satin Finish</u>	<u>\$16.38</u>	(I)
<u>W30</u>	<u>30' Class 7 Wood Pole</u>	<u>\$6.48</u>	(I)
<u>W35</u>	<u>35' Class 5 Wood Pole</u>	<u>\$7.04</u>	(I)
<u>W40</u>	<u>40' Class 4 Wood Pole</u>	<u>\$10.60</u>	(I)
<u>W45</u>	<u>45' Class 4 Wood Pole</u>	<u>\$10.99</u>	(I)
<u>TBD</u>	<u>15' Style A - Fluted - for Shroud - Aluminum Direct Buried Pole</u>	<u>\$5.08</u>	(N)
<u>TBD</u>	<u>20' Style A - Fluted - for Shroud - Aluminum Direct Buried Pole</u>	<u>\$5.66</u>	(N)
<u>TBD</u>	<u>15' Style A - Smooth - for Shroud - Aluminum Direct Buried Pole</u>	<u>\$3.35</u>	(N)
<u>TBD</u>	<u>20' Style A - Smooth - for Shroud - Aluminum Direct Buried Pole</u>	<u>\$5.22</u>	(N)
<u>TBD</u>	<u>Shroud - Standard Style for anchor base poles</u>	<u>\$2.45</u>	(N)
<u>TBD</u>	<u>Shroud - Style B Pole for smooth and fluted poles</u>	<u>\$2.30</u>	(N)
<u>TBD</u>	<u>Shroud - Style C Pole for smooth and fluted poles</u>	<u>\$2.21</u>	(N)
<u>TBD</u>	<u>Shroud - Style D Pole for smooth and fluted poles</u>	<u>\$2.38</u>	(N)
<u>III. Pole Foundations</u>			(N)

Issued by authority of an Order of the Kentucky Public Service Commission dated October 2, 2018 _____ in Case No. 20179-00321—00271

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 64
Cancels and Supersedes
OriginalFirst Revised Sheet No. 64
Page 12 of 14

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

(T)
(T)

OWNERSHIP OF SERVICE LINES (Contd.)

(T)

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

The 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 ~~e~~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.

(D)
(T)

TERMS OF SERVICE

1. Service under this rate schedule shall be for a minimum initial term of ten (10) years from the commencement of service and shall continue thereafter until terminated by either party by sixty (60) days written notice or to termination. Upon early termination of service under this schedule, the customer shall pay an amount equal to the remaining monthly lease amount for the term of contract, ~~applicable Customer Charges~~ and removal cost of the facilities.

(T)
(T)
(T)

Special Provisions:

(D)

~~1. The customer shall execute a contract on the Company's standard filed contract form for service under this rate schedule.~~

(D)
(D)

2. Where the Company provides a LED fixture, ~~or pole type or equipment~~ other than those listed above, the monthly charges, as applicable shall be computed as follows:

(T)

I. Fixture

- a. Fixture Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.
- b. Maintenance Charge: Based on the Company's average cost of performing maintenance on lighting equipment.

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321-00271

Issued: ~~October 11, 2018~~September 3, 2019

Effective: ~~October 2, 2018~~October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 64
Cancels and Supersedes
OriginalFirst Revised Sheet No. 64
Page 13 of 14

- II. Pole
- a. Pole Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.

III. Other Equipment

- a. Equipment Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.

3. The customer shall be responsible for the cost incurred to repair or replace any fixture or pole which has been willfully damaged. The Company shall not be required to make such repair or replacement or to make payment to the customer for damage.

TERMS OF SERVICE (Contd.)

4. KWh consumption for Company-owned fixtures shall be estimated in lieu of installing meters. Monthly kWh estimates will be made using the following formula:
$$\text{kWh} = \text{Unit Wattage} \times (4160 \text{ hours per year} / 12 \text{ months}) / 1,000$$
~~For equipment not listed above?~~
- ~~5. kWh consumption for customer-owned fixtures shall be metered. Installation of customer-owned lighting facilities shall be provided for by the customer.~~
65. No Pole Charge shall be applicable for a fixture installed on a company-owned pole which is utilized for other general electrical distribution purposes.
76. The Company will repair or replace malfunctioning lighting fixtures maintained by the Company.
87. For a fixture type restricted to existing installations and requiring major renovation or replacement, the fixture shall be replaced by an available similar non-restricted LED fixture of the customer's choosing and the customer shall commence being billed at its appropriate rate.
98. The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities.
109. All new leased LED lighting shall be installed on poles owned by the Company.
140. Alterations to leased LED lighting facilities requested by the customer after date of installation (i.e. redirect, install shields, etc.), will be billed to the customer in accordance with the

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-
00321-00271

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 64
Cancels and Supersedes
Original~~First~~ Revised Sheet No. 64
Page 14 of 14

Company's policy.

- 12~~1~~. Service for street or area lighting is normally provided from existing distribution facilities. Where suitable distribution facilities do not exist, it will be the customer's responsibility to pay for necessary additional facilities either at cost upfront or monthly as described below. (N)
- ~~12.~~ The Company will normally install service in accordance with the Electric Service Regulations for the facilities required to supply electric service to the customer. For Lighting installations requiring investments exceeding the Company's standards and where additional facilities are required as discussed above, lighting customer must pay the cost of the additional facility investment upfront or 1.0117% of the cost of the additional facility investment amount monthly. (N)
(N)
(N)
(N)
(N)
- 13. For available LEDs, the customer may opt to make an initial, one-time payment of 50% of the installed cost of fixtures rated greater than 200 Watts and/or poles other than standard wood poles, to reduce the Company's installed cost, therefore reducing their monthly rental rates for such fixtures and poles. If a customer chooses this option, the monthly fixture and/or pole charge shall be computed as the reduced installed cost times the corresponding monthly percentage in 2.I.(a) and/or 2.II above. (D)

SERVICE REGULATIONS

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

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321-~~00271~~

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 66
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 66
Page 1 of 4

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 2017-9-
00321271.

~~Issued: April 30, 2018~~ September 3, 2019

~~Effective: April 14, 2018~~ October 3, 2019

~~Issued by James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 ~~Olympic Blvd~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 66
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 66
Page 2 of 4

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	\$9.4210.58	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$7.328.22	(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	\$17.4619.26	(I)

The cable span charge of \$0.7786 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	\$7.268.15	(I)
b. 2,500 lumen Mercury Vapor	100	0.109	453	\$6.877.71	(I)
c. 21,000 lumen Mercury Vapor	400	0.460	1,914	\$10.8912.23	(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	\$5.566.24	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$7.077.94	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 _____ in Case No. 20179-00321271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by James P. Henning ~~Amy B. Spiller~~, President /s/
James P. Henning ~~Amy B. Spiller~~

Duke Energy Kentucky, Inc.
4580 ~~Olympic Blvd.~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 66
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 66
Page 3 of 4

NET MONTHLY BILL (Contd.)

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

(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.
- (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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-
00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd. 1262 Cox Road~~
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 66
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 66
Page 4 of 4

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 ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

~~Issued: April 30, 2018~~September 3, 2019

~~Effective: April 14, 2018~~October 3, 2019

~~Issued by James P. Henning~~Amy B. Spiller, President /s/
~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 68
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 68
Page 1 of 4

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 Watts	kW/Unit	Annual kWh	Rate/Unit	
Fixture Description					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	\$ 4,284.80	(I)
10,000 lumen	250	0.275	1,144	\$ 5,456.12	(I)
21,000 lumen	400	0.430	1,789	\$ 7,568.49	(I)
Metal Halide					
14,000 lumen	175	0.193	803	\$ 4,284.80	(I)
20,500 lumen	250	0.275	1,144	\$ 5,456.12	(I)
36,000 lumen	400	0.430	1,789	\$ 7,568.49	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018, _____ in Case No. 20179-00321-271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
James P. Henning Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 68
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 68
Page 2 of 4

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	\$ <u>5.155.78</u>	(I)
16,000 lumen	150	0.171	711	\$ <u>5.746.44</u>	(I)
22,000 lumen	200	0.228	948	\$ <u>6.317.08</u>	(I)
27,500 lumen	250	0.228	948	\$ <u>6.317.08</u>	(I)
50,000 lumen	400	0.471	1,959	\$ <u>8.549.59</u>	(I)
Decorative Fixture					
Mercury Vapor					
7,000 lumen (Holophane)	175	0.210	874	\$ <u>5.446.11</u>	(I)
7,000 lumen (Town & Country)	175	0.205	853	\$ <u>5.396.05</u>	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ <u>5.446.11</u>	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ <u>5.446.11</u>	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ <u>5.396.05</u>	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ <u>5.446.11</u>	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ <u>5.446.11</u>	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$ <u>5.075.69</u>	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ <u>5.075.69</u>	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ <u>5.295.94</u>	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ <u>5.075.69</u>	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ <u>5.295.94</u>	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ <u>5.295.94</u>	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ <u>5.295.94</u>	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ <u>6.687.50</u>	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ <u>8.849.92</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.

<u>Pole Description</u>	<u>Pole Type</u>	<u>Rate/Pole</u>	
Wood			
30 foot	W30	\$ <u>4.444.98</u>	(I)
35 foot	W35	\$ <u>4.505.05</u>	(I)
40 foot	W40	\$ <u>5.396.05</u>	(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated April 13, 2018 _____ in Case No. 2017-9-00321-271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 68
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 68
Page 3 of 4

NET MONTHLY BILL (Contd.)

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be \$0.038305043003 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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-
00321-271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by James P. Henning ~~Amy B. Spiller~~, President /s/

~~James P. Henning~~ ~~Amy B. Spiller~~

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~^{Ninth} Revised Sheet No. 68
Cancels and Supersedes
~~Seventh~~^{Eighth} Revised Sheet No. 68
Page 4 of 4

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-
~~00321-271~~.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd-1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 69
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 69
Page 1 of 4

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:

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-
00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/
~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 69
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 69
Page 2 of 4

NET MONTHLY BILL (Contd.)

1. Base Rate

Fixture Description	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
Decorative Fixtures					
<u>Mercury Vapor</u>					
7,000 lumen (Town & Country)	175	0.205	853	\$ 7.458.36	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 7.488.40	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 7.488.40	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 7.488.40	(I)
<u>Metal Halide</u>					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 7.458.36	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 7.488.40	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 7.488.40	(I)
<u>Sodium Vapor</u>					
9,500 lumen (Town & Country)	100	0.117	487	\$ 8.129.12	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 8.239.24	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 8.129.12	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 8.229.23	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 8.229.23	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 8.129.12	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 8.229.23	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$11.6713.10	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$15.4417.33	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$15.4417.33	(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

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/

~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 69
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 69
Page 3 of 4

TERM OF SERVICE

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

GENERAL CONDITIONS

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

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

- (6) When a 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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-
00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/

~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 69
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 69
Page 4 of 4

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 ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/
~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 70
 Cancels and Supersedes
~~Original~~First Revised Sheet No. 70
 Page 1 of 2

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,

Issued by authority of an Order by the Kentucky Public Service
 Commission dated April 13, 2018, _____ in Case No. 20179-00321271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~First~~ Second Revised Sheet No. 70
 Cancels and Supersedes
~~Original~~ First Revised Sheet No. 70
 Page 2 of 2

RATE (Contd.)

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.

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 April 13, 2018 in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Second-Third~~ Revised Sheet No. 71
Cancels and Supersedes
~~First-Second~~ Revised Sheet No. 71
Page 1 of 1

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2018

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 72
Cancels and Supersedes
~~First~~Second Revised Sheet No. 72
Page 1 of 1

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 73
Cancels and Supersedes
~~First~~Second Revised Sheet No. 73
Page 1 of 2

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 installation, operation, maintenance, testing, replacement or removal.

(+)
(+)
(+)
(+)
(+)

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-00321-271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by James P. Henning ~~Amy B. Spiller~~, President /s/ James P. Henning ~~Amy B. Spiller~~

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 73
Cancels and Supersedes
~~First~~Second Revised Sheet No. 73
Page 2 of 2

OFF PEAK PROVISION (Contd.)

- 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.

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 April 13, 2018 in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 ~~Olympic Blvd~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 74
Cancels and Supersedes
~~Original~~First Revised Sheet No. 74
Page 1 of 2

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.

Issued by authority of an Order by the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 74
Cancels and Supersedes
~~Original~~First Revised Sheet No. 74
Page 1 of 2

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 April 13, 2018 in Case No. 20179-00324271.
Issued: ~~April 30, 2018~~September 3, 2019
Effective: ~~April 14, 2018~~October 3, 2019
Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 ~~Olympic Blvd.~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 75
Cancels and Supersedes
~~Original~~First Revised Sheet No. 75
Page 1 of 4

RIDER DSM

DEMAND SIDE MANAGEMENT COST RECOVERY RIDER

APPLICABILITY

Applicable to service rendered under the provisions of Rates RS (residential class), DS, DP, DT, EH, GS-FL, SP, and TT (non-residential class).

CHARGES

The monthly amount computed under each of the rate schedules to which this rider is applicable shall be increased or decreased by the DSM Charge at a rate per kilowatt-hour of monthly consumption and, where applicable, a rate per kilowatt of monthly billing demand, in accordance with the following formula:

$$\text{DSM Charge} = \text{PC} + \text{LR} + \text{PI} + \text{BA}$$

Where: **PC = DSM PROGRAM COST RECOVERY.** For each twelve month period, the PC shall include all expected costs for demand-side management programs which have been approved by a collaborative process. Such program costs shall include the cost of planning, developing, implementing, monitoring, and evaluating DSM programs. Program costs will be assigned for recovery purposes to the rate classes whose customers are directly participating in the program. In addition, all costs incurred by or on behalf of the collaborative process, including but not limited to costs for consultants, employees and administrative expenses, will be recovered through the PC. Administrative costs that are allocable to more than one rate class will be recovered from those classes and allocated by rate class on the basis of the estimated avoided capacity and energy costs resulting from each program.

The PC applicable to the residential class shall be determined by dividing the cost of approved programs allocated or assigned to the residential class by the expected kilowatt-hour sales for the upcoming twelve-month period. The cost of approved programs assigned or allocated to the non-residential class shall be allocated as either demand-related or energy-related based on the respective percentage of avoided capacity cost or avoided energy cost to the total avoided cost estimated in the determination of the net resource savings for the program. For purposes of this tariff, net resource savings are defined as program benefits less the cost of the program, where program benefits will be calculated on the basis of the present value of the Company's avoided costs over the expected life of the program, and will include both capacity and energy savings. The demand-related program costs thus determined shall be divided by the expected billing demand in kilowatt-months for the upcoming twelve-month period to determine the demand-related PC. The associated energy-related program costs shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the energy-related PC for such rate class.

Issued by authority of an Order of the Kentucky Public Service
Commission dated December 21, 2006 _____ in Case No. 200619-00172271.

Issued: ~~September 29, 2010~~ September 3, 2019

Effective: ~~September 30, 2010~~ October 3, 2019

Issued by ~~Julie Janson~~ Amy B. Spiller, President /s/ ~~Julie Janson~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 75
Cancels and Supersedes
~~Original~~First Revised Sheet No. 75
Page 2 of 4

LR = LOST REVENUE FROM LOST SALES RECOVERY. Revenues from lost sales due to DSM programs will be recovered through the decoupling of revenues from actual sales of the residential class. At the end of each twelve-month period after implementation of the DSM Charge, the non-variable revenue requirement (total revenue requirement less variable costs) for the residential class for ULH&P's most recent twelve month period will be adjusted to reflect changes in the number of customers and the usage per customer as follows: (1) the non-variable revenue requirement will be multiplied by the factor obtained by dividing the twelve month average number of customers at the end of the current twelve-month period by the twelve month average number of residential customers at the end of the twelve-month period ending December 1994, and (2) the non-variable revenue requirement will be multiplied by a factor "F_g" calculated by the following formula:

$$F_g = (1 + g)^{n/12}$$

Where: g = Growth factor - recalculated annually based on the most recent eleven years of actual customer data. Initially [g] shall be set at 0.0175; and
n = the number of months from December 1994 to the end of the current twelve-month period.

At the end of each twelve-month period after implementation of the DSM Charge, the difference between the actual non-variable revenue billed during the twelve-month period and the adjusted non-variable revenue requirement, as described above, will be determined. This difference ("LR amount established for the twelve-month period") will be divided by the estimated kilowatt-hour sales for the upcoming twelve-month period to determine the LR for the residential class.

The LR applicable to the non-residential class shall be computed by 1) multiplying the amount of kilowatt-hour sales and, where applicable, the kilowatt-months of billing demand that will be lost for each twelve-month period as a result of the implementation of the approved programs times the energy charge for the applicable rate schedule, less the variable cost included in the charge, and the demand charges, respectively; and, 2) dividing that product by the expected kilowatt-hour sales or expected billing demand in kilowatt-months for the upcoming twelve-month period. The lost revenue attributable to decreased sales to the non-residential class due to approved programs will be calculated through estimates agreed upon by the collaborative process, which may include engineering estimates, of the level of decreased kilowatt-hour energy sales and billing demand in kilowatt-months. Recovery of revenues from lost sales calculated for a twelve-month period for non-residential rate classes shall be included in the LR until January 1, 2000 or until terminated by the implementation of new rates pursuant to a general rate case, whichever comes first. Revenues from lost sales will be assigned for recovery purposes to the rate classes whose programs resulted in the lost sales.

Issued by authority of an Order of the Kentucky Public Service
Commission dated December 21, 2006 _____ in Case No. 200619-00172271.

Issued: ~~September 29, 2010~~September 3, 2019

Effective: ~~September 30, 2010~~October 3, 2019

Issued by ~~Julie Janson~~Amy B. Spiller, President /s/ ~~Julie Janson~~Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 75
Cancels and Supersedes
~~Original~~First Revised Sheet No. 75
Page 3 of 4

PI = DSM PROGRAM INCENTIVE RECOVERY. The DSM Program Incentive (PI) amount shall be computed by multiplying the net resource savings expected from the approved programs which are to be installed during the upcoming twelve-month period times fifteen (15) percent. Net resource savings are defined as program benefits less the cost of the program, where program benefits will be calculated on the basis of the present value of the Company's avoided costs over the expected life of the program, and will include both capacity and energy savings. The DSM incentive amount related to programs for the residential class shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the PI for that rate class. The PI amount related to programs for the non-residential class rates shall be allocated as either demand-related or energy-related in the same manner as program costs are allocated as demand- or energy related. The demand-related PI amount thus determined shall be divided by the expected billing demand in kilowatt-months for the upcoming twelve-month period to determine the demand-related PI. Similarly, the energy-related incentive amount thus determined shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the energy-related PI for such rate class. DSM incentive amounts will be assigned for recovery purposes to the rate classes whose programs created the incentive.

BA = DSM BALANCE ADJUSTMENT. The BA is used to reconcile the difference between the amount of revenues actually billed through the respective DSM Charge components; namely, the PC, LR, and PI and previous application of the BA and the revenues which should have been billed, as follows:

- (1) For the PC, the balance adjustment amount will be the difference between the amount billed in a twelve-month period from the application of the PC unit charge and the actual cost of the approved programs during the same twelve-month period.
- (2) For the LR applicable to the residential class, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from the application of the LR unit charge and the LR amount established for the same twelve-month period.

For the LR applicable to the non-residential class, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from application of the LR unit charge and the amount of lost revenues determined for the actual DSM program, or measures implemented during the twelve-month period.

- (3) For the PI, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from application of the PI unit charge and the incentive amount determined for the actual DSM program, or measures implemented during the twelve-month period.
- (4) For the BA, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from application of the BA and the balance adjustment amount established for the same twelve-month period.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~December 21, 2006~~ in Case No. 200619-00472271.

Issued: ~~September 29, 2010~~ September 3, 2019

Effective: ~~September 30, 2010~~ October 3, 2019

Issued by ~~Julie Janson~~ Amy B. Spiller, President /s/ ~~Julie Janson~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~First~~Second Revised Sheet No. 75
Cancels and Supersedes
~~Original~~First Revised Sheet No. 75
Page 4 of 4

BA = DSM BALANCE ADJUSTMENT (Cont.d)

For the non-residential class, balance adjustment amounts will be separated into both demand and energy-related components. The balance adjustment amounts determined above shall include interest. The interest applied to the monthly amounts, shall be calculated at a rate equal to the average of the "3-month Commercial Paper Rate" for the immediately preceding 12-month period. The total of the demand-related balance adjustment amounts, plus interest, shall be divided by the expected billing demand in kilowatt-months for the upcoming twelve-month period to determine the demand-related BA, while the total of the energy-related balance adjustment amounts shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the energy-related BA. DSM balance adjustment amounts will be assigned for recovery purposes to the rate classes to which over or under-recoveries of DSM amounts were realized.

All costs recovered through the DSM Charge will be assigned or allocated to Duke Energy Kentucky, Inc.'s electric or gas customers on the basis of the estimated net electric or gas resource savings resulting from each program.

DSM CHARGE FILINGS

The filing of modifications to the DSM Charge shall be made at least thirty days prior to the beginning of the effective period for billing. Each filing will include the following information as needed:

- (1) A detailed description of each DSM program developed by the collaborative process, the total cost of each program over the twelve-month period, an analysis of expected resource savings, information concerning the specific DSM or efficiency measures to be installed, and any applicable studies which have been performed, as available.
- (2) A statement setting forth the detailed calculation of each component of the DSM Charge.

Each change in the DSM Charge shall be applied to customers' bills with the first billing cycle of the revenue month which coincides with, or is subsequent to, the effective date of such change.

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. 200619-00472271.

Issued: ~~September 29, 2010~~September 3, 2019

Effective: ~~September 30, 2010~~October 3, 2019

Issued by ~~Julie Janson~~Amy B. Spiller, President /s/ ~~Julie Janson~~Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 77
Cancels and Supersedes
~~First~~Second Revised Sheet No. 77
Page 1 of 3

RIDER PLM

PEAK LOAD MANAGEMENT PROGRAM

AVAILABILITY

Applicable to Customers served under Rate DS, Rate DT, Rate DP, Rate TT, or Special Contracts. Customers whose billing period maximum 15-minute demands are less than 500 kilowatts will be eligible to participate in the Program by paying the incremental cost of installing the required metering. Customers must enter into a service agreement.

PROGRAM DESCRIPTION

The PLM Program is voluntary and offers Customers the opportunity to reduce their electric costs by managing their electric usage during Company's peak load periods. Customer and Company will enter into a service agreement under this Rider which will specify the terms and conditions under which Customer agrees to reduce usage.

SERVICE OPTIONS

Customers may elect to participate in a PLM service option by either choosing to:

- a) reduce demand to a specified amount,
- b) reduce energy usage below their baseline, or
- c) sell the output of any Customer owned self generation to Company.

Upon approval of Company, Customers will have the choice to aggregate electric loads at multiple sites under the PLM Program.

The specific hours for the PLM service option will be mutually agreed upon between Customer and Company and specified in the service agreement.

Buy-through energy is the incremental energy the Customer has decided to purchase in lieu of managing their electric demand or energy usage as agreed upon between the Customer and the Company.

Demand Reduction Option

Customers served under the Standard Rate DS, Rate DT, Rate DP or Rate TT electing this option agree, upon notification by Company, to limit their demand to a Firm Load Level. Customer and Company will mutually agree on the amount of demand reduction, the conditions under which a request for reduction can be issued and the mechanism to be used to verify compliance. Based upon these factors, Company will establish a bill credit to be given to Customer and the structure of the bill credit. The value of the bill credit will take into consideration the projected avoided cost of firm capacity and energy, any bill savings from reducing load under the applicable Standard Rates or and program administrative costs.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~December 21, 2006~~ in Case No. 200619-00472271.

~~Issued: September 29, 2010~~ September 3, 2019

~~Effective: September 30, 2010~~ October 3, 2019

~~Issued by Julie Janson~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 ~~Olympic Blvd.~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 77
Cancels and Supersedes
~~First~~Second Revised Sheet No. 77
Page 2 of 3

Demand Reduction Option (Contd.)

Company will provide buy-through energy, if available, to be billed based on price quotes (Buy-through Quotes) provided to Customer. Such Buy-through Quotes will include a) applicable transmission and distribution charges, generation charges based on out-of-pocket cost plus 10% and all applicable Riders and taxes included in the Standard Rate. Customer will be billed for all usage above the Firm Load Level at such Buy-through Quotes. If buy-through energy is not available and Customer fails to reduce its usage to the Firm Load Level, Customer will be billed for all usage above the Firm Load Level at \$10.00 per kilowatt-hour.

Energy Reduction Below Baseline

Customers served under the Standard Rate DS, Rate DT, Rate DP or Rate TT electing this option agree, upon notification by Company, to reduce energy usage below their Baseline Level. Reductions below the Baseline Level during such periods will be credited at the Energy Buy-Back Price Quotes (Price Quotes) provided to Customer by Company. Customer and Company will mutually agree upon a) the conditions under which such Price Quotes will be in effect, b) the time period by which Company will provide such Price Quotes to Customer and c) the time duration such Price Quotes will be in effect. The determination of such Price Quotes will take into consideration the projected avoided cost of energy, any bill savings from reducing load under the applicable Standard Rates and program administrative costs.

Customer will agree to provide Company with an estimate of the amount of load reduction to be provided during such periods. The Baseline Level must be mutually agreeable to both the Customer and the Company as representing the Customer's normal usage level during the time period that a notification could be given.

Generation Sell Back

Customers served under the Standard Rate DS, Rate DT, Rate DP or Rate TT electing this option, agree upon notification by Company, to sell the output of their electric generator to Company. Customer and Company will mutually agree on the amount of generation to be sold back and the conditions under which a request to run the generator can be issued. Based upon these factors, Company will establish a bill credit to be given to Customer and the structure of the bill credit. The value of bill credit will be take into consideration projected avoided cost of firm capacity and energy and program administrative costs.

Suitable metering will be installed either by Customer or Company to measure the energy output of the Generator. Customer will provide suitable access and a suitable location for the installation of such metering equipment.

During such time period that the electrical output of the generator is being sold back to Company, the meter readings that are normally used to bill the Customer shall be adjusted by adding back the measured output of the generator.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~December 21, 2006~~ in Case No. 200619-00172271.

Issued: ~~September 29, 2010~~September 3, 2019

Effective: ~~September 30, 2010~~October 3, 2019

Issued by ~~Julie Janson~~Amy B. Spiller, President /s/ James P. HenningAmy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 77
Cancels and Supersedes
First~~Second~~ Revised Sheet No. 77
Page 3 of 3

BILLING UNDER STANDARD RATES

Customers served under Rates DS, Rate DT, Rate DP or Rate TT will be billed for all demand and energy used under the terms and conditions and at the rates and charges of the applicable Standard Rate. In addition, Customers will receive credits on their electric bill for participation in the PLM Program based upon the elected Service Option and outlined in the PLM service agreement.

PROGRAM EQUIPMENT

Company will provide Internet based communication software to be used to provide Customer with the Buy-through and Price Quotes. Customer will be responsible for providing its own Internet access.

Customer may purchase from either Company or other third-party suppliers any other necessary equipment or software packages to facilitate participation in this PLM Program. While Customers are encouraged to use such equipment or software packages to maximize benefits under this PLM 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.

CUSTOMER GENERATION

Customers electing to operate a Generator in parallel with Company's electric system will operate the Generator in such a manner as not to cause undue fluctuations in voltage, harmonic disturbances, intermittent load characteristics or otherwise interfere with the operation of Company's electric system. Company will grant such permission only in cases where it is satisfied that such parallel operation is practicable and without interference or probability of interference with the ability of Company to render adequate service to its other Customers.

TERM AND CONDITIONS

Except as provided in this Rider PLM, all terms, conditions, rates, and charges outlined in the applicable Standard Rates will apply.

Any interruptions or reductions in electric service caused by outages of Company's facilities, other than as provided under the PLM Program, will not be deemed a Curtailment Period under this PLM Program. Agreements under the PLM Program will in no way affect Customer's or Company's respective obligations regarding the rendering of and payment for electric service under the applicable electric tariff and its applicable rate schedules. It will be Customer's responsibility to monitor and control their demand and energy usage before, during, and after a notice period under this Rider.

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 ~~December 21, 2006~~ in Case No. ~~200619-00172271~~.

Issued: ~~September 29, 2010~~ September 3, 2019

Effective: ~~September 30, 2010~~ October 3, 2019

Issued by ~~Julie Janson~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Twenty-Fourth~~Fifth Revised Sheet No. 78
Cancels and Supersedes
~~Twenty-Third~~Fourth Revised Sheet No. 78
Page 1 of 1

RIDER DSMR

DEMAND SIDE MANAGEMENT RATE

The Demand Side Management Rate (DSMR) shall be determined in accordance with the provisions of Rider DSM, Demand Side Management Cost Recovery Rider, Sheet No. 75 of this Tariff.

The DSMR to be applied to residential customer bills is (\$0.000061) per kilowatt-hour.

~~(R)~~

A Home Energy Assistance Program (HEA) charge of \$0.10 will be applied monthly to residential customer bills through December 2020.

The DSMR to be applied to non-residential distribution service customer bills is \$0.005024 per kilowatt-hour.

The DSMR to be applied for transmission service customer bills is \$0.000637 per kilowatt-hour.

Issued by authority of an Order by the Kentucky Public Service
Commission dated ~~December 13, 2018~~ _____ in Case No. 20189-00370271.

Issued: ~~June 10, 2019~~September 3, 2019
Effective: ~~June 7, 2019~~October 3, 2019
Issued by Amy B. Spiller, President /s/ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 79
Cancels and Supersedes
First~~Second~~ Revised Sheet No. 79
Page 1 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-00321271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by James P. Henning ~~Amy B. Spiller~~, President /s/ James P. Henning ~~Amy B. Spiller~~

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Second~~ Third Revised Sheet No. 79
Cancels and Supersedes
~~First~~ Second Revised Sheet No. 79
Page 2 of 2

SPECIAL TERMS AND CONDITIONS (Contd.)

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.
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 by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-00321271.

Issued: April 30, 2018 September 3, 2019

Effective: April 14, 2018 October 3, 2019

Issued by James P. Henning Amy B. Spiller, President /s/ James P. Henning Amy B. Spiller

Duke Energy Kentucky
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 80
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 80
Page 1 of 2

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-
00321271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by James P. Henning ~~Amy B. Spiller~~, President /s/ James
P. Henning ~~Amy B. Spiller~~

Duke Energy Kentucky
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
~~Eighth~~Ninth Revised Sheet No. 80
Cancels and Supersedes
~~Seventh~~Eighth Revised Sheet No. 80
Page 2 of 2

AVAILABILITY OF SERVICE (Contd.)

- (e) The native portion of fuel-related costs charged to the Company by PJM Interconnection LLC including but not limited to those costs identified in the following Billing Line Items, as may be amended from time to time by PJM Interconnection LLC: Billing Line Items 1210, 2210, 1215, 1218, 2217, 2218, 1230, 1250, 1260, 2260, 1370, 2370, 1375, 2375, 1400, 1410, 1420, 1430, 1478, 1340, 2340, 1460, 1350, 2350, 1360, 2360, 1470, 1377, 2377, 1480, 1378, 2378, 1490, 1500, 2420, 2220, 1200, 1205, 1220, 1225, 2500, 2510, 1930, 2211, 2215, 2415 and 2930. (N)
- (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. (N)
- (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. (N)

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

Add:

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

Subtract:

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-
0032+271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James
P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
Fifty-FourthFifth Revised Sheet No 82
Cancels and Supersedes
Fifty-ThirdFourth Revised Sheet No 82
Page 1 of 3

**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 June 2019. (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.

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

where:

OSS= Net proceeds from off-system power sales.

Includes the non-native portion of fuel-related costs charged to the Company by PJM Interconnection LLC including but not limited to those costs identified in the following Billing Line Items, as may be amended from time to time by PJM Interconnection LLC: Billing Line Items 1210, 2210, 1215, 1218, 2217, 2218, 1230, 1250, 1260, 2260, 1370, 2370, 1375, 2375, 1400, 1410, 1420, 1430, 1478, 1340, 2340, 1460, 1350, 2350, 1360, 2360, 1470, 1377, 2377, 1480, 1378, 2378, 1490, 1500, 2420, 2220, 1200, 1205, 1220, 1225, 2500, 2510, 1930, 2211, 2215, 2415 and 2930.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-00324271
Issued: May 1, 2019 September 3, 2019
Effective: May 31, 2019 October 3, 2019
Issued by: Amy B. Spiller, President /s/ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fifty-Fourth~~Fifth Revised Sheet No 82
Cancels and Supersedes
~~Fifty-Third~~Fourth Revised Sheet No 82
Page 2 of 3

PROFIT SHARING RIDER FACTORS Contd.

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

Includes non-fuel related costs charged to the Company by PJM Interconnection LLC including but not limited to those costs identified in the following Billing Line Items, as may amended from time to time by PJM Interconnection LLC: Billing Line Items 1240, 2240, 1241, 2241, 1242, 1243, 1245, 2245, 1330, 2330, 1362, 2362, 1472, 1365, 2365, 1475, 1371, 2371, 1376, 2376, 1380 and 2380.

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.

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

RV= Net Revenues from Electric Vehicle Charging Stations

(N)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 20179-00324271
Issued: ~~May 1, 2019~~September 3, 2019
Effective: ~~May 31, 2019~~October 3, 2019
Issued by: Amy B. Spiller, President /s/ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 ~~Olympic Blvd~~ 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fifty-Fourth~~ Fifth Revised Sheet No 82
Cancels and Supersedes
~~Fifty-Third~~ Fourth Revised Sheet No 82
Page 3 of 3

<u>Rate Group</u>	<u>Rate</u> (\$/ kWh)	
Rate RS, Residential Service	0.000163	(+)
Rate DS, Service at Secondary Distribution Voltage	0.000163	(+)
Rate DP, Service at Primary Distribution Voltage	0.000163	(+)
Rate DT, Time-of-Day Rate for Service at Distribution Voltage	0.000163	(+)
Rate EH, Optional Rate for Electric Space Heating	0.000163	(+)
Rate GS-FL, General Service Rate for Small Fixed Loads	0.000163	(+)
Rate SP, Seasonal Sports Service	0.000163	(+)
Rate SL, Street Lighting Service	0.000163	(+)
Rate TL, Traffic Lighting Service	0.000163	(+)
Rate UOLS, Unmetered Outdoor Lighting	0.000163	(+)
Rate NSU, Street Lighting Service for Non-Standard Units	0.000163	(+)
Rate SC, Street Lighting Service – Customer Owned	0.000163	(+)
Rate SE, Street Lighting Service – Overhead Equivalent	0.000163	(+)
Rate LED, LED Street Lighting Service	0.000163	(+)
Rate TT, Time-of-Day Rate for Service at Transmission Voltage	0.000163	(+)
Other	0.000163	(+)

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 ~~April 13, 2018~~ September 3, 2019 in Case No. 20179-00324271
Issued: ~~May 1, 2019~~ September 3, 2019
Effective: ~~May 31, 2019~~ October 3, 2019
Issued by: Amy B. Spiller, President /s/ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 85
Cancels and Supersedes
~~First~~Second Revised Sheet No. 85
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 ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 86
Cancels and Supersedes
~~First~~Second Revised Sheet No. 86
Page 1 of 3

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 86
Cancels and Supersedes
First~~Second~~ Revised Sheet No. 86
Page 2 of 3

PROGRAM DESCRIPTIONS (Contd.)

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.

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321-271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 86
Cancels and Supersedes
~~First~~Second Revised Sheet No. 86
Page 3 of 3

TERMS AND CONDITIONS (Contd.)

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.

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 ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

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

KY.P.S.C. Electric No. 2
Original Sheet No. 87
Page 2 of 3

To participate in the GSA Program, a Customer must submit an application to the Company during a GSA Program enrollment window, as described on the Company's Program website, identifying an annual amount of renewable capacity to be developed on behalf of Customer. The Customer may apply for renewable generation capacity up to 125% of the Customer's aggregate Maximum Annual Demand for eligible Customer service location(s) within the Duke Energy Kentucky service territory. The Maximum Annual Demand shall be the sum of each locations kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use adjusted for power factor as provided in each locations applicable tariff sheet.

(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

The application shall identify the requested contract term for the Customer's enrollment in the Program which may be up to twenty (20) years. All Customer applications shall be accompanied by the payment of a \$2,000 nonrefundable application fee. Program reservations will be accepted on a "first-come-first-served" basis based upon the date and time of receipt of the Customer's completed application. Subsequent applications will be held until earlier applications are resolved. The \$2,000 application fee will be refunded to the Customer only in the event the Customer's application is rejected due to insufficient available renewable energy capacity.

(N)
(N)
(N)
(N)
(N)
(N)
(N)

The GSA Service Agreement shall include the general terms and conditions applicable under this Rate and shall specify the rates and charges applicable under the GSA Program for the contract term. The Customer must execute and return the GSA Service Agreement within 30 days of delivery by the Company. Failure of the Customer to timely execute and return the GSA Service Agreement will result in termination of the Customer's application and any GSA capacity reservation, which would then require the Customer to start the Program enrollment process anew in order to participate in the Program.

(N)
(N)
(N)
(N)
(N)
(N)
(N)

RENEWABLE ENERGY CREDITS (RECS)

The GSA Facility must register with a REC tracking system to facilitate the issuance of RECs and transfer the applicable share of RECs to the Customer pursuant to the GSA Service Agreement. The GSA Service Agreement shall include an attestation by the Customer that the RECs generated by the designated GSA Facility will be transferred to a designated tracking account identified by the GSA Customer. The renewable facility owner shall be solely responsible for procuring, delivering, and transferring RECs to the Customer.

(N)
(N)
(N)
(N)
(N)
(N)
(N)

NET MONTHLY BILL

An amount computed under the GSA Customer's(s)' primary rate schedule including applicable riders plus the sum of the (1) the GSA Product Charge, (2) the GSA Bill Credit, and (3) the GSA Administrative Charge.

(N)
(N)
(N)
(N)

1. GSA Product Charge – The GSA Product Charge shall be equal to the negotiated price (\$/kWh). The monthly GSA Product Charge shall be determined by multiplying the Negotiated Price times the energy produced by the GSA Facility during the billing period. These funds will be collected by Company and distributed to the renewable energy facility owner.
2. GSA Bill Credit – The GSA Bill Credit is the sum of all PJM credits and charges received by the GSA Facility owner.

(N)
(N)
(N)
(N)
(N)
(N)

Issued by authority of an Order of the Kentucky Public Service Commission dated _____, 2019 in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

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

KY.P.S.C. Electric No. 2
Original Sheet No. 87
Page 3 of 3

3. GSA Monthly Administrative Charge – will be \$375 per bill.

(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)
(N)
(N)
(N)

GENERAL PROVISIONS

The Company:

- (1) shall not be liable to the Customer in the event that a GSA Facility fails to produce energy as projected by Customer or Company or as otherwise consistent with the Customer's expectations and
- (2) shall have no obligation under any circumstance to supply RECs to the Customer not produced by the GSA Facility's operation and
- (3) shall require Customer to provide proof annually of financial security provisions such as the posting of a bond or letter of credit requirement as outlined in the GSA Service Agreement to protect Company against early termination risk associated with Customer business continuity.

(N)
(N)
(N)
(N)
(N)
(N)
(N)

SPECIAL TERMS AND CONDITIONS

The provision of renewable generation for Customer is dependent upon the following terms and conditions:

- 1. The GSA Customer shall enter into a written service agreement with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.
- 2. GSA Facility owner shall meter 100% of generation output consistent with PJM capacity and energy market requirements.
- 3. All environmental attributes, including but not limited to "renewable energy certificates" (RECs), "renewable energy credits" or "green tags", associated with the renewable generation system shall be conveyed to Customer for the life of the GSA Service Agreement.
- 4. In the event that a GSA facility is located within the Company's distribution system the company reserves the right to ensure the distribution is not negatively impacted.
- 5. Upon termination of participation under this Rate, Customer will continue to receive bill adjustments for Customer's generation share recorded prior to termination that has not already been applied to Customer's bill.

(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

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.

(N)
(N)
(N)
(N)

Issued by authority of an Order of the Kentucky Public Service Commission dated _____, 2019 in Case No. 2019-00271.

Issued: September 3, 2019

Effective: October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Fourth~~^{Fifth} Revised Sheet No. 88
Cancels and Supersedes
~~Third~~^{Fourth} Revised Sheet No. 88
Page 1 of 2

RIDER GP

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

APPLICABILITY

Applicable to all customers who wish to purchase GoGreen units from the Company-sponsored GoGreen program and who enter a service agreement with the Company.

DEFINITION OF GREEN POWER

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

Wind, Solar Photovoltaic, Biomass Co-firing of Agricultural 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.

The GoGreen Program includes the purchase of Renewable Energy Certificates (RECs) from the sources described above.

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 \$1.00 per 100 kWh block with a minimum monthly purchase of two 100 kWh blocks.

TERMS AND CONDITIONS

1. The customer shall enter into a service agreement with Company that shall specify the number of kWh blocks 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 from the GoGreen Rate will be used to purchase RECs from renewable and environmentally friendly sources as described in the DEFINITION OF GREEN POWER section and for customer education, marketing, and costs of the Green Power Program.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-00321271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by James P. Henning ~~Amy B. Spiller~~, President /s/ James P. Henning ~~Amy B. Spiller~~

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Fourth~~Fifth Revised Sheet No. 88
Cancels and Supersedes
~~Third~~Fourth Revised Sheet No. 88
Page 2 of 2

TERMS AND CONDITIONS (Contd.)

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. Company may obtain RECs from purchased power, company owned generation, or third party brokers purchased with funds collected from this rider.
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.

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 ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fourth~~^{Fifth} Revised Sheet No. 89
Cancels and Supersedes
~~Third~~^{Fourth} Revised Sheet No. 89
Page 1 of 8

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fourth~~^{Fifth} Revised Sheet No. 89
Cancels and Supersedes
~~Third~~^{Fourth} Revised Sheet No. 89
Page 2 of 8

METERING (Contd.)

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.

- (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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fourth~~^{Fifth} Revised Sheet No. 89
Cancels and Supersedes
~~Third~~^{Fourth} Revised Sheet No. 89
Page 3 of 8

APPLICATION AND APPROVAL PROCESS (Contd.)

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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fourth~~^{Fifth} Revised Sheet No. 89
Cancels and Supersedes
~~Third~~^{Fourth} Revised Sheet No. 89
Page 4 of 8

LEVEL 1 (Contd.)

- (6) The interconnection will not be on an area or spot network¹.
- (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

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.

¹Area 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.

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fourth~~^{Fifth} Revised Sheet No. 89
Cancels and Supersedes
~~Third~~^{Fourth} Revised Sheet No. 89
Page 5 of 8

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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd. 1262 Cox Road~~
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fourth~~Fifth Revised Sheet No. 89
Cancels and Supersedes
~~Third~~Fourth Revised Sheet No. 89
Page 6 of 8

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.
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

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fourth~~^{Fifth} Revised Sheet No. 89
Cancels and Supersedes
~~Third~~^{Fourth} Revised Sheet No. 89
Page 7 of 8

TERMS AND CONDITIONS FOR INTERCONNECTION (Contd.)

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.
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

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fourth~~^{Fifth} Revised Sheet No. 89
Cancels and Supersedes
~~Third~~^{Fourth} Revised Sheet No. 89
Page 8 of 8

TERMS AND CONDITIONS FOR INTERCONNECTION (Contd.)

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.
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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 90
Cancels and Supersedes
~~First~~Second Revised Sheet No. 90
Page 1 of 1

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 ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~1262 Cox Road~~4580 Olympic Blvd.
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Third~~Fourth Revised Sheet No. 91
Cancels and Supersedes
~~Second~~Third Revised Sheet No. 91
Page 1 of 2

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 three dollars forty-five cents (~~\$5.883.45~~) for reconnections that can be accomplished remotely or seventy-five dollars (~~\$6075.00~~) for reconnections that cannot be accomplished remotely. (I)
(R)
- B. The reconnection charge for service which has been disconnected within the preceding twelve months at the request of the customer shall be three dollars forty-five cents (~~\$5.883.45~~) for reconnections that can be accomplished remotely or seventy-five dollars (~~\$6075.00~~) for reconnections that cannot be accomplished remotely. (I)
(R)
- C. If service is discontinued because of fraudulent use thereof, the Company may charge and collect in addition to the reconnection charge of three dollars forty-five cents (~~\$5.883.45~~) for reconnections that can be accomplished remotely or seventy-five dollars (~~\$6075.00~~) 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. Due to the threat to public safety that tampering with Company equipment creates, the detection of tampering with Company equipment (e.g. metering), can result in a \$200 charge for residential customers or a \$1,000 charge for non-residential customers. At the Company's discretion particularly dangerous or repeated instances of tampering may result in the customer being required to take service under Rider AMO and being subject to the charges associated with that rider. (N)
(N)
(N)
(N)
(N)
- ~~D. If both the gas and electric services are reconnected at one time, the total charge shall not exceed eighty-eight dollars (\$88.00).~~ (D)
(D)
- ~~E.D. 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~~ (T)
(D)

Issued by authority of an Order of the Kentucky Public Service
Commission, dated April 13, 2018, in Case No. 20179-00321-271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by Amy B. Spiller~~James P. Henning~~, President /s/ Amy B. Spiller~~James P. Henning~~

Duke Energy Kentucky, Inc.
~~1262 Cox Road~~ 4580 Olympic Blvd.
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Third~~Fourth Revised Sheet No. 91
Cancels and Supersedes
~~Second~~Third Revised Sheet No. 91
Page 2 of 2

~~(\$150.00).~~

(D)

~~F.E.~~ 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 (~~\$40~~25.00). Customers will be notified of the additional ~~\$40~~25.00 charge for reconnection at the meter or at the pole at the time they request same day service.

(T)

(I)

(I)

CHARGE (Contd.)

(D)

~~G.F.~~ 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 (~~\$6~~50.00) may be assessed, but only if a Company employee actually makes a field visit to the customer's premises.

(T)

(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 ~~April 13, 2018~~ _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~Amy B. Spiller~~ James P. Henning, President /s/ ~~Amy B. Spiller~~ James P. Henning

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 92
Cancels and Supersedes
~~First~~Second Revised Sheet No. 92
Page 1 of 6

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)~~

\$5.928.76 per foot for a two-user pole.

(I)

\$4.957.40 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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-00321271.

Issued: April 30, 2018 September 3, 2019

Effective: April 14, 2018 October 3, 2019

Issued by James P. Henning Amy B. Spiller, President /s/ James P. Henning Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 92
Cancels and Supersedes
First~~Second~~ Revised Sheet No. 92
Page 2 of 6

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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-00321271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by James P. Henning ~~Amy B. Spiller~~, President /s/ James P. Henning ~~Amy B. Spiller~~

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 92
Cancels and Supersedes
~~First~~Second Revised Sheet No. 92
Page 3 of 6

TERMS AND CONDITIONS (Contd.)

- 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.
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.
 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:

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018, in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 92
Cancels and Supersedes
~~First~~Second Revised Sheet No. 92
Page 4 of 6

TERMS AND CONDITIONS (Contd.)

- (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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018, in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 92
Cancels and Supersedes
~~First~~Second Revised Sheet No. 92
Page 5 of 6

TERMS AND CONDITIONS (Contd.)

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 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

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-0032+271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 92
Cancels and Supersedes
~~First~~Second Revised Sheet No. 92
Page 6 of 6

TERMS AND CONDITIONS (Contd.)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-00321271.

Issued: April 30, 2018 September 3, 2019

Effective: April 14, 2018 October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
~~Fourth~~Fifth Revised Sheet No. 93
Cancels and Supersedes
~~Third~~Fourth Revised Sheet No. 93
Page 1 of 2

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 ~~October 2, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
~~Fourth~~^{Fifth} Revised Sheet No. 93
Cancels and Supersedes
~~Third~~^{Fourth} Revised Sheet No. 93
Page 2 of 2

RATE SCHEDULES

Rates for Purchases from qualifying facilities:

- (1) Energy Purchase Rate
The purchase rate shall be ~~\$0.0276450~~^{0.032038}/kWh for all kilowatt-hours delivered. (I)

- (2) Capacity Purchase Rate
The purchase rate shall be ~~\$3.474.00~~/kW-month for eligible capacity approved by PJM. 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. (RI)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~October 2, 2018~~ in Case No. 20179-00321271.

Issued: ~~October 11, 2018~~^{September 3, 2019}

Effective: ~~October 2, 2018~~^{October 3, 2019}

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Fifth~~^{Sixth} Revised Sheet No. 94
Cancels and Supersedes
~~Fourth~~^{Fifth} Revised Sheet No. 94
Page 1 of 2

**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."

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Fifth~~^{Sixth} Revised Sheet No. 94
Cancels and Supersedes
~~Fourth~~^{Fifth} Revised Sheet No. 94
Page 2 of 2

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.

- (2) Capacity Purchase Rate
The purchase rate shall be ~~\$3.474.00~~/kW-month for eligible capacity approved by PJM. 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. (RI)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~October 2, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~October 11, 2018~~ September 3, 2019

Effective: ~~October 2, 2018~~ October 3, 2019

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

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd. 1262 Cox Road~~
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 95
Cancels and Supersedes
~~First~~Second Revised Sheet No. 95
Page 1 of 1

LOCAL ~~FRANCHISE~~GOVERNMENT FEE

(T)

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.

(D)
(D)
(D)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 96
Cancels and Supersedes
First~~Second~~ Sheet No. 96
Page 1 of 3

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.
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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd. 1262 Cox Road~~
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 96
Cancels and Supersedes
First~~Second~~ Sheet No. 96
Page 2 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~ Third Revised Sheet No. 96
Cancels and Supersedes
~~First~~ Second Sheet No. 96
Page 3 of 3

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~ Third Revised Sheet No. 97
Cancels and Supersedes
~~First~~ Second Sheet No. 97
Page 1 of 3

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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 97
Cancels and Supersedes
First~~Second~~ Sheet No. 97
Page 2 of 3

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.

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.
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 agreement.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 97
Cancels and Supersedes
First~~Second~~ Sheet No. 97
Page 3 of 3

GENERAL CONDITIONS (Cont'd.)

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 98
Cancels and Supersedes
~~First~~Second Revised Sheet No. 98
Page 1 of 6

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;

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 98
Cancels and Supersedes
~~First~~Second Revised Sheet No. 98
Page 2 of 6

I. 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.
- 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.

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 98
Cancels and Supersedes
~~First~~Second Revised Sheet No. 98
Page 3 of 6

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~ Third Revised Sheet No. 98
Cancels and Supersedes
~~First~~ Second Revised Sheet No. 98
Page 4 of 6

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;

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00324271.

~~Issued: April 30, 2018~~ September 3, 2019

~~Effective: April 14, 2018~~ October 3, 2019

~~Issued by James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd, 1262 Cox Road~~
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 98
Cancels and Supersedes
~~First~~Second Revised Sheet No. 98
Page 5 of 6

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 98
Cancels and Supersedes
~~First~~Second Revised Sheet No. 98
Page 6 of 6

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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
~~Sixth~~ Seventh Revised Sheet No. 99
Cancels and Supersedes
~~Fifth~~ Sixth Revised Sheet No. 99
Page 1 of 4

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:

$$\text{RTP Bill} = \text{BC} + \text{PC} + \frac{\sum_{t=1}^n \{ (\text{CC}_t + \text{ED}_t) \times (\text{AL}_t - \text{CBL}_t) \}}{n}$$

(D)

Where:

- BC = Baseline Charge
- PC = Program Charge
- CC_t = Commodity Charge for hour t
- ED_t = Energy Delivery Charge for hour t
- AL_t = Customer Actual Load for hour t
- CBL_t = Customer Baseline Load in hour t
- n = total number of hours in the billing period
- t = an hour in the billing period

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd, 1262 Cox Road~~
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
~~Sixth~~ ~~Seventh~~ Revised Sheet No. 99
Cancels and Supersedes
~~Fifth~~ ~~Sixth~~ Revised Sheet No. 99
Page 2 of 4

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.

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_t above the CBL_t, CC_t = MVG_t x LAF
For kWh_t below the CBL_t, CC_t = MVG_t x 80% x LAF

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
~~Sixth~~ Seventh Revised Sheet No. 99
Cancels and Supersedes
~~Fifth~~ Sixth Revised Sheet No. 99
Page 3 of 4

COMMODITY CHARGE (Contd.)

Where:

LAF = loss adjustment factor
= 1.0530 for Rate TT
= 1.0800 for Rate DP and Rate DT
= 1.1100 for Rate DS

(T)
(T)

MVG_t = Market Value Of Generation As Determined By Company for hour t

The MVG_t 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	\$0.0091040.018391 per kW Per Hour	(I)
Primary Service	\$0.0078500.015184 per kW Per Hour	(I)
Transmission Service	\$0.0035760.006602 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
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

(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.

Issued by authority of an Order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No.20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd~~ 1262 Cox Road
 Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
~~Sixth~~ ~~Seventh~~ Revised Sheet No. 99
 Cancels and Supersedes
~~Fifth~~ ~~Sixth~~ Revised Sheet No. 99
 Page 4 of 4

PROGRAM CHARGE (Contd.)

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 April 13, 2018 in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~ Third Revised Sheet No. 100
Cancels and Supersedes
~~First~~ Second Revised Sheet No. 100
Page 1 of 7

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).

(+)
(+)
(+)

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.

(+)
(+)
(+)

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;

Issued by authority of an order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd, 1262 Cox Road~~
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 100
Cancels and Supersedes
First~~Second~~ Revised Sheet No. 100
Page 2 of 7

II. Essential Customers (Contd.)

- (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;
- (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.

Issued by authority of an order of the Kentucky Public Service
Commission dated April 13, 2018 in Case No. 20179-00321271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd. 1262 Cox Road~~
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 100
Cancels and Supersedes
~~First~~Second Revised Sheet No. 100
Page 3 of 7

II. Essential Customers (Contd.)

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.

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.

Issued by authority of an order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 100
Cancels and Supersedes
First~~Second~~ Revised Sheet No. 100
Page 4 of 7

III. Remedial Measures in the Event of Emergency (Contd.)

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

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

Issued by authority of an order of the Kentucky Public Service
Commission dated April 13, 2018 _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~September 3, 2019

Effective: ~~April 14, 2018~~October 3, 2019

Issued by ~~James P. Henning~~Amy B. Spiller, President /s/ ~~James P. Henning~~Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~ ~~Third~~ Revised Sheet No. 100
 Cancels and Supersedes
~~First~~ ~~Second~~ Revised Sheet No. 100
 Page 5 of 7

IV. Curtailment Procedures (Contd.)

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/Reliability First 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.
- (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 Reliability First 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

Issued by authority of an order of the Kentucky Public Service
 Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 100
Cancels and Supersedes
~~First~~Second Revised Sheet No. 100
Page 6 of 7

IV. Curtailment Procedures (Contd.)

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;
- (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, Reliability First, 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.

(+)
(+)
(+)

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.

Issued by authority of an order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
~~4580 Olympic Blvd.~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~ Third Revised Sheet No. 100
Cancels and Supersedes
~~First~~ Second Revised Sheet No. 100
Page 7 of 7

V. Transmission Emergency Rules (Contd.)

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.

Issued by authority of an order of the Kentucky Public Service
Commission dated ~~April 13, 2018~~ _____ in Case No. 20179-00324271.

Issued: ~~April 30, 2018~~ September 3, 2019

Effective: ~~April 14, 2018~~ October 3, 2019

Issued by ~~James P. Henning~~ Amy B. Spiller, President /s/ ~~James P. Henning~~ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 ~~Olympic Blvd.~~ 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Second~~Third Revised Sheet No. 101
Cancels and Supersedes
~~First~~Second Revised Sheet No. 101
Page 1 of 1

RATE MDC

METER DATA CHARGES FOR ENHANCED USAGE DATA SERVICES

(+)

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.

(+)

(+)

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 April 13, 2018 _____ in Case No. 20179-00321271.

Issued: April 30, 2018 ~~September 3, 2019~~

Effective: April 14, 2018 ~~October 3, 2019~~

Issued by James P. Henning ~~Amy B. Spiller~~, President /s/ James P. Henning ~~Amy B. Spiller~~

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Gas No. 2
Two-Hundred-Fifteenth~~Sixteenth~~
Revised Sheet No. 10
Cancelling and Superseding
Two-Hundred-Fourteenth~~Fifteenth~~
Revised Sheet No. 10
Page 1 of 3

INDEX TO APPLICABLE GAS TARIFF SCHEDULES AND COMMUNITIES SERVED

	<u>Sheet No.</u>	<u>Billing Effective Date</u>	<u>Effective Date per Order</u>
<u>SERVICE REGULATIONS</u>			
Service Agreements.....	20	03/29/19	03/29/19
Supplying and Taking of Service.....	21	03/29/19	03/29/19
Customer's Installation.....	22	03/29/19	03/29/19
Company's Installation.....	23	03/29/19	03/29/19
Metering.....	24	03/29/19	03/29/19
Billing and Payment.....	25	03/29/19	03/29/19
Deposits.....	26	03/29/19	03/29/19
Application.....	27	03/29/19	03/29/19
Gas Space Heating Regulations.....	28	03/29/19	03/29/19
Availability of Gas Service.....	29	03/29/19	03/29/19
<u>FIRM SERVICE TARIFF SCHEDULES</u>			
Rate RS, Residential Service.....	30	05/31/19	05/31/19
Rate GS, General Service.....	31	05/31/19	05/31/19
Reserved for Future Use.....	32		
Reserved for Future Use.....	33		
Reserved for Future Use.....	34		
Reserved for Future Use.....	35		
Reserved for Future Use.....	36		
Reserved for Future Use.....	37		
Reserved for Future Use.....	38		
Reserved for Future Use.....	39		
Reserved for Future Use.....	40		
Reserved for Future Use.....	41		
Reserved for Future Use.....	42		
Reserved for Future Use.....	43		
Rate FRAS, Full Requirements Aggregation Service.....	44	03/29/19	03/29/19
Reserved for Future Use.....	45		
Reserved for Future Use.....	46		
Reserved for Future Use.....	47		
Reserved for Future Use.....	48		
Reserved for Future use.....	49		

Issued by authority of an Order by the Kentucky Public Service
Commission dated December 13, 2018 _____ in Case No. 20189-00370271.

Issued: ~~June 10, 2019~~September 3, 2019
Effective: ~~June 7, 2019~~October 3, 2019
Issued by Amy B. Spiller, President /s/ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd, 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Gas No. 2
Two-Hundred-Fifteenth~~Sixteenth~~
Revised Sheet No. 10
Cancelling and Superseding
Two-Hundred-Fourteenth~~Fifteenth~~
Revised Sheet No. 10
Page 2 of 3

INDEX TO APPLICABLE GAS TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

TRANSPORTATION TARIFF SCHEDULE

Rate IT, Interruptible Transportation Service.....	50	03/29/19	03/29/19
Rate FT-L, Firm Transportation Service.....	51	03/29/19	03/29/19
Reserved for Future Use.....	52		
Rate SSIT, Spark Spread Interruptible Transportation Rate.....	53	03/29/19	03/29/19
Reserved for Future Use.....	54		
Rate AS, Aggregation Service for Interruptible Transportation.....	55	03/29/19	03/29/19
Reserved for Future Use.....	56		
		03/29/19	
Rate GTS, Gas Trading Service.....	57	04/01/19	03/29/19
Rate IMBS, Interruptible Monthly Balancing Service.....	58	03/29/19	03/29/19
Rate DGS, Distributed Generation Service.....	59	03/29/19	03/29/19

Issued by authority of an Order by the Kentucky Public Service
Commission dated ~~December 13, 2018~~ _____ in Case No. 20189-00370271.

Issued: ~~June 10, 2019~~ September 3, 2019
Effective: ~~June 7, 2019~~ October 3, 2019
Issued by Amy B. Spiller, President /s/ Amy B. Spiller

Duke Energy Kentucky, Inc.
4580 Olympic Blvd. 1262 Cox Road
Erlanger, Kentucky 41018

KY.P.S.C. Gas No. 2
Two-Hundred-Fifteenth~~Sixteenth~~
Revised Sheet No. 10
Cancelling and Superseding
Two-Hundred-Fourteenth~~Fifteenth~~
Revised Sheet No. 10
Page 3 of 3

INDEX TO APPLICABLE GAS TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

	<u>Sheet No.</u>	<u>Billing Effective Date</u>	<u>Effective Date per Order</u>	
<u>RIDERS</u>				
Rider X, Main Extension Policy.....	60	03/29/19	03/29/19	
Rider DSM, Demand Side Management Cost Recovery Program	61	03/29/19	03/29/19	
Rider DSMR, Demand Side Management Rate.....	62	06/07/19	06/07/19	
Accelerated Service Replacement Program Rider.....	63	03/29/19	03/29/19	
Reserved for Future Use.....	64			
Weather Normalization Adjustment Rider.....	65	04/01/19	04/01/19	
Reserved for Future Use.....	66			
Reserved for Future Use.....	67			
Reserved for Future Use.....	68			
Reserved for Future Use.....	69			
<u>GAS COST RECOVERY RIDERS</u>				
Gas Cost Adjustment Clause.....	70	03/29/19	03/29/19	
Reserved for Future Use.....	71			
Reserved for Future Use.....	72			
Reserved for Future Use.....	73			
Reserved for Future Use.....	74			
Reserved for Future Use.....	75			
Reserved for Future Use.....	76			
Rider GCAT, Gas Cost Adjustment Transition Rider.....	77	05/31/19	05/31/19	
Reserved for Future Use.....	78			
Reserved for Future Use.....	79			
<u>MISCELLANEOUS</u>				
Bad Check Charge.....	80	03/29/19	03/29/19	
Charge for Reconnection of Service.....	81	03/29/19 10/03/19	03/29/19 10/03/19	(T)
Local Franchise Fee.....	82	03/29/19	03/29/19	
Curtailment Plan.....	83	03/29/19	03/29/19	
Rate MPS, Meter Pulse Service.....	84	03/29/19	03/29/19	
Reserved for Future Use.....	85			
Reserved for Future Use.....	86			
Reserved for Future Use.....	87			
Reserved for Future Use.....	88			
Reserved for Future Use.....	89			

Issued by authority of an Order by the Kentucky Public Service
Commission dated ~~December 13, 2018~~ _____ in Case No. 20189-00370271.

Issued: ~~June 10, 2019~~ September 3, 2019
Effective: ~~June 7, 2019~~ October 3, 2019
Issued by Amy B. Spiller, President /s/ Amy B. Spiller

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

KY.P.S.C. Gas No. 2
~~Fourth~~Third Revised Sheet No. 81
Cancelling and Superseding
~~Third~~Second Revised Sheet No. 81
Page 1 of 1

CHARGE FOR RECONNECTION OF SERVICE

APPLICABILITY

Applicable to all customers in the Company's entire service area who are in violation of Rule 3, Company's Right to Cancel Service Agreement or to Suspend Service, of the Company's Gas 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 seventy-five dollars (\$75.00).
- B. The reconnection charge for service which has been disconnected within the preceding twelve months at the request of the customer shall be seventy-five dollars (\$75.00).
- C. If service is discontinued because of fraudulent use thereof, the Company may charge and collect in addition to the reconnection charge of seventy-five dollars (\$75.00) the expense incurred by the Company by reason of such fraudulent use, plus an estimated bill for gas used, prior to the reconnection of service. Due to the threat to public safety that tampering with Company equipment creates, the detection of tampering with Company equipment (e.g. metering), can result in a \$200 charge for residential customers or a \$1,000 charge for non-residential customers. (N)
(N)
(N)
(N)
- ~~D. If both the gas and electric services are reconnected at one time, the total charge shall not exceed eighty-eight dollars (\$88.00).~~ (D)
(D)
- ~~E. Where electric service was disconnected at the pole because the Company was unable to gain access to the meter and gas service is also reconnected the charge shall be one hundred fifty dollars (\$150.00).~~ (D)
(D)

SERVICE REGULATIONS

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

Issued by authority of an Order of the Kentucky Public Service Commission dated ~~March 27, 2019~~ _____ in Case No. 20189-00261271.

Issued: ~~April 5, 2019~~September 3, 2019
Effective: ~~March 29, 2019~~October 3, 2019
Issued by Amy B. Spiller, President /s/ Amy B. Spiller



duke-energy.com
800.544.6900

Your Energy Bill

page 1 of 4

Service address
123 Mount Olive Rd
Florence KY 41042

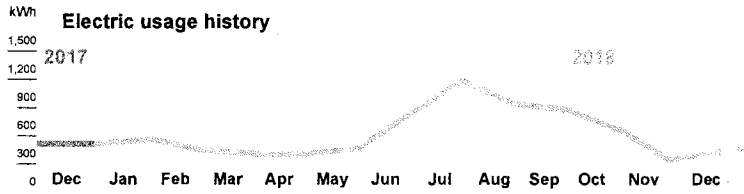
Bill date Dec 13, 2018
For service Nov 9 – Dec 12
33 days

Account number 999 999 999

Billing summary

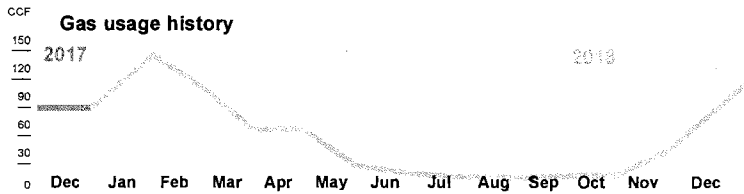
Previous amount due	\$93.40
Payment received Nov 26	- 93.40
Current electric charges	50.31
Current gas charges	105.22
Taxes	4.67
Total amount due Jan 4	\$ 160.20

Your usage snapshot



	Current Month	Dec 2017	12-Month Usage	Average Monthly Usage
Electric	473	516	7,830	653

12-Month usage based on most recent history



	Current Month	Dec 2017	12-Month Usage	Average Monthly Usage
Gas	111	89	585	49

12-Month usage based on most recent history

Mail your payment at least 7 days before the due date or pay instantly at duke-energy.com/billing. Late payments are subject to a 5% late charge.

Please return this portion with your payment. Thank you for your business.



P.O. Box 1326
Charlotte NC 28201-1326

Account number 999 999 999

\$ 160.20
on Jan 4

After Jan 4, the amount due will increase to \$167.98.

To help others with a contribution to WinterCare, add here.

\$ _____ Amount enclosed

000549 0000024295



Sally Sample
123 Mount Olive Rd
Florence KY 41042-3141

P.O. Box 1326
Charlotte, NC 28201-1326



09880389 0 9752709 1 0000011588 6 0000011588 6 0000011588 6



page 4 of 4 (N)
(N)
Account number 999 999 999 (N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)
(N)

Billing details – Taxes

Explanation of taxes	
Rate increase for school tax	4.67
Total taxes	\$4.67

Before

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC CASE NO. 2019-00271

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, 2019

Forecasted Period: Twelve Months Ended March 31, 2021

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. 2019-000271
REVENUES AT PRESENT AND PROPOSED RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M
PAGE 1 OF 1
WITNESS:
J. L. Kern

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)
RESIDENTIAL					
1	RESIDENTIAL SERVICE (RS)	142,589,694	165,864,231	23,274,537	16.32%
2	TOTAL RESIDENTIAL	<u>142,589,694</u>	<u>165,864,231</u>	<u>23,274,537</u>	<u>16.32%</u>
DISTRIBUTION					
3	DISTRIBUTION SERVICE (DS)	106,387,501	117,572,950	11,185,449	10.51%
4	DT PRIMARY TIME OF DAY (DT-PRI)	34,882,409	38,387,438	3,505,029	10.05%
5	DT SECONDARY TIME OF DAY (DT-SEC)	54,510,592	59,985,402	5,474,810	10.04%
6	ELECTRIC SPACE HEATING (EH)	708,940	783,749	74,809	10.55%
7	SPORTS SERVICE (SP)	35,481	39,212	3,731	10.52%
8	SMALL FIXED LOADS (GSFL)	679,882	751,741	71,859	10.57%
9	PRIMARY VOLTAGE (DP)	1,760,313	1,962,448	202,135	11.48%
10	TOTAL DISTRIBUTION	<u>198,965,118</u>	<u>219,482,940</u>	<u>20,517,822</u>	<u>10.31%</u>
TRANSMISSION					
11	TIME OF DAY (TT)	14,664,025	15,761,757	1,097,732	7.49%
12	TOTAL TRANSMISSION	<u>14,664,025</u>	<u>15,761,757</u>	<u>1,097,732</u>	<u>7.49%</u>
REAL TIME PRICING					
13	DT PRIMARY-REAL TIME PRICING (DT-RTP PRI)	0	0	0	-
14	DT SECONDARY-REAL TIME PRICING (DT-RTP SEC)	73,463	88,040	14,577	19.84%
15	DS-REAL TIME PRICING (DS-RTP)	49,104	56,551	7,447	15.17%
16	TT-REAL TIME PRICING (TT-RTP)	516,390	559,404	43,014	8.33%
17	TOTAL REAL TIME PRICING	<u>638,957</u>	<u>703,995</u>	<u>65,038</u>	<u>10.18%</u>
LIGHTING					
18	STREET LIGHTING (SL)	1,541,102	1,705,305	164,203	10.65%
19	TRAFFIC LIGHTING (TL)	80,436	89,339	8,903	11.07%
20	UNMETERED OUTDOOR LIGHTING (UOLS)	178,459	198,626	20,167	11.30%
21	NON STANDARD STREET LIGHTING (NSU)	79,931	88,381	8,450	10.57%
22	CUST OWNED STREET LIGHTING SERVICE (SC)	4,056	4,515	459	11.32%
23	OVERHEAD EQUIV STREET LIGHTING SERVICE (SE)	226,922	251,045	24,123	10.63%
24	LED OUDTOOR LIGHTING SERVICE (LED)	0	0	0	-
25	TOTAL LIGHTING	<u>2,110,906</u>	<u>2,337,211</u>	<u>226,305</u>	<u>10.72%</u>
26	INTERDEPARTMENTAL	68,449	76,957	8,508	12.43%
27	SPECIAL CONTRACTS	16,740	18,848	2,108	12.60%
28	TOTAL RETAIL REVENUE	<u>359,053,889</u>	<u>404,245,940</u>	<u>45,192,051</u>	<u>12.59%</u>
OTHER MISCELLANEOUS REVENUE					
29	PJM AND TRANSMISSION	3,468,212	3,468,212	0	0.00%
30	BAD CHECK CHARGES	34,903	34,903	0	0.00%
31	RECONNECTION CHARGES	38,885	52,646	13,761	35.39%
32	POLE AND LINE ATTACHMENTS	472,682	703,039	230,357	48.73%
33	RENTS	1,005,121	1,005,121	0	0.00%
34	OTHER MISCELLANEOUS	12,987,072	12,987,072	0	0.00%
35	TOTAL MISCELLANEOUS REVENUE	<u>18,006,875</u>	<u>18,250,993</u>	<u>244,118</u>	<u>1.36%</u>
36	TOTAL REVENUE	<u>377,060,764</u>	<u>422,496,933</u>	<u>45,436,169</u>	<u>12.05%</u>

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
BASE PERIOD REVENUES AT CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.1
PAGE 1 OF 1
WITNESS:
J. L. Kern

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)	TO TOTAL EXCLUSIVE OF FUEL COST (G)		REVENUE TOTAL (I)	
				(KWH)	(\$)	(\$/KWH)	(%)	(\$)	(\$)	(%)
1	RS	RESIDENTIAL SERV	1,552,696	1,474,920,684	141,585,273	9.5995	37.82	1,004,421	142,589,694	37.82
2	DS	DISTRIBUTION SERV	156,672	1,089,223,051	105,645,740	9.6992	28.22	741,761	106,387,501	28.21
3	DT-PRI	TIME OF DAY	455	472,650,196	34,560,534	7.3121	9.23	321,875	34,882,409	9.25
4	DT-SEC	TIME OF DAY	1,870	680,875,061	54,046,916	7.9379	14.44	463,676	54,510,592	14.46
5	EH	ELEC SPACE HEATING	474	9,252,534	702,639	7.5940	0.19	6,301	708,940	0.19
6	SP	SPORTS SERV	184	276,447	35,293	12.7666	0.01	188	35,481	0.01
7	GSFL	SMALL FIXED LOADS	540	5,958,342	675,824	11.3425	0.18	4,058	679,882	0.18
8	DP	PRIMARY VOLTAGE	120	19,651,099	1,746,931	8.8897	0.47	13,382	1,760,313	0.47
9	TT	TIME OF DAY	155	224,056,170	14,511,443	6.4767	3.88	152,582	14,664,025	3.89
10	DT-RTP PRI	REAL TIME PRICING	0	0	0	-	-	0	0	-
11	DT-RTP SEC	REAL TIME PRICING	24	1,569,705	73,463	4.6801	0.02	0	73,463	0.02
12	DS-RTP	REAL TIME PRICING	36	801,933	49,104	6.1232	0.01	0	49,104	0.01
13	TT-RTP	REAL TIME PRICING	24	14,214,991	516,390	3.6327	0.14	0	516,390	0.14
14	SL	STREET LIGHTING	135,466	10,548,224	1,533,918	14.5420	0.41	7,183	1,541,102	0.41
15	TL	TRAFFIC LIGHTING	95,903	1,445,796	79,451	5.4953	0.02	985	80,436	0.02
16	UOLS	UNMTRD OUTDR LIGHT	89,792	4,292,584	175,536	4.0893	0.05	2,923	178,459	0.05
17	NSU	NON STD STREET LIGHT	9,196	449,416	79,625	17.7174	0.02	306	79,931	0.02
18	SC	CUST OWNED STREET LIGHTING	2,065	97,596	3,990	4.0883	-	66	4,056	-
19	SE	OVR HD EQUIV STREET LIGHTING	25,036	1,493,016	225,903	15.1306	0.06	1,018	226,922	0.06
20	LED	LED OUTDOOR LIGHT	0	0	0	-	-	0	0	-
21	ID01	INTERDEPARTMENTAL	12	882,413	67,848	7.6889	0.02	601	68,449	0.02
22	IS	PJM AND TRANSMISSION	0	0	3,468,212	-	0.93	0	3,468,212	0.92
23		BAD CHECK CHARGES	0	0	34,903	-	0.01	0	34,903	0.01
24		RECONNECTION CHGS	0	0	38,885	-	0.01	0	38,885	0.01
25		POLE AND LINE ATTACHMENTS	0	0	472,682	-	0.13	0	472,682	0.13
26		RENTS	0	0	1,005,121	-	0.27	0	1,005,121	0.27
27	WS	SPECIAL CONTRACTS	132	349,821	16,502	4.7173	-	238	16,740	-
28		OTHER MISC	0	0	12,987,072	-	3.47	0	12,987,072	3.44
29	TOTAL		2,070,852	4,013,009,079	374,339,198	9.3281	100.00	2,721,564	377,060,764	100.00

NOTE: DETAIL CONTAINED ON SCHEDULES M-2.2 AND M-2.3.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.2
PAGE 1 OF 22
WITNESS:
J. L. Kern

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 (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(¢/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
RESIDENTIAL												
1	RS	RESIDENTIAL SERV	1,552,696	1,474,920,684	9.5995	141,585,273	100.00	23,274,537	16.4	1,004,421	142,589,694	16.3
2	TOTAL RESIDENTIAL		1,552,696	1,474,920,684	9.5995	141,585,273	37.82	23,274,537	16.4	1,004,421	142,589,694	16.3
DISTRIBUTION												
3	DS	DISTRIBUTION SERV	156,672	1,089,223,051	9.6992	105,645,740	53.51	11,185,449	10.6	741,761	106,387,501	10.5
4	DT-PRI	TIME OF DAY	455	472,650,196	7.3121	34,560,534	17.51	3,505,029	10.1	321,875	34,882,409	10.0
5	DT-SEC	TIME OF DAY	1,870	680,875,061	7.9379	54,046,916	27.38	5,474,810	10.1	463,676	54,510,592	10.0
6	EH	ELEC SPACE HEATING	474	9,252,534	7.5940	702,639	0.36	74,809	10.6	6,301	708,940	10.6
7	SP	SPORTS SERV	184	276,447	12.7666	35,293	0.02	3,731	10.6	188	35,481	10.5
8	GSFL	SMALL FIXED LOADS	540	5,958,342	11.3425	675,824	0.34	71,859	10.6	4,058	679,882	10.6
9	DP	PRIMARY VOLTAGE	120	19,651,099	8.8897	1,746,931	0.88	202,135	11.6	13,382	1,760,313	11.5
10	TOTAL DISTRIBUTION		160,315	2,277,866,730	8.6685	197,413,877	52.74	20,517,822	10.4	1,551,241	198,965,118	10.3
TRANSMISSION												
11	TT	TIME OF DAY	155	224,056,170	6.4767	14,511,443	100.00	1,097,732	7.6	152,582	14,664,025	7.5
12	TOTAL TRANSMISSION		155	224,056,170	6.4767	14,511,443	3.88	1,097,732	7.6	152,582	14,664,025	7.5
REAL TIME PRICING												
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	1,569,705	4.6801	73,463	11.50	14,577	19.8	0	73,463	19.8
15	DS-RTP	REAL TIME PRICING	36	801,933	6.1232	49,104	7.69	7,447	15.2	0	49,104	15.2
16	TT-RTP	REAL TIME PRICING	24	14,214,991	3.6327	516,390	80.82	43,014	8.3	0	516,390	8.3
17	TOTAL REAL TIME PRICING		84	16,586,629	3.8522	638,957	0.17	65,038	10.2	0	638,957	10.2
LIGHTING												
18	SL	STREET LIGHTING	135,466	10,548,224	14.5420	1,533,918	73.10	164,202	10.7	7,183	1,541,102	10.7
19	TL	TRAFFIC LIGHTING	95,903	1,445,796	5.4953	79,451	3.79	8,903	11.2	985	80,436	11.1
20	UOLS	UNMTRD OUTDR LIGHT	89,792	4,292,584	4.0893	175,536	8.37	20,167	11.5	2,923	178,459	11.3
21	NSU	NON STD STREET LIGHT	9,196	449,416	17.7174	79,625	3.79	8,450	10.6	306	79,931	10.6
22	SC	CUST OWNED STREET LIGHTING	2,065	97,596	4.0883	3,990	0.19	459	11.5	66	4,056	11.3
23	SE	OVR HD EQUIV STREET LIGHTIN	25,036	1,493,016	15.1306	225,903	10.77	24,123	10.7	1,018	226,922	10.6
24	LED	LED OUTDOOR LIGHT	0	0	-	0	-	0	0.0	0	0	0.0
25	TOTAL LIGHTING		357,458	18,326,632	11.4501	2,098,423	0.56	226,304	10.8	12,481	2,110,906	10.7
OTHER MISC REVENUE												
26	ID01	INTERDEPARTMENTAL	12	882,413	7.6889	67,848	0.38	8,508	12.5	601	68,449	12.4
27		PJM AND TRANSMISSION	0	0	-	3,468,212	19.17	0	0.0	0	3,468,212	0.0
28		BAD CHECK CHARGES	0	0	-	34,903	0.19	0	0.0	0	34,903	0.0
29		RECONNECTION CHGS	0	0	-	38,885	0.21	13,761	35.4	0	38,885	35.4
30		POLE AND LINE ATTACHMENTS	0	0	-	472,682	2.61	230,357	48.7	0	472,682	48.7
31		RENTS	0	0	-	1,005,121	5.56	0	0.0	0	1,005,121	0.0
32	WS	SPECIAL CONTRACTS	132	349,821	0.047852	16,502	0.09	2,108	12.8	238	16,740	12.6
33		OTHER MISC	0	0	-	12,987,072	71.79	0	0.0	0	12,987,072	0.0
34	TOTAL MISC REVENUE		144	1,232,234		18,091,225	4.83	254,735	1.4	839	18,092,064	1.4
35	TOTAL		2,070,852	4,013,009,079	9.3281	374,339,198	100.00	45,436,168	12.1	2,721,564	377,060,764	12.1

NOTE: DETAIL CONTAINED ON SCHEDULES M-2.2 PAGES 2 THROUGH 22.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.2
PAGE 2 OF 22
WITNESS:
J. L. Kern

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		1,552,696		\$11.00	17,079,656	12.1	4,658,088	27.3		17,079,656	27.3
4	ENERGY CHARGE (3):											
5	ALL KWH			1,474,920,684	0.071650	105,678,067	74.6	18,616,449	17.6		105,678,067	17.6
6	TOTAL RATE RS EXCLUDING RIDERS		1,552,696	1,474,920,684		122,757,723	86.7	23,274,537	19.0		122,757,723	19.0
7	RIDERS:											
8	HOME ENERGY ASSISTANCE (HEA)				\$0.10	155,270	0.1	0	0.0		155,270	0.0
9	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.003035	4,476,384	3.2	0	0.0		4,476,384	0.0
10	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				11.76%	14,436,308	10.2	0	0.0		14,436,308	0.0
11	FUEL ADJUSTMENT CLAUSE (FAC)				0.000681					1,004,421	1,004,421	0.0
12	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(240,412)	(0.2)	0	0.0		(240,412)	0.0
13	TOTAL RIDERS					18,827,550	13.3	0	0.0	1,004,421	19,831,971	0.0
14	TOTAL RATE RS INCLUDING RIDERS		1,552,696	1,474,920,684		141,585,273	100.0	23,274,537	16.4	1,004,421	142,589,694	16.3

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.2
PAGE 3 OF 22
WITNESS:
J. L. Kern

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 (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	DS	SERVICE AT										
2		DISTRIBUTION VOLTAGE										
3		CUSTOMER CHARGE:										
4		LOAD MANAGEMENT RIDER	1,839		\$5.00	9,195	0.0	0	0.0		9,195	0.0
5		SINGLE PHASE	84,503		\$17.14	1,448,381	1.4	(180,836)	(12.5)		1,448,381	(12.5)
6		THREE PHASE	72,169		\$34.28	2,473,953	2.3	(308,883)	(12.5)		2,473,953	(12.5)
7		TOTAL CUSTOMER CHARGE	156,672			3,931,529	3.7	(489,719)	(12.5)		3,931,529	(12.5)
8		DEMAND CHARGE:										
9		FIRST 15 KW		1,421,460	\$0.00	0	0.0	0	0.0		0	0.0
10		ADDITIONAL KW		2,431,793	\$8.25	20,062,290	19.0	2,747,926	13.7		20,062,290	13.7
11		TOTAL DEMAND		3,853,253		20,062,290	19.0	2,747,926	13.7		20,062,290	13.7
12		ENERGY CHARGE (3):										
13		FIRST 6000 KWH		384,317,296	0.080200	30,822,247	29.2	4,242,094	13.8		30,822,247	13.8
14		NEXT 300KWH/KW		595,505,603	0.049232	29,317,932	27.8	4,035,146	13.8		29,317,932	13.8
15		ADDITIONAL KWH		107,688,276	0.040317	4,341,668	4.1	597,562	13.8		4,341,668	13.8
16		NON-CHURCH "CAP" RATE		1,443,626	0.236915	342,017	0.3	47,071	13.8		342,017	13.8
17		CHURCH CAP RATE		268,250	0.145445	39,016	0.0	5,369	13.8		39,016	13.8
18		TOTAL ENERGY		1,089,223,051		64,862,880	61.4	8,927,242	13.8		64,862,880	13.8
19		TOTAL RATE DS EXCLUDING RIDERS	156,672	1,089,223,051		88,856,699	84.1	11,185,449	12.6		88,856,699	12.6
20		RIDERS:										
21		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	5,545,235	5.2	0	0.0		5,545,235	0.0
22		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	11,421,349	10.8	0	0.0		11,421,349	0.0
23		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					741,761	741,761	0.0
24		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(177,543)	(0.2)	0	0.0		(177,543)	0.0
25		TOTAL RIDERS				16,789,041	15.9	0	0.0	741,761	17,530,802	0.0
26		TOTAL RATE DS INCLUDING RIDERS	156,672	1,089,223,051		105,645,740	100.0	11,185,449	10.6	741,761	106,387,501	10.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
(2) REFLECTS FUEL ADJUSTMENT CLAUSE OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.2
PAGE 4 OF 22
WITNESS:
J. L. Kern

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 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)
				(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DT-PRI	TIME OF DAY PRIMARY										
2	SUMMER:											
3	CUSTOMER CHARGE:											
4	PRIMARY VOLTAGE		152		\$138.00	20,976	0.1	0	0.0		20,976	0.0
5	TOTAL CUSTOMER CHARGE		152			20,976	0.1	0	0.0		20,976	0.0
6	DEMAND CHARGE:											
7	ON PEAK KW			315,104	\$13.78	4,342,133	12.6	526,224	12.1		4,342,133	0.0
8	OFF PEAK KW			17,816	\$1.24	22,092	0.1	2,672	12.1		22,092	12.1
9	SUB-TOTAL			332,920		4,364,225	12.6	528,896	12.1		4,364,225	12.1
10	PRIMARY SERV. DIS.											
11	FIRST 1000 KW			124,908	(\$0.70)	(87,436)	(0.3)	(9,992)	11.4		(87,436)	11.4
12	ADDITIONAL KW			208,011	(\$0.54)	(112,326)	(0.3)	(14,561)	13.0		(112,326)	13.0
13	TOTAL DEMAND			332,919		4,164,463	12.0	504,343	12.1		4,164,463	12.1
14	ENERGY CHARGE (3):											
15	ON PEAK KWH			47,227,851	0.043450	2,052,050	5.9	248,513	12.1		2,052,050	12.1
16	OFF PEAK KWH			121,301,918	0.035582	4,316,165	12.5	522,569	12.1		4,316,165	12.1
17	TOTAL SUMMER		152	168,529,769		10,553,654	30.5	1,275,425	12.1		10,553,654	12.1
18	WINTER:											
19	CUSTOMER CHARGE:											
20	PRIMARY VOLTAGE		303		\$138.00	41,814	0.1	0	0.0		41,814	0.0
21	TOTAL CUSTOMER CHARGE		303			41,814	0.1	0	0.0		41,814	0.0
22	DEMAND CHARGE:											
23	ON PEAK KW			569,529	\$13.04	7,426,662	21.5	899,857	12.1		7,426,662	0.0
24	OFF PEAK KW			36,586	\$1.24	45,366	0.1	5,488	12.1		45,366	12.1
25	SUB-TOTAL			606,115		7,472,028	21.6	905,345	12.1		7,472,028	12.1
26	PRIMARY SERV. DIS.											
27	FIRST 1000 KW			264,575	(\$0.70)	(185,202)	(0.5)	(21,166)	11.4		(185,202)	11.4
28	ADDITIONAL KW			341,540	(\$0.54)	(184,431)	(0.5)	(23,908)	13.0		(184,431)	13.0
29	TOTAL DEMAND			606,114		7,102,395	20.6	860,271	12.1		7,102,395	12.1
30	ENERGY CHARGE (3):											
31	ON PEAK KWH			83,121,332	0.041479	3,447,790	10.0	417,269	12.1		3,447,790	12.1
32	OFF PEAK KWH			220,999,095	0.035582	7,863,590	22.8	952,064	12.1		7,863,590	12.1
33	TOTAL WINTER		303	304,120,427		18,455,589	53.4	2,229,604	12.1		18,455,589	12.1
34	TOTAL RATE DT PRIMARY EXCLUDING RIDERS		455	472,650,196		29,009,243	83.9	3,505,029	12.1	0	29,009,243	12.1
35	RIDERS:											
36	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.005091	2,406,262	7.0	0	0.0		2,406,262	0.0
37	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				18.16%	3,222,071	9.3	0	0.0		3,222,071	0.0
38	FUEL ADJUSTMENT CLAUSE (FAC)				0.000681					321,875	321,875	0.0
39	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(77,042)	(0.2)	0	0.0		(77,042)	0.0
40	TOTAL RIDERS					5,551,291	16.1	0	0.0	321,875	5,873,166	0.0
41	TOTAL RATE DT PRIMARY INCLUDING RIDERS		455	472,650,196		34,560,534	100.0	3,505,029	10.1	321,875	34,882,409	10.0

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.2
PAGE 5 OF 22
WITNESS:
J. L. Kern

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)
				(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1		DT-SEC TIME OF DAY SECONDARY										
2		SUMMER:										
3		CUSTOMER CHARGE:										
4		SINGLE PHASE	0		\$63.50	0	0.0	0	0.0		0	0.0
5		THREE PHASE	635		\$127.00	80,645	0.1	1,905	2.4		80,645	2.4
6		TOTAL CUSTOMER CHARGE	635			80,645	0.1	1,905	2.4		80,645	2.4
7		DEMAND CHARGE:										
8		ON PEAK KW		523,317	\$13.78	7,211,308	13.3	873,940	12.1		7,211,308	0.0
9		OFF PEAK KW		13,818	\$1.24	17,134	0.0	2,073	12.1		17,134	12.1
10		TOTAL DEMAND		537,135		7,228,442	13.4	876,013	12.1		7,228,442	12.1
11		ENERGY CHARGE (3):										
12		ON PEAK KWH		72,174,788	0.043450	3,135,995	5.8	379,783	12.1		3,135,995	12.1
13		OFF PEAK KWH		171,445,010	0.035582	6,100,356	11.3	738,585	12.1		6,100,356	12.1
14		TOTAL SUMMER	635	243,619,798		16,545,438	30.6	1,996,286	12.1		16,545,438	12.1
15		WINTER:										
16		CUSTOMER CHARGE:										
17		SINGLE PHASE	0		\$63.50	0	0.0	0	0.0		0	0.0
18		THREE PHASE	1,235		\$127.00	156,845	0.3	3,705	2.4		156,845	2.4
19		TOTAL CUSTOMER CHARGE	1,235			156,845	0.3	3,705	2.4		156,845	2.4
20		DEMAND CHARGE:										
21		ON PEAK KW		948,357	\$13.04	12,366,573	22.9	1,498,404	12.1		12,366,573	0.0
22		OFF PEAK KW		19,343	\$1.24	23,985	0.0	2,901	12.1		23,985	12.1
23		TOTAL DEMAND		967,699		12,390,558	22.9	1,501,305	12.1		12,390,558	12.1
24		ENERGY CHARGE (3):										
25		ON PEAK KWH		126,151,149	0.041479	5,232,624	9.7	633,278	12.1		5,232,624	12.1
26		OFF PEAK KWH		311,104,114	0.035582	11,069,707	20.5	1,340,236	12.1		11,069,707	12.1
27		TOTAL WINTER	1,235	437,255,263		28,849,734	53.4	3,478,524	12.1		28,849,734	12.1
28		TOTAL RATE DT SECONDARY EXCLUDING RIDERS	1,870	680,875,061		45,395,172	84.0	5,474,810	12.1		45,395,172	0.0
29		RIDERS:										
30		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	3,466,335	6.4	0	0.0		3,466,335	0.0
31		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	5,296,392	9.8	0	0.0		5,296,392	0.0
32		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					463,676	463,676	0.0
33		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(110,983)	(0.2)	0	0.0		(110,983)	0.0
34		TOTAL RIDERS				8,651,744	16.0	0	0.0	463,676	9,115,420	0.0
35		TOTAL RATE DT SECONDARY INCLUDING RIDERS	1,870	680,875,061		54,046,916	100.0	5,474,810	10.1	463,676	54,510,592	10.0

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.2
PAGE 6 OF 22
WITNESS:
J. L. Kern

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	EH	OPTIONAL RATE FOR										
2		ELEC. SPACE HEATING										
3		CUSTOMER CHARGE:										
4		SINGLE PHASE	106		\$17.14	1,817	0.3	(227)	(12.5)		1,817	(12.5)
5		THREE PHASE	368		\$34.28	12,615	1.8	(1,575)	(12.5)		12,615	(12.5)
6		PRIMARY VOLTAGE	0		\$117.00	0	0.0	0	0.0		0	0.0
7		TOTAL CUSTOMER CHARGE	474			14,432	2.1	(1,802)	(12.5)		14,432	(12.5)
8		DEMAND CHARGE:										
9		ALL KW		29,466	\$0.00	0	0.0	0	0.0		0	0.0
10		ENERGY CHARGE (3):										
11		ALL CONSUMPTION		9,252,534	0.062202	575,526	81.9	76,611	13.3		575,526	13.3
12		TOTAL RATE EH EXCLUDING RIDERS	474	9,252,534		589,958	84.0	74,809	12.7		589,958	12.7
13		RIDERS:										
14		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	47,105	6.7	0	0.0		47,105	0.0
15		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	67,084	9.5	0	0.0		67,084	0.0
16		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					6,301	6,301	0.0
17		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(1,508)	(0.2)	0	0.0		(1,508)	0.0
18		TOTAL RIDERS				112,681	16.0	0	0.0	6,301	118,982	0.0
19		TOTAL RATE EH INCLUDING RIDERS	474	9,252,534		702,639	100.0	74,809	10.6	6,301	708,940	10.6

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.2
PAGE 7 OF 22
WITNESS:
J. L. Kern

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	184		\$17.14	3,154	8.9	(394)	(12.5)		3,154	(12.5)
4		ENERGY CHARGE (3):										
5		ALL CONSUMPTION		276,447	0.096130	26,575	75.3	4,125	15.5		26,575	15.5
6		TOTAL RATE SP EXCLUDING RIDERS	184	276,447		29,729	84.2	3,731	12.6		29,729	12.6
7		RIDERS:										
8		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	1,407	4.0	0	0.0		1,407	0.0
9		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	4,202	11.9	0	0.0		4,202	0.0
10		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					188	188	0.0
11		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(45)	(0.1)	0	0.0		(45)	0.0
12		TOTAL RIDERS				5,564	15.8	0	0.0	188	5,752	0.0
13		TOTAL RATE SP INCLUDING RIDERS	184	276,447		35,293	100.0	3,731	10.6	188	35,481	10.5
14		GS-FL SMALL FIXED LOADS										
15		MINIMUM BILLS	540		\$2.98	1,609	0.2	205	12.7		1,609	12.7
16		BASE RATE (3):										
17		LOAD RANGE 540 TO 720 HRS	0	11,637	0.082708	962	0.1	121	12.6		962	12.6
18		LOAD RANGE LESS THAN 540 HRS	0	5,946,705	0.095240	566,364	83.8	71,533	12.6		566,364	12.6
19		TOTAL RATE GS-FL EXCLUDING RIDERS	540	5,958,342		568,935	84.2	71,859	12.6		568,935	12.6
20		RIDERS:										
21		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	30,334	4.5	0	0.0		30,334	0.0
22		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	77,526	11.5	0	0.0		77,526	0.0
23		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					4,058	4,058	0.0
24		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(971)	(0.1)	0	0.0		(971)	0.0
25		TOTAL RIDERS				106,889	15.8	0	0.0	4,058	110,947	0.0
26		TOTAL RATE GS-FL INCLUDING RIDERS	540	5,958,342		675,824	100.0	71,859	10.6	4,058	679,882	10.6

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 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. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.2
PAGE 8 OF 22
WITNESS:
J. L. Kern

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										
2		DISTRIBUTION VOLTAGE										
3		CUSTOMER CHARGE:										
4		LOAD MANAGEMENT RIDER	24		\$5.00	120	0.0	0	0.0	120	0.0	
5		PRIMARY VOLTAGE	120		\$117.00	14,040	0.8	0	0.0	14,040	0.0	
6		TOTAL CUSTOMER CHARGE	120			14,160	0.8	0	0.0	14,160	0.0	
7		DEMAND CHARGE:										
8		ALL KW		62,822	\$7.92	497,548	28.5	69,104	13.9	497,548	13.9	
9		TOTAL DEMAND		62,822		497,548	28.5	69,104	13.9	497,548	13.9	
10		ENERGY CHARGE (3):										
11		FIRST 300KWH/KW		13,650,634	0.051092	697,438	39.9	97,070	13.9	697,438	13.9	
12		ADDITIONAL KWH		6,000,465	0.043219	259,334	14.8	35,961	13.9	259,334	13.9	
13		CAP RATE KWH		0	0.241312	0	0.0	0	#DIV/0!	0	#DIV/0!	
14		TOTAL ENERGY		19,651,099		956,772	54.8	133,031	13.9	956,772	13.9	
15		TOTAL RATE DP EXCLUDING RIDERS	120	19,651,099		1,468,480	84.1	202,135	13.8	1,468,480	13.8	
16		RIDERS:										
17		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	100,044	5.7	0	0.0	100,044	0.0	
18		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	181,610	10.4	0	0.0	181,610	0.0	
20		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					13,382	0.0	
22		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(3,203)	(0.2)	0	0.0	(3,203)	0.0	
23		TOTAL RIDERS				278,451	15.9	0	0.0	13,382	0.0	
24		TOTAL RATE DP INCLUDING RIDERS	120	19,651,099		1,746,931	100.0	202,135	11.6	1,760,313	11.5	

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.2
PAGE 9 OF 22
WITNESS:
J. L. Kern

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		163,686	\$8.07	1,320,946	9.1	111,307	8.4		1,320,946	8.4
6		OFF PEAK KW		6,185	\$1.22	7,546	0.1	618	8.2		7,546	8.2
7		TOTAL DEMAND		169,871		1,328,492	9.2	111,925	8.4		1,328,492	8.4
8		ENERGY CHARGE (3):										
9		ON PEAK KWH		26,206,262	0.049051	1,285,443	8.9	108,914	8.5		1,285,443	8.5
10		OFF PEAK KWH		48,926,302	0.040168	1,965,272	13.5	166,496	8.5		1,965,272	8.5
11		TOTAL ENERGY		75,132,564		3,250,715	22.4	275,410	8.5		3,250,715	8.5
12		TOTAL SUMMER	52	75,132,564		4,605,207	31.7	387,335	8.4		4,605,207	8.4
13		WINTER:										
14		CUSTOMER CHARGE	103		\$500.00	51,500	0.4	0	0.0		51,500	0.0
15		DEMAND CHARGE:										
16		ON PEAK KW		315,522	\$6.62	2,088,757	14.4	176,692	8.5		2,088,757	8.5
17		OFF PEAK KW		11,740	\$1.22	14,323	0.1	1,174	8.2		14,323	8.2
18		TOTAL DEMAND		327,263		2,103,080	14.5	177,866	8.5		2,103,080	8.5
19		ENERGY CHARGE (3):										
20		ON PEAK KWH		45,565,318	0.046826	2,133,642	14.7	180,803	8.5		2,133,642	8.5
21		OFF PEAK KWH		103,358,288	0.040168	4,151,696	28.6	351,728	8.5		4,151,696	8.5
22		TOTAL ENERGY		148,923,606		6,285,338	43.3	532,531	8.5		6,285,338	8.5
23		TOTAL WINTER	103	148,923,606		8,439,918	58.2	710,397	8.4		8,439,918	8.4
24		TOTAL RATE TT EXCLUDING RIDERS	155	224,056,170		13,045,125	89.9	1,097,732	8.4		13,045,125	8.4
25		RIDERS:										
26		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.000463	103,738	0.7	0	0.0		103,738	0.0
27		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	1,399,101	9.6	0	0.0		1,399,101	0.0
28		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					152,582	152,582	0.0
30		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(36,521)	(0.3)	0	0.0		(36,521)	0.0
31		TOTAL RIDERS				1,466,318	10.1	0	0.0	152,582	1,618,900	0.0
32		TOTAL RATE TT INCLUDING RIDERS	155	224,056,170		14,511,443	100.0	1,097,732	7.6	152,582	14,664,025	7.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.2
PAGE 10 OF 22
WITNESS:
J. L. Kern

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										
2		DISTRIBUTION VOLTAGE										
3		CUSTOMER CHARGE:										
4		BILLS (Real-Time Pricing)	24		\$183.00	4,392	6.0	0	0.0		4,392	0.0
5		TOTAL CUSTOMER CHARGE				4,392	6.0	0	0.0		4,392	0.0
6		ENERGY CHARGE:										
7		ALL KWH		1,569,705	0.009104	14,291	19.5	14,577	102.0		14,291	102.0
8		COMMODITY CHARGES		1,569,705	0.029462	46,247	63.0	0	0.0	0	46,247	0.0
9		TOTAL ENERGY		1,569,705		60,538	82.4	14,577	24.1	0	60,538	24.1
10		TOTAL RATE DT RTP SECONDARY EXCLUDING RIDERS	24	1,569,705		64,930	88.4	14,577	22.5	0	64,930	22.5
11		RIDERS:										
12		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	7,991	10.9	0	0.0		7,991	0.0
13		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	798	1.1	0	0.0		798	0.0
14		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(256)	(0.3)	0	0.0		(256)	0.0
15		TOTAL RIDERS				8,533	11.6	0	0.0	0	8,533	0.0
16		TOTAL RATE DT RTP SECONDARY INCLUDING RIDERS	24	1,569,705		73,463	100.0	14,577	19.8	0	73,463	19.8

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.2
PAGE 10 OF 22
WITNESS:
J. L. Kern

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 (F - K) (M)	% INCR IN REV LESS FUEL COST (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										
2		DISTRIBUTION VOLTAGE										
3		CUSTOMER CHARGE:										
4		BILLS (Real-Time Pricing)	24		\$183.00	4,392	6.0	0	0.0		4,392	0.0
5		TOTAL CUSTOMER CHARGE				4,392	6.0	0	0.0		4,392	0.0
6		ENERGY CHARGE:										
7		ALL KWH		1,569,705	0.009104	14,291	19.5	14,577	102.0		14,291	102.0
8		COMMODITY CHARGES		1,569,705	0.029462	46,247	63.0	0	0.0	0	46,247	0.0
9		TOTAL ENERGY		1,569,705		60,538	82.4	14,577	24.1	0	60,538	24.1
10		TOTAL RATE DT RTP SECONDARY EXCLUDING RIDERS	24	1,569,705		64,930	88.4	14,577	22.5	0	64,930	22.5
11		RIDERS:										
12		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	7,991	10.9	0	0.0		7,991	0.0
13		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	798	1.1	0	0.0		798	0.0
14		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(256)	(0.3)	0	0.0		(256)	0.0
15		TOTAL RIDERS				8,533	11.6	0	0.0	0	8,533	0.0
16		TOTAL RATE DT RTP SECONDARY INCLUDING RIDERS	24	1,569,705		73,463	100.0	14,577	19.8	0	73,463	19.8

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.2
PAGE 12 OF 22
WITNESS:
J. L. Kern

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	0.9	0	0.0		4,392	0.0
5		TOTAL CUSTOMER CHARGE				4,392	0.9	0	0.0		4,392	0.0
6		ENERGY CHARGE:										
7		ALL KWH		14,214,991	0.003576	50,833	9.8	43,014	84.6		50,833	84.6
8		COMMODITY CHARGES		14,214,991	0.032086	456,102	88.3	0	0.0	0	456,102	0.0
9		TOTAL ENERGY		14,214,991		506,935	98.2	43,014	8.5	0	506,935	8.5
10		TOTAL RATE TT RTP EXCLUDING RIDERS	24	14,214,991		511,327	99.0	43,014	8.4	0	511,327	8.4
11		RIDERS:										
12		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.000463	6,582	1.3	0	0.0		6,582	0.0
13		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	798	0.2	0	0.0		798	0.0
14		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(2,317)	(0.4)	0	0.0		(2,317)	0.0
15		TOTAL RIDERS				5,063	1.0	0	0.0	0	5,063	0.0
16		TOTAL RATE TT RTP INCLUDING RIDERS	24	14,214,991		516,390	100.0	43,014	8.3	0	516,390	8.3

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.2
PAGE 13 OF 22
WITNESS RESPONSIBLE:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES(1A) (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 (M / K) (N)	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	66,375	4,441,594	7.27	482,546	31.5	59,074	12.2	3,025	485,571	12.2
5		7,000 LUMEN (OPEN)	60	4,265	6.07	364	0.0	45	12.4	3	367	12.3
6		7,000 LUMEN (4)	12	803	11.71	141	0.0	17	12.1	1	142	12.0
7		7,000 LUMEN (5)	511	34,194	11.77	6,014	0.4	736	12.2	23	6,037	12.2
8		7,000 LUMEN (6)	108	7,227	12.66	1,367	0.1	168	12.3	5	1,372	12.2
9		7,000 LUMEN (8A)	132	8,833	14.43	1,905	0.1	233	12.2	6	1,911	12.2
10		10,000 LUMEN	2,104	200,581	8.39	17,653	1.2	2,167	12.3	137	17,790	12.2
11		10,000 LUMEN (5)	0	0	12.89	0	0.0	0	0.0	0	0	0.0
12		21,000 LUMEN	9,336	1,391,842	11.23	104,843	6.8	12,884	12.3	948	105,791	12.2
13		21,000 LUMEN (5)	132	19,679	15.73	2,076	0.1	255	12.3	13	2,089	12.2
14		21,000 LUMEN (6)	132	19,679	16.62	2,194	0.1	269	12.3	13	2,207	12.2
15		METAL HALIDE:										
16		14,000 LUMEN	328	21,949	7.27	2,385	0.2	291	12.2	15	2,400	12.1
17		14,000 LUMEN (5)	48	3,212	11.77	565	0.0	69	12.2	2	567	12.2
18		14,000 LUMEN (6)	84	5,621	12.66	1,063	0.1	131	12.3	4	1,067	12.3
19		14,000 LUMEN (10)	12	803	11.77	141	0.0	18	12.8	1	142	12.7
20		20,500 LUMEN	168	16,016	8.39	1,410	0.1	173	12.3	11	1,421	12.2
21		20,500 LUMEN (6)	24	2,288	13.78	331	0.0	40	12.1	2	333	12.0
22		36,000 LUMEN	0	0	11.23	0	0.0	0	0.0	0	0	0.0
23		SODIUM VAPOR:										
24		9,500 LUMEN	18,953	769,176	8.04	152,382	9.9	18,764	12.3	524	152,906	12.3
25		9,500 LUMEN (OPEN)	120	4,870	6.04	725	0.0	89	12.3	3	728	12.2
26		9,500 LUMEN (4)	48	1,948	12.48	599	0.0	73	12.2	1	600	12.2
27		9,500 LUMEN (5)	674	27,353	12.54	8,452	0.6	1,038	12.3	19	8,471	12.3
28		9,500 LUMEN (6)	612	24,837	13.43	8,219	0.5	1,010	12.3	17	8,236	12.3
29		16,000 LUMEN	372	22,041	8.77	3,262	0.2	402	12.3	15	3,277	12.3
30		16,000 LUMEN (5)	12	711	13.27	159	0.0	20	12.6	0	159	12.6
31		16,000 LUMEN (6)	108	6,399	14.16	1,529	0.1	188	12.3	4	1,533	12.3
32		22,000 LUMEN	5,346	422,334	11.37	60,784	4.0	7,431	12.2	288	61,072	12.2
33		22,000 LUMEN (4)	0	0	15.81	0	0.0	0	0.0	0	0	0.0
34		22,000 LUMEN (5)	204	16,116	15.87	3,237	0.2	396	12.2	11	3,248	12.2
35		22,000 LUMEN (6)	72	5,688	16.76	1,207	0.1	147	12.2	4	1,211	12.1
36		22,000 LUMEN (8)	12	948	18.46	222	0.0	27	12.2	1	223	12.1
37		27,500 LUMEN	96	7,584	11.37	1,092	0.1	133	12.2	5	1,097	12.1
38		27,500 LUMEN (6)	12	948	16.76	201	0.0	25	12.4	1	202	12.4
39		50,000 LUMEN	9,645	1,574,546	15.28	147,376	9.6	18,036	12.2	1,072	148,448	12.1
40		50,000 LUMEN (5)	264	43,098	19.78	5,222	0.3	639	12.2	29	5,251	12.2
41		50,000 LUMEN (6)	633	103,337	20.67	13,084	0.9	1,602	12.2	70	13,154	12.2

(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 \$0.000681 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. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.2
PAGE 14 OF 22
WITNESS RESPONSIBLE:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KWH)	MOST CURRENT RATES(1A) (J) (\$/UNIT)	CURRENT REVENUE LESS FUEL COST REVENUE (K) (\$)	% OF REV TO TOTAL 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) (I) (\$)	TOTAL REVENUE % INCREASE (M / K1) (O) (%)
42	SL	STREET LIGHTING – CO OWNED & MAINTAINED (CONTD.)										
43		OVERHEAD DISTRIBUTION (CONTD.):										
44		DECORATIVE SODIUM VAPOR:										
45		9,500 LUMEN RECTILINEAR	0	0	10.00	0	0.0	0	0.0	0	0	0.0
46		22,000 LUMEN RECTILINEAR	12	1,023	12.36	148	0.0	19	12.8	1	149	12.8
47		50,000 LUMEN RECTILINEAR	132	21,549	16.35	2,158	0.1	266	12.3	15	2,173	12.2
48		50,000 LUMEN RECTILINEAR (5)	180	29,385	20.85	3,753	0.2	461	12.3	20	3,773	12.2
49		50,000 LUMEN RECTILINEAR (6)	0	0	21.74	0	0.0	0	0.0	0	0	0.0
50		50,000 LUMEN SETBACK	216	35,262	24.31	5,251	0.3	644	12.3	24	5,275	12.2
51		50,000 LUMEN SETBACK (6)	36	5,877	29.70	1,069	0.1	131	12.3	4	1,073	12.2
52		TOTAL OVERHEAD	117,325	9,303,616		1,045,129	68.1	128,111	12.3	6,336	1,051,466	12.2
53		UNDERGROUND DISTRIBUTION:										
54		MERCURY VAPOR:										
55		7,000 LUMEN	60	4,370	7.40	444	0.0	55	12.4	3	447	12.3
56		7,000 LUMEN (OPEN)	0	0	6.07	0	0.0	0	0.0	0	0	0.0
57		7,000 LUMEN (4)	566	41,224	11.84	6,701	0.4	821	12.3	28	6,729	12.2
58		7,000 LUMEN (5)	4	291	11.90	48	0.0	5	10.4	0	48	10.4
59		7,000 LUMEN (8)	348	25,346	14.49	5,043	0.3	619	12.3	17	5,060	12.2
60		10,000 LUMEN	0	0	8.54	0	0.0	0	0.0	0	0	0.0
61		10,000 LUMEN (4)	84	8,505	12.98	1,090	0.1	134	12.3	6	1,096	12.2
62		10,000 LUMEN (8)	156	15,795	15.63	2,438	0.2	300	12.3	11	2,449	12.2
63		21,000 LUMEN	96	15,312	11.50	1,104	0.1	135	12.2	10	1,114	12.1
64		21,000 LUMEN (8)	132	21,054	18.59	2,454	0.2	301	12.3	14	2,468	12.2
65		METAL HALIDE:										
66		14,000 LUMEN	0	0	7.40	0	0.0	0	0.0	0	0	0.0
67		20,500 LUMEN	0	0	8.54	0	0.0	0	0.0	0	0	0.0
68		36,000 LUMEN	0	0	11.50	0	0.0	0	0.0	0	0	0.0
69		SODIUM VAPOR:										
70		9,500 LUMEN	0	0	8.04	0	0.0	0	0.0	0	0	0.0
71		9,500 LUMEN (6)	24	974	13.43	322	0.0	40	12.4	1	323	12.4
72		9,500 LUMEN (8)	588	23,863	15.13	8,896	0.6	1,094	12.3	16	8,912	12.3
73		9,500 LUMEN (10)	24	974	12.54	301	0.0	37	12.3	1	302	12.3
74		9,500 LUMEN (13)	12	487	16.83	202	0.0	25	12.4	0	202	12.4
75		9,500 LUMEN (OPEN)	0	0	6.12	0	0.0	0	0.0	0	0	0.0
76		16,000 LUMEN	0	0	8.74	0	0.0	0	0.0	0	0	0.0
77		16,000 LUMEN (6)	24	1,422	14.13	339	0.0	42	12.4	1	340	12.4
78		22,000 LUMEN	228	18,012	11.37	2,592	0.2	317	12.2	12	2,604	12.2
79		22,000 LUMEN (5)	60	4,740	15.87	952	0.1	117	12.3	3	955	12.3
80		22,000 LUMEN (8)	530	41,870	18.46	9,784	0.6	1,198	12.2	29	9,813	12.2
81		22,000 LUMEN (8A)	48	3,792	18.53	889	0.1	109	12.3	3	892	12.2
82		27,500 LUMEN	0	0	11.37	0	0.0	0	0.0	0	0	0.0
83		27,500 LUMEN (9)	252	19,908	25.53	6,434	0.4	788	12.2	14	6,448	12.2
84		50,000 LUMEN	342	55,832	15.28	5,226	0.3	639	12.2	38	5,264	12.1
85		50,000 LUMEN (8)	72	11,754	22.37	1,611	0.1	197	12.2	8	1,619	12.2
86		50,000 LUMEN (9)	132	21,549	29.44	3,886	0.3	477	12.3	15	3,901	12.2
87		DECORATIVE MERCURY VAPOR:										
88		7,000 LUMEN TOWN & COUNTRY	0	0	7.65	0	0.0	0	0.0	0	0	0.0
89		7,000 LUMEN TOWN & COUNTRY (3)	216	15,354	12.15	2,624	0.2	322	12.3	10	2,634	12.2
90		7,000 LUMEN TOWN & COUNTRY (10)	5,870	417,259	12.15	71,321	4.6	8,746	12.3	284	71,605	12.2
91		7,000 LUMEN HOLOPHANE	24	1,748	9.61	231	0.0	28	12.1	1	232	12.1
92		7,000 LUMEN HOLOPHANE (10)	1,908	138,966	14.11	26,922	1.8	3,301	12.3	95	27,017	12.2
93		7,000 LUMEN GAS REPLICA (7)	96	6,992	34.19	3,282	0.2	402	12.2	5	3,287	12.2
94		7,000 LUMEN GRANVILLE	0	0	7.73	0	0.0	0	0.0	0	0	0.0
95		7,000 LUMEN GRANVILLE (7)	0	0	19.96	0	0.0	0	0.0	0	0	0.0
96		7,000 LUMEN ASPEN	24	1,748	13.91	334	0.0	41	12.3	1	335	12.2

(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 \$0.000681 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. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.2
PAGE 15 OF 22
WITNESS RESPONSIBLE:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KWH)	MOST CURRENT RATES(1A) (J) (\$/UNIT)	CURRENT REVENUE LESS FUEL COST (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) (K1) (\$)	TOTAL REVENUE % INCREASE (M / K1) (O) (%)
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	7.64	0	0.0	0	0.0	0	0	0.0
101	14,000	LUMEN TRADITIONAIRE (7)	60	4,265	19.87	1,192	0.1	147	12.3	3	1,195	12.3
102	14,000	LUMEN TRADITIONAIRE (10)	468	33,267	12.14	5,682	0.4	697	12.3	23	5,705	12.2
103	14,000	LUMEN GRANVILLE	0	0	13.91	0	0.0	0	0.0	0	0	0.0
104	14,000	LUMEN GRANVILLE (11)	0	0	27.06	0	0.0	0	0.0	0	0	0.0
105	14,000	LUMEN GAS REPLICA	0	0	22.04	0	0.0	0	0.0	0	0	0.0
106	14,500	LUMEN GAS REPLICA	0	0	22.04	0	0.0	0	0.0	0	0	0.0
107	14,500	LUMEN GAS REPLICA (7)	288	20,976	34.27	9,870	0.6	1,209	12.2	14	9,884	12.2
108	14,500	LUMEN GAS REPLICA (10)	60	4,370	26.54	1,592	0.1	195	12.2	3	1,595	12.2
109		DECORATIVE SODIUM VAPOR:										
110	9,500	LUMEN TOWN & COUNTRY	96	3,896	11.17	1,072	0.1	132	12.3	3	1,075	12.3
111	9,500	LUMEN TOWN & COUNTRY (10)	1,905	77,311	15.67	29,851	1.9	3,658	12.3	53	29,904	12.2
112	9,500	LUMEN HOLOPHANE	576	25,536	12.10	6,970	0.5	852	12.2	17	6,987	12.2
113	9,500	LUMEN HOLOPHANE (10)	312	13,832	16.60	5,179	0.3	634	12.2	9	5,188	12.2
114	9,500	LUMEN GAS REPLICA (7)	132	5,852	34.98	4,617	0.3	567	12.3	4	4,621	12.3
115	9,500	LUMEN GAS REPLICA (10)	12	532	27.25	327	0.0	40	12.2	0	327	12.2
116	9,500	LUMEN GAS REPLICA (11)	312	13,832	35.90	11,201	0.7	1,373	12.3	9	11,210	12.2
117	9,500	LUMEN ASPEN (7)	888	39,368	14.09	12,512	0.8	1,536	12.3	27	12,539	12.2
118	9,500	LUMEN TRADITIONAIRE	0	0	11.17	0	0.0	0	0.0	0	0	0.0
119	9,500	LUMEN TRADITIONAIRE (10)	696	28,246	15.67	10,906	0.7	1,337	12.3	19	10,925	12.2
120	9,500	LUMEN GRANVILLE	0	0	14.09	0	0.0	0	0.0	0	0	0.0
121	9,500	LUMEN GRANVILLE (7)	0	0	26.32	0	0.0	0	0.0	0	0	0.0
122	9,500	LUMEN GRANVILLE (10)	0	0	16.59	0	0.0	0	0.0	0	0	0.0
123	9,500	LUMEN GRANVILLE (11)	0	0	27.24	0	0.0	0	0.0	0	0	0.0
124	22,000	LUMEN RECTILINEAR	0	0	12.42	0	0.0	0	0.0	0	0	0.0
125	22,000	LUMEN RECTILINEAR (12)	176	15,004	20.98	3,692	0.2	453	12.3	10	3,702	12.2
126	50,000	LUMEN RECTILINEAR	0	0	16.41	0	0.0	0	0.0	0	0	0.0
127	50,000	LUMEN RECTILINEAR (12)	36	5,877	24.97	899	0.1	110	12.2	4	903	12.2
128	50,000	LUMEN RECTILINEAR (13)	204	33,303	25.20	5,141	0.3	630	12.3	23	5,164	12.2
129	50,000	LUMEN SETBACK	0	0	24.31	0	0.0	0	0.0	0	0	0.0
130		TOTAL UNDERGROUND	18,141	1,244,608		276,173	18.0	33,860	12.3	848	277,020	12.2
131		RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH):										
132		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	195,592	12.8	0	0.0		195,592	0.0
133		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(1,719)	(0.1)	0	0.0		(1,719)	0.0
134		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				193,873	12.6	0	0.0		193,873	0.0
135		ADD'L FACILITIES CHARGE:										
136		OVERHEAD	5,025		0.53	2,663	0.2	352	13.2		2,663	13.2
137		UNDERGROUND	20,883		0.77	16,080	1.0	1,879	11.7		16,080	11.7
138		TOTAL ADD'L FACILITIES CHG	25,908			18,743	1.2	2,231	11.9	0	18,743	11.9
139		TOTAL RATE SLI NCLUDING RIDERS	135,466	10,548,224		1,533,918	100.0	164,202	10.7	7,183	1,541,102	10.7

(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 \$0.000681 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. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.2
PAGE 16 OF 22
WITNESS:
J. L. Kern

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 SUPPLIES ENERGY ONLY (3):										
4												
5	ALL CONSUMPTION		77,027	687,336	0.038903	26,739	33.7	3,280	12.3	468	27,207	12.1
6	(B)	WHERE COMPANY SUPPLIES ENERGY FROM A SEPARATELY METERED SOURCE AND PROVIDES LIMITED MAINTENANCE:										
7												
8												
9												
10												
11	ALL CONSUMPTION		0	0	0.021543	0	0.0	0	0.0	0	0	0.0
12	(B)	WHERE COMPANY SUPPLIES ENERGY AND PROVIDES LIMITED MAINTENANCE (3):										
13												
14												
15												
16	ALL CONSUMPTION		18,876	758,460	0.060446	45,846	57.6	5,623	12.3	517	46,363	12.1
17	TOTAL RATE TL EXCLUDING RIDERS		95,903	1,445,796		72,585	91.4	8,903	12.3	985	73,570	12.1
18	RIDERS NOT INCLUDED IN RATES ABOVE:											
19	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				18.16%	7,102	8.9	0	0.0		7,102	0.0
20	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(236)	(0.3)	0	0.0		(236)	0.0
21	TOTAL RIDERS NOT INCLUDED IN RATES ABOVE					6,866	8.6	0	0.0		6,866	0.0
22	TOTAL RATE TL INCLUDING RIDERS		95,903	1,445,796		79,451	100.0	8,903	11.2	985	80,436	11.1

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.2
PAGE 17 OF 22
WITNESS:
J. L. Kern

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 (K + H)	TOTAL REVENUE % INCREASE (M / K1)
	(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1		UOLS UNMETERED OUTDOOR LIGHTING SERV										
2	BASE RATE		89,792	4,292,584	0.038305	164,427	93.7	20,167	12.3	2,923	167,350	12.1
3	RIDERS NOT INCLUDED IN RATES ABOVE:											
4	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				18.16%	11,809	6.7	0	0.0		11,809	0.0
5	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(700)	(0.4)	0	0.0		(700)	0.0
6	TOTAL RIDERS NOT INCLUDED IN RATES ABOVE					11,109	6.3	0	0.0		11,109	0.0
7	TOTAL RATE UOLS INCLUDING RIDERS		89,792	4,292,584		175,536	100.0	20,167	11.5	2,923	178,459	11.3

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.2
PAGE 18 OF 22
WITNESS:
J. L. Kern

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 (K + H)	TOTAL REVENUE % INCREASE (M / K1)
(A)	(B)	(C)	(D)	(J)	(K)	(L)	(M)	(N)	(H)	(K)	(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	9.42	0	0.0	0	0.0	0	0	0.0
5		2,500 LUMEN MULTIPLE	144	9,432	7.32	1,054	1.3	130	12.3	6	1,060	12.3
6		(2) HOLOPHANE DECORATIVE:										
7		10,000 LUMEN MV W										
8		17' FIBERGLASS POLE	372	37,665	17.16	6,384	8.0	781	12.2	26	6,410	12.2
9		(3) STREET LGT UNITS (OH)										
10		2,500 LUMEN INCANDESCENT	840	55,020	7.26	6,098	7.7	748	12.3	37	6,135	12.2
11		2,500 LUMEN MERCURY VAPOR	7,372	278,293	6.87	50,646	63.6	6,192	12.2	188	50,834	12.2
12		21,000 LUMEN MERCURY VAPOR	408	65,076	10.89	4,443	5.6	547	12.3	44	4,487	12.2
13		TOTAL COMPANY OWNED	9,136	445,486		68,625	86.2	8,398	12.2	303	68,928	12.2
14		(B) CUSTOMER OWNED WITH LTD MAINT										
15		(1) BOULEVARD INCANDESCENT(UG):										
16		2,500 LUMEN SERIES	0	0	5.56	0	0.0	0	0.0	0	0	0.0
17		2,500 LUMEN MULTIPLE	60	3,930	7.07	424	0.5	52	0.0	3	427	12.2
18		TOTAL CUSTOMER OWNED	60	3,930		424	0.5	52	12.3	3	427	12.2
19		TOTAL RATE NSU EXCLUDING RIDERS	9,196	449,416		69,049	86.7	8,450	12.2	306	69,355	12.2
20		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):										
21		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	10,649	13.4	0	0.0		10,649	0.0
22		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(73)	(0.1)	0	0.0		(73)	0.0
23		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				10,576	13.3	0	0.0		10,576	0.0
24		TOTAL RATE NSU INCLUDING RIDERS	9,196	449,416		79,625	100.0	8,450	10.6	306	79,931	10.6

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.2
PAGE 19 OF 22
WITNESS:
J. L. Kern

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	SC	STREET LIGHTING -										
2		CUST OWNED/LTD MAINT										
3		STANDARD UNIT-COBRAHEAD										
4		MERCURY VAPOR --										
5		7,000 LUMEN	0	0	4.28	0	0.0	0	0.0	0	0	0.0
6		10,000 LUMEN	0	0	5.45	0	0.0	0	0.0	0	0	0.0
7		21,000 LUMEN	0	0	7.56	0	0.0	0	0.0	0	0	0.0
8		METAL HALIDE --										
9		14,000 LUMEN	0	0	4.28	0	0.0	0	0.0	0	0	0.0
10		20,500 LUMEN	0	0	5.45	0	0.0	0	0.0	0	0	0.0
11		36,000 LUMEN	0	0	7.56	0	0.0	0	0.0	0	0	0.0
12		SODIUM VAPOR--										
13		9,500 LUMEN	0	0	5.15	0	0.0	0	0.0	0	0	0.0
14		16,000 LUMEN	0	0	5.74	0	0.0	0	0.0	0	0	0.0
15		22,000 LUMEN	0	0	6.31	0	0.0	0	0.0	0	0	0.0
16		27,500 LUMEN	0	0	6.31	0	0.0	0	0.0	0	0	0.0
17		50,000 LUMEN	0	0	8.54	0	0.0	0	0.0	0	0	0.0
18		DECORATIVE UNITS:										
19		7,000 LUMEN MERCURY VAPOR--										
20		HOLOPHANE	0	0	5.44	0	0.0	0	0.0	0	0	0.0
21		TOWN & COUNTRY	0	0	5.39	0	0.0	0	0.0	0	0	0.0
22		GAS REPLICA	0	0	5.44	0	0.0	0	0.0	0	0	0.0
23		ASPEN	0	0	5.44	0	0.0	0	0.0	0	0	0.0
24		14,000 LUMEN METAL HALIDE--										
25		TRADITIONAIRE	0	0	5.39	0	0.0	0	0.0	0	0	0.0
26		GRANVILLE ACORN	0	0	5.44	0	0.0	0	0.0	0	0	0.0
27		GAS REPLICA	0	0	5.44	0	0.0	0	0.0	0	0	0.0
28		9,500 LUMEN SODIUM VAPOR--										
29		TOWN & COUNTRY	0	0	5.07	0	0.0	0	0.0	0	0	0.0
30		TRADITIONAIRE	0	0	5.07	0	0.0	0	0.0	0	0	0.0
31		GRANVILLE ACORN	0	0	5.29	0	0.0	0	0.0	0	0	0.0
32		RECTILINEAR	0	0	5.07	0	0.0	0	0.0	0	0	0.0
33		ASPEN	0	0	5.29	0	0.0	0	0.0	0	0	0.0
34		HOLOPHANE	0	0	5.29	0	0.0	0	0.0	0	0	0.0
35		GAS REPLICA	0	0	5.29	0	0.0	0	0.0	0	0	0.0
36		SODIUM VAPOR --										
37		22,000 LUMEN (RECTILINEAR)	0	0	6.68	0	0.0	0	0.0	0	0	0.0
38		50,000 LUMEN (RECTILINEAR)	0	0	8.84	0	0.0	0	0.0	0	0	0.0
39		CUST OWNED/CUST MAINT										
40		ENERGY ONLY	2,065	97,596	0.038305	3,738	93.7	459	12.3	66	3,804	12.1
41		TOTAL RATE SC EXCLUDING RIDERS	2,065	97,596		3,738	93.7	459	12.3	66	3,804	12.1
42		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):										
43		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	268	6.7	0	0.0		268	0.0
44		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(16)	(0.4)	0	0.0		(16)	0.0
45		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				252	6.3	0	0.0		252	0.0
46		TOTAL RATE SC INCLUDING RIDERS	2,065	97,596		3,990	100.0	459	11.5	66	4,056	11.3

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.2
PAGE 20 OF 22
WITNESS:
J. L. Kern

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 (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	6,900	490,475	7.45	51,405	22.8	6,279	12.2	334	51,739	12.1
5		HOLOPHANE	2,328	169,556	7.48	17,413	7.7	2,142	12.3	116	17,529	12.2
6		GAS REPLICA	698	50,838	7.48	5,221	2.3	642	12.3	35	5,256	12.2
7		ASPEN	132	9,614	7.48	987	0.4	122	12.4	7	994	12.3
8		METAL HALIDE 14,000 LUMEN:										
9		TRADITIONAIRE	3,204	227,751	7.45	23,870	10.6	2,915	12.2	155	24,025	12.1
10		GRANVILLE ACORN	0	0	7.48	0	0.0	0	0.0	0	0	0.0
11		GAS REPLICA	560	40,787	7.48	4,189	1.9	515	12.3	28	4,217	12.2
12		SODIUM VAPOR 9,500 LUMEN:										
13		TOWN & COUNTRY	3,211	130,313	8.12	26,073	11.5	3,211	12.3	89	26,162	12.3
15		HOLOPHANE	2,480	109,947	8.23	20,410	9.0	2,505	12.3	75	20,485	12.2
16		RECTILINEAR	974	39,528	8.12	7,909	3.5	974	12.3	27	7,936	12.3
17		GAS REPLICA	1,272	56,392	8.22	10,456	4.6	1,285	12.3	38	10,494	12.2
19		ASPEN	2,616	115,976	8.22	21,504	9.5	2,642	12.3	79	21,583	12.2
14		TRADITIONAIRE	0	0	8.12	0	0.0	0	0.0	0	0	0.0
18		GRANVILLE ACORN	156	6,916	8.22	1,282	0.6	158	12.3	5	1,287	12.3
20		SODIUM VAPOR:										
21		22,000 LUMEN (RECTILINEAR)	481	41,005	11.67	5,613	2.5	688	12.3	28	5,641	12.2
22		50,000 LUMEN (RECTILINEAR)	24	3,918	15.44	371	0.2	45	12.1	3	374	12.0
23		50,000 LUMEN (SETBACK)	0	0	15.44	0	0.0	0	0.0	0	0	0.0
24		TOTAL RATE SE EXCLUDING RIDERS	25,036	1,493,016		196,703	87.1	24,123	12.3	1,019	197,722	12.2
25		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):										
26		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	29,443	13.0	0	0.0		29,443	0.0
29		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(243)	(0.1)	0	0.0		(243)	0.0
30		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				29,200	12.9	0	0.0		29,200	0.0
31		TOTAL RATE SE INCLUDING RIDERS	25,036	1,493,016		225,903	100.0	24,123	10.7	1,018	226,922	10.6

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.2
PAGE 21 OF 22
WITNESS RESPONSIBLE:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES (D)	MOST CURRENT		CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS (F - K)	% INCR IN REV LESS (M / K)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
					RATES (J1)	RATES (J2)							
				(KWH)	(\$/UNIT)		(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	SL	STREET LIGHTING -- CO OWNED & MAINTAINED											
2		FIXTURES											
3	50W	Neighborhood	0	0	4.93	4.24	0	0.0	0	0.0	0	0	0.0
4	50W	Neighborhood with Lens	0	0	4.92	4.24	0	0.0	0	0.0	0	0	0.0
5	50W	Standard LED	0	0	5.58	4.24	0	0.0	0	0.0	0	0	0.0
6	70W	Standard LED	0	0	7.39	4.24	0	0.0	0	0.0	0	0	0.0
7	110W	Standard LED	0	0	8.38	5.17	0	0.0	0	0.0	0	0	0.0
8	150W	Standard LED	0	0	10.31	5.17	0	0.0	0	0.0	0	0	0.0
9	220W	Standard LED	0	0	14.38	4.24	0	0.0	0	0.0	0	0	0.0
10	280W	Standard LED	0	0	12.96	4.24	0	0.0	0	0.0	0	0	0.0
11	50W	Acorn LED	0	0	12.22	4.24	0	0.0	0	0.0	0	0	0.0
12	50W	Deluxe Acorn LED	0	0	15.56	4.24	0	0.0	0	0.0	0	0	0.0
13	70W	LED Open Deluxe Acorn	0	0	9.39	4.24	0	0.0	0	0.0	0	0	0.0
14	50W	Traditional LED	0	0	9.39	4.24	0	0.0	0	0.0	0	0	0.0
15	50W	Open Traditional LED	0	0	12.62	4.24	0	0.0	0	0.0	0	0	0.0
16	50W	Mini Bell LED	0	0	14.02	4.24	0	0.0	0	0.0	0	0	0.0
17	50W	Enterprise LED	0	0	18.83	4.24	0	0.0	0	0.0	0	0	0.0
18	70W	Sanibel LED	0	0	15.28	4.24	0	0.0	0	0.0	0	0	0.0
19	150W	Sanibel LED	0	0	13.04	5.17	0	0.0	0	0.0	0	0	0.0
20	150W	LED Teardrop	0	0	4.93	4.24	0	0.0	0	0.0	0	0	0.0
21	50W	LED Teardrop Pedestrian	0	0	4.92	4.24	0	0.0	0	0.0	0	0	0.0
22	220W	LED Shoebox	0	0	5.58	4.24	0	0.0	0	0.0	0	0	0.0
23	420W	LED Shoebox	0	0	7.39	4.24	0	0.0	0	0.0	0	0	0.0
24	530W	LED Shoebox	0	0	7.39	4.24	0	0.0	0	0.0	0	0	0.0
25	150W	LED Clermont LED	0	0	8.38	5.17	0	0.0	0	0.0	0	0	0.0
26	130W	Flood LED	0	0	10.31	5.17	0	0.0	0	0.0	0	0	0.0
27	260W	Flood LED	0	0	14.38	4.24	0	0.0	0	0.0	0	0	0.0
28	50W	Monticello LED	0	0	14.02	4.24	0	0.0	0	0.0	0	0	0.0
29	50W	Mitchell Finial	0	0	12.96	4.24	0	0.0	0	0.0	0	0	0.0
30	50W	Mitchell Ribs, Bands, and Medallions LED	0	0	12.22	4.24	0	0.0	0	0.0	0	0	0.0
31	50W	Mitchell Top Hat LED	0	0	15.56	4.24	0	0.0	0	0.0	0	0	0.0
32	50W	Mitchell Top Hat with Ribs, Bands, and Medallions LED	0	0	9.39	4.24	0	0.0	0	0.0	0	0	0.0
33	50W	Open Monticello LED	0	0	9.39	4.24	0	0.0	0	0.0	0	0	0.0
34		TOTAL LED FIXTURES	0	0	12.62	4.24	0	0.0	0	0.0	0	0	0.0
35	0		0	0	18.83	4.24	0	0.0	0	0.0	0	0	0.0
36		ENERGY CHARGE (1A)	0	0	15.28	4.24	0	0.0	0	0.0	0	0	0.0
37	0		0	0	13.04	5.17	0	0.0	0	0.0	0	0	0.0
38		POLES	0	0	15.56	4.24	0	0.0	0	0.0	0	0	0.0
39		Style A 12 Ft Long Anchor Base Top Tenon Aluminum	0	0	19.46	5.17	0	0.0	0	0.0	0	0	0.0
40		Style A 15 Ft Long Direct Buried Top Tenon Aluminum	0	0	4.01	4.24	0	0.0	0	0.0	0	0	0.0
41		Style A 15 Ft Long Anchor Base Top Tenon Aluminum	0	0	4.18	4.24	0	0.0	0	0.0	0	0	0.0
42		TOTAL LED FIXTURES	0	0			0	0.0	0	0.0	0	0	0.0
43		ENERGY CHARGE (1A)	0	0	0.038305		0	0.0	0	0.0	0	0	0.0

(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 \$0.000881 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.2
PAGE 22 OF 22
WITNESS RESPONSIBLE:
J. L. Kern

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 (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)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
44	LED	STREET LIGHTING -- LED (CONTD)										
45	POLES											
46	LED		0		9.30	0	0.0	0	0.0	0	0	0.0
47	POLES (CONTD)		0		24.46	0	0.0	0	0.0	0	0	0.0
48	Style A 27 Ft Long Anchor Base	Top Tenon Aluminum	0		24.73	0	0.0	0	0.0	0	0	0.0
49	Style A 35 Ft Long Direct Buried	Top Tenon Aluminum	0		9.30	0	0.0	0	0.0	0	0	0.0
50	Style A 32 Ft Long Anchor Base	Top Tenon Aluminum	0		15.74	0	0.0	0	0.0	0	0	0.0
51	Style A 41 Ft Long Direct Buried	Top Tenon Aluminum	0		12.13	0	0.0	0	0.0	0	0	0.0
52	Style B 12 Ft Long Anchor Base Post	Top Aluminum	0		11.80	0	0.0	0	0.0	0	0	0.0
53	Style C 12 Ft Long Anchor Base Post	Top Aluminum	0		14.59	0	0.0	0	0.0	0	0	0.0
54	Style C 12 Ft Long Anchor Base Davit	Steel	0		5.77	0	0.0	0	0.0	0	0	0.0
55	Style C 14 Ft Long Anchor Base Post	Top Tenon Steel	0		6.27	0	0.0	0	0.0	0	0	0.0
56	Style C 21 Ft Long Anchor Base Davit	Steel	0		9.44	0	0.0	0	0.0	0	0	0.0
57	Style C 23 Ft Long Anchor Base Boston Harbor	Steel	0		9.79	0	0.0	0	0.0	0	0	0.0
58	Style D 12 Ft Long Anchor Base Breakaway	Aluminum	0		8.32	0	0.0	0	0.0	0	0	0.0
59	Style E 12 Ft Long Anchor Base Post	Top Aluminum	0		9.84	0	0.0	0	0.0	0	0	0.0
60	Style F 12 Ft Long Anchor Base Post	Top Aluminum	0		28.29	0	0.0	0	0.0	0	0	0.0
61	Legacy Style 39 Ft Direct Buried Single or Twin Side Mount	Aluminum Satin F	0		5.64	0	0.0	0	0.0	0	0	0.0
62	Legacy Style 27 Ft Long Anchor Base Side Mount	Aluminum Pole Satin Finisl	0		4.83	0	0.0	0	0.0	0	0	0.0
63	Legacy Style 33 Ft Long Anchor Base Side Mount	Aluminum Pole Satin Finisl	0		5.80	0	0.0	0	0.0	0	0	0.0
64	Legacy Style 37 Ft Long Anchor Base Side Mount	Aluminum Pole Satin Finisl	0		5.02	0	0.0	0	0.0	0	0	0.0
65	30' Class 7 Wood Pole		0		6.06	0	0.0	0	0.0	0	0	0.0
66	35' Class 5 Wood Pole		0		9.32	0	0.0	0	0.0	0	0	0.0
67	40' Class 4 Wood Pole		0		7.21	0	0.0	0	0.0	0	0	0.0
68	45' Class 4 Wood Pole		0		10.39	0	0.0	0	0.0	0	0	0.0
69	15' Style A - Fluted - for Shroud - Aluminum Direct Buried Pole		0		8.52	0	0.0	0	0.0	0	0	0.0
70	20' Style A - Fluted - for Shroud - Aluminum Direct Buried Pole		0		11.58	0	0.0	0	0.0	0	0	0.0
71	15' Style A - Smooth - for Shroud - Aluminum Direct Buried Pole		0		9.84	0	0.0	0	0.0	0	0	0.0
72	20' Style A - Smooth - for Shroud - Aluminum Direct Buried Pole		0		12.49	0	0.0	0	0.0	0	0	0.0
73	Shroud - Standard Style for anchor base poles		0		6.87	0	0.0	0	0.0	0	0	0.0
74	Shroud - Style B Pole for smooth and fluted poles		0		9.30	0	0.0	0	0.0	0	0	0.0
75	Shroud - Style C Pole for smooth and fluted poles		0		12.45	0	0.0	0	0.0	0	0	0.0
76	Shroud - Style D Pole for smooth and fluted poles		0		24.46	0	0.0	0	0.0	0	0	0.0
77	TOTAL LED POLES		0		9.97	0	0.0	0	0.0	0	0	0.0
78	0		0		24.73	0	0.0	0	0.0	0	0	0.0
79	POLE FOUNDATIONS		0		9.21	0	0.0	0	0.0	0	0	0.0
80	Flush - Pre-fabricated - Style A Pole		0		9.30	0	0.0	0	0.0	0	0	0.0
81	Flush - Pre-fabricated - Style B Pole		0		9.96	0	0.0	0	0.0	0	0	0.0
82	Flush - Pre-fabricated - Style C Pole		0		8.32	0	0.0	0	0.0	0	0	0.0
83	Flush - Pre-fabricated - Style E Pole		0		9.84	0	0.0	0	0.0	0	0	0.0
84	Flush - Pre-fabricated - Style F Pole		0		28.29	0	0.0	0	0.0	0	0	0.0
85	Flush - Pre-fabricated - Style D Pole		0		15.74	0	0.0	0	0.0	0	0	0.0
86	Reveal - Pre-fabricated - Style A Pole		0		12.13	0	0.0	0	0.0	0	0	0.0
87	Reveal - Pre-fabricated - Style B Pole		0		11.80	0	0.0	0	0.0	0	0	0.0
88	Reveal - Pre-fabricated - Style C Pole		0		14.59	0	0.0	0	0.0	0	0	0.0
89	Reveal - Pre-fabricated - Style D Pole		0		5.77	0	0.0	0	0.0	0	0	0.0
90	Reveal - Pre-fabricated - Style E Pole		0		6.27	0	0.0	0	0.0	0	0	0.0
91	Reveal - Pre-fabricated - Style F Pole		0		9.44	0	0.0	0	0.0	0	0	0.0
92	Screw-in Foundation		0		9.79	0	0.0	0	0.0	0	0	0.0
93	TOTAL LED POLE FOUNDATIONS		0		0	0	0.0	0	0.0	0	0	0.0
(1) THE RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH):												
(1A) RE	0				18.16%	0	0.0	0	0.0	0	0	0.0
96	0				0.000681	0	0.0	0	0.0	0	0	0.0
97	0				(0.000163)	0	0.0	0	0.0	0	0	0.0
98	TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				0	0	0.0	0	0.0	0	0	0.0
99	TOTAL RATE LED INCLUDING RIDERS		0	0	0	0	0.0	0	0.0	0	0	0.0

(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 \$0.000681 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.3
PAGE 1 OF 23
WITNESS:
J. L. Kern

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	1,552,696	1,474,920,684	11.1775	164,859,810	100.00	1,004,421	165,864,231
2	<u>TOTAL RESIDENTIAL</u>		1,552,696	1,474,920,684	11.1775	164,859,810	39.27	1,004,421	165,864,231
<u>DISTRIBUTION</u>									
3	DS	DISTRIBUTION SERV	156,672	1,089,223,051	10.7261	116,831,189	53.61	741,761	117,572,950
4	DT-PRI	TIME OF DAY	455	472,650,196	8.0536	38,065,563	17.47	321,875	38,387,438
5	DT-SEC	TIME OF DAY	1,870	680,875,061	8.7419	59,521,726	27.31	463,676	59,985,402
6	EH	ELEC SPACE HEATING	474	9,252,534	8.4025	777,448	0.36	6,301	783,749
7	SP	SPORTS SERV	184	276,447	14.1163	39,024	0.02	188	39,212
8	GSFL	SMALL FIXED LOADS	540	5,958,342	12.5485	747,683	0.34	4,058	751,741
9	DP	PRIMARY VOLTAGE	120	19,651,099	9.9184	1,949,066	0.89	13,382	1,962,448
10	<u>TOTAL DISTRIBUTION</u>		160,315	2,277,886,730	9.5673	217,931,699	51.92	1,551,241	219,482,940
<u>TRANSMISSION</u>									
11	TT	TIME OF DAY	155	224,056,170	6.9666	15,609,175	100.00	152,582	15,761,757
12	<u>TOTAL TRANSMISSION</u>		155	224,056,170	6.9666	15,609,175	3.72	152,582	15,761,757
<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	1,569,705	5.6087	88,040	12.51	0	88,040
15	DS-RTP	REAL TIME PRICING	36	801,933	7.0518	56,551	8.03	0	56,551
16	TT-RTP	REAL TIME PRICING	24	14,214,991	3.9353	559,404	79.46	0	559,404
17	<u>TOTAL REAL TIME PRICING</u>		84	16,586,629	4.2444	703,995	0.17	0	703,995
<u>LIGHTING</u>									
18	SL	STREET LIGHTING	135,466	10,548,224	16.0986	1,698,120	73.05	7,183	1,705,305
19	TL	TRAFFIC LIGHTING	95,903	1,445,796	6.1111	88,354	3.80	985	89,339
20	UOLS	UNMTRD OUTDR LIGHT	89,792	4,292,584	4.5591	195,703	8.42	2,923	198,626
21	NSU	NON STD STREET LIGHT	9,196	449,416	19.5977	88,075	3.79	306	88,381
22	SC	CUST OWNED STREET LIGHTING	2,065	97,596	4.5586	4,449	0.19	66	4,515
23	SE	OVR HD EQUIV STREET LIGHTING	25,036	1,493,016	16.7464	250,026	10.76	1,018	251,045
24	LED	LED OUTDOOR LIGHT	0	0	-	0	0.00	0	0
25	<u>TOTAL LIGHTING</u>		357,458	18,326,632	12.6850	2,324,727	0.55	12,481	2,337,211
<u>OTHER MISC REVENUE</u>									
26	ID01	INTERDEPARTMENTAL	12	882,413	8.6500	76,356	0.42	601	76,957
27		PJM AND TRANSMISSION	0	0	-	3,468,212	18.90	0	3,468,212
28		BAD CHECK CHARGES	0	0	-	34,903	0.19	0	34,903
29		RECONNECTION CHGS	0	0	-	52,646	0.29	0	52,646
30		POLE AND LINE ATTACHMENTS	0	0	-	703,039	3.83	0	703,039
31		RENTS	0	0	-	1,005,121	5.48	0	1,005,121
32	WS	SPECIAL CONTRACTS	132	349,821	5.3200	18,610	0.10	238	18,848
33		OTHER MISC	0	0	-	12,987,072	70.79	0	12,987,072
34	<u>TOTAL MISC REVENUE</u>		144	1,232,234	1488.8400	18,345,960	4.37	839	18,346,799
35	<u>TOTAL</u>		2,070,852	4,013,009,079	10.4600	419,775,366	100.00	2,721,564	422,496,933

(1) DETAIL CONTAINED ON SCHEDULES M-2.3 PAGES 2 THROUGH 22.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.3
PAGE 2 OF 23
WITNESS:
J. L. Kern

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		1,552,696		\$14.00	21,737,744	13.2		21,737,744
4	ENERGY CHARGE (3):								
5	ALL KWH			1,474,920,684	0.084272	124,294,516	75.4		124,294,516
6	TOTAL RATE RS EXCLUDING RIDERS		1,552,696	1,474,920,684		146,032,260	88.6		146,032,260
7	RIDERS:								
8	HOME ENERGY ASSISTANCE (HEA)				\$0.10	155,270	0.1		155,270
9	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.003035	4,476,384	2.7		4,476,384
10	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)					14,436,308	8.8		14,436,308
11	FUEL ADJUSTMENT CLAUSE (FAC)				0.000681		0.0	1,004,421	1,004,421
12	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(240,412)	(0.1)		(240,412)
13	TOTAL RIDERS					18,827,550	11.4	1,004,421	19,831,971
14	TOTAL RATE RS INCLUDING RIDERS		1,552,696	1,474,920,684		164,859,810	100.0	1,004,421	165,864,231

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.3
PAGE 3 OF 23
WITNESS:
J. L. Kern

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	DS	SERVICE AT SECONDARY							
2		DISTRIBUTION VOLTAGE							
3		CUSTOMER CHARGE:							
4		LOAD MANAGEMENT RIDER	1,839		\$5.00	9,195	0.0		9,195
5		SINGLE PHASE	84,503		\$15.00	1,267,545	1.1		1,267,545
6		THREE PHASE	72,169		\$30.00	2,165,070	1.9		2,165,070
7		TOTAL CUSTOMER CHARGE	156,672			3,441,810	2.9		3,441,810
8		DEMAND CHARGE:							
9		FIRST 15 KW		1,421,460	\$0.00	0	0.0		0
10		ADDITIONAL KW		2,431,793	\$9.38	22,810,216	19.5		22,810,216
11		TOTAL DEMAND		3,853,253		22,810,216	19.5		22,810,216
12		ENERGY CHARGE (3):							
13		FIRST 6000 KWH		384,317,296	0.091238	35,064,341	30.0		35,064,341
14		NEXT 300KWH/KW		595,505,603	0.056008	33,353,078	28.4		33,353,078
15		ADDITIONAL KWH		107,688,276	0.045866	4,939,230	4.2		4,939,230
16		NON-CHURCH "CAP" RATE		1,443,626	0.269521	389,088	0.3		389,088
17		CHURCH CAP RATE		268,250	0.165461	44,385	0.0		44,385
18		TOTAL ENERGY		1,089,223,051		73,790,122	63.2		73,790,122
19		TOTAL RATE DS EXCLUDING RIDERS	156,672	1,089,223,051		100,042,148	85.6		100,042,148
20		RIDERS:							
21		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	5,545,235	4.7		5,545,235
22		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				11,421,349	9.8		11,421,349
23		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			741,761	741,761
24		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(177,543)	(0.2)		(177,543)
25		TOTAL RIDERS				16,789,041	14.4	741,761	17,530,802
26		TOTAL RATE DS INCLUDING RIDERS	156,672	1,089,223,051		116,831,189	100.0	741,761	117,572,950

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
(2) REFLECTS FUEL ADJUSTMENT CLAUSE OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.3
PAGE 4 OF 23
WITNESS:
J. L. Kern

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-PRI TIME OF DAY PRIMARY							
2		SUMMER:							
3		CUSTOMER CHARGE:							
4		PRIMARY VOLTAGE	152		\$138.00	20,976	0.1		20,976
5		TOTAL CUSTOMER CHARGE	152			20,976	0.1		20,976
6		DEMAND CHARGE:							
7		ON PEAK KW		315,104	\$15.45	4,868,357	12.8		4,868,357
8		OFF PEAK KW		17,816	\$1.39	24,764	0.1		24,764
9		SUB-TOTAL		332,920		4,893,121	12.9		4,893,121
10		PRIMARY SERV. DIS.							
11		FIRST 1000 KW		124,908	(\$0.78)	(97,428)	(0.3)		(97,428)
12		ADDITIONAL KW		208,011	(\$0.61)	(126,887)	(0.3)		(126,887)
13		TOTAL DEMAND		332,919		4,668,806	12.3		4,668,806
14		ENERGY CHARGE (3):							
15		ON PEAK KWH		47,227,851	0.048712	2,300,563	6.0		2,300,563
16		OFF PEAK KWH		121,301,918	0.039890	4,838,734	12.7		4,838,734
17		TOTAL SUMMER	152	168,529,769		11,829,079	31.1		11,829,079
18		WINTER:							
19		CUSTOMER CHARGE:							
20		PRIMARY VOLTAGE	303		\$138.00	41,814	0.1		41,814
21		TOTAL CUSTOMER CHARGE	303			41,814	0.1		41,814
22		DEMAND CHARGE:							
23		ON PEAK KW		569,529	\$14.62	8,326,519	21.9		8,326,519
24		OFF PEAK KW		36,586	\$1.39	50,854	0.1		50,854
25		SUB-TOTAL		606,115		8,377,373	22.0		8,377,373
26		PRIMARY SERV. DIS.							
27		FIRST 1000 KW		264,575	(\$0.78)	(206,368)	(0.5)		(206,368)
28		ADDITIONAL KW		341,540	(\$0.61)	(208,339)	(0.5)		(208,339)
29		TOTAL DEMAND		606,114		7,962,666	20.9		7,962,666
30		ENERGY CHARGE (3):							
31		ON PEAK KWH		83,121,332	0.046499	3,865,059	10.2		3,865,059
32		OFF PEAK KWH		220,999,095	0.039890	8,815,654	23.2		8,815,654
33		TOTAL WINTER	303	304,120,427		20,685,193	54.3		20,685,193
34		TOTAL RATE DT PRIMARY EXCLUDING RIDERS	455	472,650,196		32,514,272	85.4		32,514,272
35		RIDERS:							
36		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	2,406,262	6.3		2,406,262
37		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				3,222,071	8.5		3,222,071
38		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			321,875	321,875
39		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(77,042)	(0.2)		(77,042)
40		TOTAL RIDERS				5,551,291	14.6	321,875	5,873,166
41		TOTAL RATE DT PRIMARY INCLUDING RIDERS	455	472,650,196		38,065,563	100.0	321,875	38,387,438

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.3
PAGE 5 OF 23
WITNESS:
J. L. Kern

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	DT-SEC	TIME OF DAY SECONDARY							
2		SUMMER:							
3		CUSTOMER CHARGE:							
4		SINGLE PHASE	0		\$65.00	0	0.0		0
5		THREE PHASE	635		\$130.00	82,550	0.1		82,550
6		TOTAL CUSTOMER CHARGE	635			82,550	0.1		82,550
7		DEMAND CHARGE:							
8		ON PEAK KW		523,317	\$15.45	8,085,248	13.6		8,085,248
9		OFF PEAK KW		13,818	\$1.39	19,207	0.0		19,207
10		TOTAL DEMAND		537,135		8,104,455	13.6		8,104,455
11		ENERGY CHARGE (3):							
12		ON PEAK KWH		72,174,788	0.048712	3,515,778	5.9		3,515,778
13		OFF PEAK KWH		171,445,010	0.039890	6,838,941	11.5		6,838,941
14		TOTAL SUMMER	635	243,619,798		18,541,724	31.2		18,541,724
15		WINTER:							
16		CUSTOMER CHARGE:							
17		SINGLE PHASE	0		\$65.00	0	0.0		0
18		THREE PHASE	1,235		\$130.00	160,550	0.3		160,550
19		TOTAL CUSTOMER CHARGE	1,235			160,550	0.3		160,550
20		DEMAND CHARGE:							
21		ON PEAK KW		948,357	\$14.62	13,864,977	23.3		13,864,977
22		OFF PEAK KW		19,343	\$1.39	26,886	0.0		26,886
23		TOTAL DEMAND		967,699		13,891,863	23.2		13,891,863
24		ENERGY CHARGE (3):							
25		ON PEAK KWH		126,151,149	0.046499	5,865,902	9.9		5,865,902
26		OFF PEAK KWH		311,104,114	0.039890	12,409,943	20.8		12,409,943
27		TOTAL WINTER	1,235	437,255,263		32,328,258	54.3		32,328,258
28		TOTAL RATE DT SECONDARY EXCLUDING RIDERS	1,870	680,875,061		50,869,982	85.5		50,869,982
29		RIDERS:							
30		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	3,466,335	5.8		3,466,335
31		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				5,296,392	8.9		5,296,392
32		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			463,676	463,676
33		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(110,983)	(0.2)		(110,983)
34		TOTAL RIDERS				8,651,744	14.5	463,676	9,115,420
35		TOTAL RATE DT SECONDARY INCLUDING RIDERS	1,870	680,875,061		59,521,726	100.0	463,676	59,985,402

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.3
PAGE 6 OF 23
WITNESS:
J. L. Kern

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	106		\$15.00	1,590	0.2		1,590
5		THREE PHASE	368		\$30.00	11,040	1.4		11,040
6		PRIMARY VOLTAGE	0		\$117.00	0	0.0		0
7		TOTAL CUSTOMER CHARGE	474			12,630	1.6		12,630
8		DEMAND CHARGE:							
9		ALL KW		29,466	\$0.00	0	0.0		0
10		ENERGY CHARGE (3):							
11		ALL KWH		9,252,534	0.070482	652,137	83.9		652,137
12		TOTAL RATE EH EXCLUDING RIDERS	474	9,252,534		664,767	85.5		664,767
13		RIDERS:							
14		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	47,105	6.1		47,105
15		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				67,084	8.6		67,084
16		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681		0.0	6,301	6,301
17		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(1,508)	(0.2)		(1,508)
18		TOTAL RIDERS				112,681	14.5	6,301	118,982
19		TOTAL RATE EH INCLUDING RIDERS	474	9,252,534		777,448	100.0	6,301	783,749

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.3
PAGE 7 OF 23
WITNESS:
J. L. Kern

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	SP	SEASONAL SPORTS SERVICE							
2		MINIMUM BILLS (4)	0			0	0.0		0
3		CUSTOMER CHARGE	184		\$15.00	2,760	7.1		2,760
4		ENERGY CHARGE (3):							
5		ALL CONSUMPTION		276,447	0.111052	30,700	78.7		30,700
6		TOTAL RATE SP EXCLUDING RIDERS	184	276,447		33,460	85.7		33,460
7		RIDERS:							
8		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	1,407	3.6		1,407
9		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				4,202	10.8		4,202
10		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			188	188
11		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(45)	(0.1)		(45)
12		TOTAL RIDERS				5,564	14.3	188	5,752
13		TOTAL RATE SP INCLUDING RIDERS	184	276,447		39,024	100.0	188	39,212
14		GS-FL SMALL FIXED LOADS							
15		MINIMUM BILLS	540		\$3.36	1,814	0.2		1,814
16		BASE RATE (3):							
17		LOAD RANGE 540 TO 720 HRS		11,637	0.093089	1,083	0.1		1,083
18		LOAD RANGE LESS THAN 540 HRS		5,946,705	0.107269	637,897	85.3		637,897
19		TOTAL RATE GS-FL EXCLUDING RIDERS	540	5,958,342		640,794	85.7		640,794
20		RIDERS:							
21		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	30,334	4.1		30,334
22		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				77,526	10.4		77,526
23		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			4,058	4,058
24		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(971)	(0.1)		(971)
25		TOTAL RIDERS				106,889	14.3	4,058	110,947
26		TOTAL RATE GS-FL INCLUDING RIDERS	540	5,958,342		747,683	100.0	4,058	751,741

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 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. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.3
PAGE 8 OF 23
WITNESS:
J. L. Kern

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	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		\$117.00	14,040	0.7		14,040
6		TOTAL CUSTOMER CHARGE	120			14,160	0.7		14,160
7	DEMAND CHARGE:								
8		ALL KW		62,822	\$9.02	566,652	29.1		566,652
9		TOTAL DEMAND		62,822		566,652	29.1		566,652
10	ENERGY CHARGE (3):								
11		FIRST 300KWH/KW		13,650,634	0.058203	794,508	40.8		794,508
12		ADDITIONAL KWH		6,000,465	0.049212	295,295	15.2		295,295
13		CAP RATE KWH		0	0.274836	0	0.0		0
14		TOTAL ENERGY		19,651,099		1,089,803	55.9		1,089,803
15		TOTAL RATE DP EXCLUDING RIDERS	120	19,651,099		1,670,615	85.7		1,670,615
16	RIDERS:								
17		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	100,044	5.1		100,044
18		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				181,610	9.3		181,610
20		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			13,382	13,382
22		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(3,203)	(0.2)		(3,203)
23		TOTAL RIDERS				278,451	14.3	13,382	291,833
24		TOTAL RATE DP INCLUDING RIDERS	120	19,651,099		1,949,066	100.0	13,382	1,962,448

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.3
PAGE 9 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KW/KWH)	PROPOSED RATES (E) (\$/KWH)/ (\$/KW)	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) (\$)
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		163,686	\$8.75	1,432,253	9.2		1,432,253
6		OFF PEAK KW		6,185	\$1.32	8,164	0.1		8,164
7		TOTAL DEMAND		169,871		1,440,417	9.2		1,440,417
8		ENERGY CHARGE (3):							
9		ON PEAK KWH		26,206,262	0.053207	1,394,357	8.9		1,394,357
10		OFF PEAK KWH		48,926,302	0.043571	2,131,768	13.7		2,131,768
11		TOTAL ENERGY		75,132,564		3,526,125	22.6		3,526,125
12		TOTAL SUMMER	52	75,132,564		4,992,542	32.0		4,992,542
13		WINTER:							
14		CUSTOMER CHARGE	103		\$500.00	51,500	0.3		51,500
15		DEMAND CHARGE:							
16		ON PEAK KW		315,522	\$7.18	2,265,449	14.5		2,265,449
17		OFF PEAK KW		11,740	\$1.32	15,497	0.1		15,497
18		TOTAL DEMAND		327,263		2,280,946	14.6		2,280,946
19		ENERGY CHARGE (3):							
20		ON PEAK KWH		45,565,318	0.050794	2,314,445	14.8		2,314,445
21		OFF PEAK KWH		103,358,288	0.043571	4,503,424	28.9		4,503,424
22		TOTAL ENERGY		148,923,606		6,817,869	43.7		6,817,869
23		TOTAL WINTER	103	148,923,606		9,150,315	58.6		9,150,315
24		TOTAL RATE TT EXCLUDING RIDERS	155	224,056,170		14,142,857	90.6		14,142,857
25		RIDERS:							
26		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.000463	103,738	0.7		103,738
27		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				1,399,101	9.0		1,399,101
28		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			152,582	152,582
30		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(36,521)	(0.2)		(36,521)
31		TOTAL RIDERS				1,466,318	9.4	152,582	1,618,900
32		TOTAL RATE TT INCLUDING RIDERS	155	224,056,170		15,609,175	100.0	152,582	15,761,757

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.3
PAGE 10 OF 23
WITNESS:
J. L. Kern

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	5.0		4,392
5	TOTAL CUSTOMER CHARGE					4,392	5.0		4,392
6	ENERGY CHARGE:								
7	ALL KWH			1,569,705	0.018391	28,868	32.8		28,868
8	COMMODITY CHARGES			1,569,705	0.029462	46,247	52.5	0	46,247
9	TOTAL ENERGY			1,569,705		75,115	85.3	0	75,115
10	TOTAL RATE DT RTP SECONDARY EXCLUDING RIDERS		24	1,569,705		79,507	90.3	0	79,507
11	RIDERS:								
12	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.005091	7,991	9.1		7,991
13	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)					798	0.9		798
14	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(256)	(0.3)		(256)
15	TOTAL RIDERS					8,533	9.7	0	8,533
16	TOTAL RATE DT RTP SECONDARY INCLUDING RIDERS		24	1,569,705		88,040	100.0	0	88,040

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.3
PAGE 11 OF 23
WITNESS:
J. L. Kern

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	11.6		6,588
5	TOTAL CUSTOMER CHARGE					6,588	11.6		6,588
6	ENERGY CHARGE:								
7	ALL KWH			801,933	0.018391	14,748	26.1		14,748
8	COMMODITY CHARGES			801,933	0.037493	30,067	53.2	0	30,067
9	TOTAL ENERGY			801,933		44,815	79.2	0	44,815
10	TOTAL RATE DS RTP EXCLUDING RIDERS		36	801,933		51,403	90.9	0	51,403
11	RIDERS:								
12	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.005091	4,083	7.2		4,083
13	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)					1,196	2.1		1,196
14	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(131)	(0.2)		(131)
15	TOTAL RIDERS					5,148	9.1	0	5,148
16	TOTAL RATE DS RTP INCLUDING RIDERS		36	801,933		56,551	100.0	0	56,551

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders
6 Months Actual Ending May 31, 2019

SCHEDULE M-2.3
PAGE 12 OF 23
WITNESS:
J. L. Kern

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	0.8		4,392
5	TOTAL CUSTOMER CHARGE					4,392	0.8		4,392
6	ENERGY CHARGE:								
7	ALL KWH			14,214,991	0.006602	93,847	16.8		93,847
8	COMMODITY CHARGES			14,214,991	0.032086	456,102	81.5	0	456,102
9	TOTAL ENERGY			14,214,991		549,949	98.3	0	549,949
10	TOTAL RATE TT RTP EXCLUDING RIDERS		24	14,214,991		554,341	99.1	0	554,341
11	RIDERS:								
12	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.000463	6,582	1.2		6,582
13	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)					798	0.1		798
14	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(2,317)	(0.4)		(2,317)
15	TOTAL RIDERS					5,063	0.9		5,063
16	TOTAL RATE TT RTP INCLUDING RIDERS		24	14,214,991		559,404	100.0	0	559,404

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.3
PAGE 13 OF 23
WITNESS:
J. L. Kern

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	66,375	4,441,594	8.16	541,620	31.9	3,025	544,645
5		7,000 LUMEN (OPEN)	60	4,265	6.81	409	0.0	3	412
6		7,000 LUMEN (4)	12	803	13.14	158	0.0	1	159
7		7,000 LUMEN (5)	511	34,194	13.21	6,750	0.4	23	6,773
8		7,000 LUMEN (6)	108	7,227	14.21	1,535	0.1	5	1,540
9		7,000 LUMEN (8A)	132	8,833	16.20	2,138	0.1	6	2,144
10		10,000 LUMEN	2,104	200,581	9.42	19,820	1.2	137	19,957
11		10,000 LUMEN (5)	0	0	14.47	0	0.0	0	0
12		21,000 LUMEN	9,336	1,391,842	12.61	117,727	6.9	948	118,675
13		21,000 LUMEN (5)	132	19,679	17.66	2,331	0.1	13	2,344
14		21,000 LUMEN (6)	132	19,679	18.66	2,463	0.1	13	2,476
15		METAL HALIDE:							
16		14,000 LUMEN	328	21,949	8.16	2,676	0.2	15	2,691
17		14,000 LUMEN (5)	48	3,212	13.21	634	0.0	2	636
18		14,000 LUMEN (6)	84	5,621	14.21	1,194	0.1	4	1,198
19		14,000 LUMEN (10)	12	803	13.21	159	0.0	1	160
20		20,500 LUMEN	168	16,016	9.42	1,583	0.1	11	1,594
21		20,500 LUMEN (6)	24	2,288	15.47	371	0.0	2	373
22		36,000 LUMEN	0	0	12.61	0	0.0	0	0
23		SODIUM VAPOR:							
24		9,500 LUMEN	18,953	769,176	9.03	171,146	10.1	524	171,670
25		9,500 LUMEN (OPEN)	120	4,870	6.78	814	0.0	3	817
26		9,500 LUMEN (4)	48	1,948	14.01	672	0.0	1	673
27		9,500 LUMEN (5)	674	27,353	14.08	9,490	0.6	19	9,509
28		9,500 LUMEN (6)	612	24,837	15.08	9,229	0.5	17	9,246
29		16,000 LUMEN	372	22,041	9.85	3,664	0.2	15	3,679
30		16,000 LUMEN (5)	12	711	14.90	179	0.0	0	179
31		16,000 LUMEN (6)	108	6,399	15.90	1,717	0.1	4	1,721
32		22,000 LUMEN	5,346	422,334	12.76	68,215	4.0	288	68,503
33		22,000 LUMEN (4)	0	0	17.74	0	0.0	0	0
34		22,000 LUMEN (5)	204	16,116	17.81	3,633	0.2	11	3,644
35		22,000 LUMEN (6)	72	5,688	18.81	1,354	0.1	4	1,358
36		22,000 LUMEN (8)	12	948	20.72	249	0.0	1	250
37		27,500 LUMEN	96	7,584	12.76	1,225	0.1	5	1,230
38		27,500 LUMEN (6)	12	948	18.81	226	0.0	1	227
39		50,000 LUMEN	9,645	1,574,546	17.15	165,412	9.7	1,072	166,484
40		50,000 LUMEN (5)	264	43,098	22.20	5,861	0.3	29	5,890
41		50,000 LUMEN (6)	633	103,337	23.20	14,686	0.9	70	14,756

(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 \$0.000681 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. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.3
PAGE 14 OF 23
WITNESS:
J. L. Kern

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 (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 (CONTD.)							
43		OVERHEAD DISTRIBUTION (CONTD.):							
44		DECORATIVE SODIUM VAPOR:							
45	9,500	LUMEN RECTILINEAR	0	0	11.23	0	0.0	0	0
46	22,000	LUMEN RECTILINEAR	12	1,023	13.88	167	0.0	1	168
47	50,000	LUMEN RECTILINEAR	132	21,549	18.36	2,424	0.1	15	2,439
48	50,000	LUMEN RECTILINEAR (5)	180	29,385	23.41	4,214	0.2	20	4,234
49	50,000	LUMEN RECTILINEAR (6)	0	0	24.41	0	0.0	0	0
50	50,000	LUMEN SETBACK	216	35,262	27.29	5,895	0.3	24	5,919
51	50,000	LUMEN SETBACK (6)	36	5,877	33.34	1,200	0.1	4	1,204
52		TOTAL OVERHEAD	117,325	9,303,616		1,173,240	69.1	6,336	1,179,577
53		UNDERGROUND DISTRIBUTION:							
54		MERCURY VAPOR:							
55	7,000	LUMEN	60	4,370	8.31	499	0.0	4	503
56	7,000	LUMEN (OPEN)	0	0	6.81	0	0.0	0	0
57	7,000	LUMEN (4)	566	41,224	13.29	7,522	0.4	28	7,550
58	7,000	LUMEN (5)	4	291	13.36	53	0.0	0	53
59	7,000	LUMEN (8)	348	25,346	16.27	5,662	0.3	17	5,679
60	10,000	LUMEN	0	0	9.59	0	0.0	0	0
61	10,000	LUMEN (4)	84	8,605	14.57	1,224	0.1	6	1,230
62	10,000	LUMEN (8)	156	15,795	17.55	2,738	0.2	11	2,749
63	21,000	LUMEN	96	15,312	12.91	1,239	0.1	10	1,249
64	21,000	LUMEN (8)	132	21,054	20.87	2,755	0.2	14	2,769
65		METAL HALIDE:							
66	14,000	LUMEN	0	0	8.31	0	0.0	0	0
67	20,500	LUMEN	0	0	9.59	0	0.0	0	0
68	36,000	LUMEN	0	0	12.91	0	0.0	0	0
69		SODIUM VAPOR:							
70	9,500	LUMEN	0	0	9.03	0	0.0	0	0
71	9,500	LUMEN (6)	24	974	15.08	362	0.0	1	363
72	9,500	LUMEN (8)	588	23,863	16.99	9,990	0.6	16	10,006
73	9,500	LUMEN (10)	24	974	14.08	338	0.0	1	339
74	9,500	LUMEN (13)	12	487	18.90	227	0.0	0	227
75	9,500	LUMEN (OPEN)	0	0	6.87	0	0.0	0	0
76	16,000	LUMEN	0	0	9.81	0	0.0	0	0
77	16,000	LUMEN (6)	24	1,422	15.86	381	0.0	1	382
78	22,000	LUMEN	228	18,012	12.76	2,909	0.2	12	2,921
79	22,000	LUMEN (5)	60	4,740	17.81	1,069	0.1	3	1,072
80	22,000	LUMEN (8)	530	41,870	20.72	10,982	0.6	29	11,011
81	22,000	LUMEN (8A)	48	3,792	20.80	998	0.1	3	1,001
82	27,500	LUMEN	0	0	12.76	0	0.0	0	0
83	27,500	LUMEN (9)	252	19,908	28.66	7,222	0.4	14	7,236
84	50,000	LUMEN	342	55,832	17.15	5,865	0.3	38	5,903
85	50,000	LUMEN (8)	72	11,754	25.11	1,808	0.1	8	1,816
86	50,000	LUMEN (9)	132	21,549	33.05	4,363	0.3	15	4,378
87		DECORATIVE MERCURY VAPOR:							
88	7,000	LUMEN TOWN & COUNTRY	0	0	8.59	0	0.0	0	0
89	7,000	LUMEN TOWN & COUNTRY (3)	216	15,354	13.64	2,946	0.2	10	2,956
90	7,000	LUMEN TOWN & COUNTRY (10)	5,870	417,259	13.64	80,067	4.7	284	80,351
91	7,000	LUMEN HOLOPHANE	24	1,748	10.79	259	0.0	1	260
92	7,000	LUMEN HOLOPHANE (10)	1,908	138,966	15.84	30,223	1.8	95	30,318
93	7,000	LUMEN GAS REPLICA (7)	96	6,992	38.38	3,684	0.2	5	3,689
94	7,000	LUMEN GRANVILLE	0	0	8.68	0	0.0	0	0
95	7,000	LUMEN GRANVILLE (7)	0	0	22.41	0	0.0	0	0
96	7,000	LUMEN ASPEN	24	1,748	15.62	375	0.0	1	376

(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 \$0.000681 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' FIBERGLASS 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. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.3
PAGE 15 OF 23
WITNESS:
J. L. Kern

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 (F) (\$)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G) (%)	FUEL COST REVENUE (2) (H) (\$)	PROPOSED TOTAL REVENUE (F + H) (I) (\$)
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	8.58	0	0.0	0	0
101	14,000	LUMEN TRADITIONAIRE (7)	60	4,265	22.31	1,339	0.1	3	1,342
102	14,000	LUMEN TRADITIONAIRE (10)	468	33,267	13.63	6,379	0.4	23	6,402
103	14,000	LUMEN GRANVILLE	0	0	15.62	0	0.0	0	0
104	14,000	LUMEN GRANVILLE (11)	0	0	30.38	0	0.0	0	0
105	14,000	LUMEN GAS REPLICA	0	0	24.74	0	0.0	0	0
106	14,500	LUMEN GAS REPLICA	0	0	24.74	0	0.0	0	0
107	14,500	LUMEN GAS REPLICA (7)	288	20,976	38.47	11,079	0.7	14	11,093
108	14,500	LUMEN GAS REPLICA (10)	60	4,370	29.79	1,787	0.1	3	1,790
109		DECORATIVE SODIUM VAPOR:							
110	9,500	LUMEN TOWN & COUNTRY	96	3,896	12.54	1,204	0.1	3	1,207
111	9,500	LUMEN TOWN & COUNTRY (10)	1905	77,311	17.59	33,509	2.0	53	33,562
112	9,500	LUMEN HOLOPHANE	576	25,536	13.58	7,822	0.5	17	7,839
113	9,500	LUMEN HOLOPHANE (10)	312	13,832	18.63	5,813	0.3	9	5,822
114	9,500	LUMEN GAS REPLICA (7)	132	5,852	39.27	5,184	0.3	4	5,188
115	9,500	LUMEN GAS REPLICA (10)	12	532	30.59	367	0.0	0	367
116	9,500	LUMEN GAS REPLICA (11)	312	13,832	40.30	12,574	0.7	9	12,583
117	9,500	LUMEN ASPEN (7)	888	39,368	15.82	14,048	0.8	27	14,075
118	9,500	LUMEN TRADITIONAIRE	0	0	12.54	0	0.0	0	0
119	9,500	LUMEN TRADITIONAIRE (10)	696	28,246	17.59	12,243	0.7	19	12,262
120	9,500	LUMEN GRANVILLE	0	0	15.82	0	0.0	0	0
121	9,500	LUMEN GRANVILLE (7)	0	0	29.55	0	0.0	0	0
122	9,500	LUMEN GRANVILLE (10)	0	0	20.87	0	0.0	0	0
123	9,500	LUMEN GRANVILLE (11)	0	0	30.58	0	0.0	0	0
124	22,000	LUMEN RECTILINEAR	0	0	13.94	0	0.0	0	0
125	22,000	LUMEN RECTILINEAR (12)	176	15,004	23.55	4,145	0.2	10	4,155
126	50,000	LUMEN RECTILINEAR	0	0	18.42	0	0.0	0	0
127	50,000	LUMEN RECTILINEAR (12)	36	5,877	28.03	1,009	0.1	4	1,013
128	50,000	LUMEN RECTILINEAR (13)	204	33,303	28.29	5,771	0.3	23	5,794
129	50,000	LUMEN SETBACK	0	0	27.29	0	0.0	0	0
130		TOTAL UNDERGROUND	18,141	1,244,608		310,033	18.3	848	310,881
131		RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH):							
132		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				195,592	11.5		195,592
133		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(1,719)	(0.1)		(1,719)
134		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				193,873	11.4		193,873
135		ADD'L FACILITIES CHARGE:							
136		OVERHEAD	5,025		0.60	3,015	0.2		3,015
137		UNDERGROUND	20,883		0.86	17,959	1.1		17,959
138		TOTAL ADD'L FACILITIES CHG	25,908			20,974	1.2	0	20,974
139		TOTAL RATE SL INCLUDING RIDERS	135,466	10,548,224		1,698,120	100.0	7,183	1,705,305

(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 \$0.000681 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. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.3
PAGE 16 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES	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	TL	TRAFFIC LIGHTING							
2		SERVICE							
3		(A) WHERE COMPANY							
4		SUPPLIES ENERGY ONLY (3):							
5		ALL CONSUMPTION	77,027	687,336	0.043675	30,019	34.0	468	30,487
6		(B) WHERE COMPANY							
7		SUPPLIES ENERGY FROM A							
8		SEPARATELY METERED SOURCE							
9		AND PROVIDES LIMITED							
10		MAINTENANCE:							
11		ALL CONSUMPTION	0	0	0.024185	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	0.067860	51,469	58.3	517	51,986
17		TOTAL RATE TL EXCLUDING RIDERS	95,903	1,445,796		81,488	92.2	985	82,473
18		RIDERS NOT INCLUDED IN RATES ABOVE:							
19		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				7,102	8.0		7,102
20		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(236)	(0.3)		(236)
21		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				6,866	7.8		6,866
22		TOTAL RATE TL INCLUDING RIDERS	95,903	1,445,796		88,354	100.0	985	89,339

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.3
PAGE 17 OF 23
WITNESS:
J. L. Kern

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		89,792	4,292,584	0.043003	184,594	94.3	2,923	187,517
3	RIDERS NOT INCLUDED IN RATES ABOVE:								
4	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)					11,809	6.0		11,809
5	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(700)	(0.4)		(700)
6	TOTAL RIDERS NOT INCLUDED IN RATES ABOVE					11,109	5.7		11,109
7	TOTAL RATE UOLS INCLUDING RIDERS		89,792	4,292,584		195,703	100.0	2,923	198,626

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.3
PAGE 18 OF 23
WITNESS:
J. L. Kern

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	10.58	0	0.0	0	0
5		2,500 LUMEN MULTIPLE	144	9,432	8.22	1,184	1.3	6	1,190
6	(2)	HOLOPHANE DECORATIVE:							
7		10,000 LUMEN MV W							
8		17' FIBERGLASS POLE	372	37,665	19.26	7,165	8.1	26	7,191
9	(3)	STREET LGT UNITS (OH)							
10		2,500 LUMEN INCANDESCENT	840	55,020	8.15	6,846	7.8	37	6,883
11		2,500 LUMEN MERCURY VAPOR	7,372	278,293	7.71	56,838	64.5	189	57,027
12		21,000 LUMEN MERCURY VAPOR	408	65,076	12.23	4,990	5.7	45	5,035
13		TOTAL COMPANY OWNED	9,136	445,486		77,023	87.5	303	77,326
14	(B)	CUSTOMER OWNED WITH LTD MAINT							
15	(1)	BOULEVARD INCANDESCENT(UG):							
16		2,500 LUMEN SERIES	0	0	6.24	0	0.0	0	0
17		2,500 LUMEN MULTIPLE	60	3,930	7.94	476	0.5	3	479
18		TOTAL CUSTOMER OWNED	60	3,930		476	0.5	3	479
19		TOTAL RATE NSU EXCLUDING RIDERS	9,196	449,416		77,499	88.0	306	77,805
20		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):							
21		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				10,649	12.1		10,649
22		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(73)	(0.1)		(73)
23		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				10,576	12.0		10,576
24		TOTAL RATE NSU INCLUDING RIDERS	9,196	449,416		88,075	100.0	306	88,381

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.3
PAGE 19 OF 23
WITNESS:
J. L. Kern

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	4.80	0	0.0	0	0
6		10,000 LUMEN	0	0	6.12	0	0.0	0	0
7		21,000 LUMEN	0	0	8.49	0	0.0	0	0
8		METAL HALIDE --							
9		14,000 LUMEN	0	0	4.80	0	0.0	0	0
10		20,500 LUMEN	0	0	6.12	0	0.0	0	0
11		36,000 LUMEN	0	0	8.49	0	0.0	0	0
12		SODIUM VAPOR--							
13		9,500 LUMEN	0	0	5.78	0	0.0	0	0
14		16,000 LUMEN	0	0	6.44	0	0.0	0	0
15		22,000 LUMEN	0	0	7.08	0	0.0	0	0
16		27,500 LUMEN	0	0	7.08	0	0.0	0	0
17		50,000 LUMEN	0	0	9.59	0	0.0	0	0
18		DECORATIVE UNITS:							
19		7,000 LUMEN MERCURY VAPOR--							
20		HOLOPHANE	0	0	6.11	0	0.0	0	0
21		TOWN & COUNTRY	0	0	6.05	0	0.0	0	0
22		GAS REPLICA	0	0	6.11	0	0.0	0	0
23		ASPEN	0	0	6.11	0	0.0	0	0
24		14,000 LUMEN METAL HALIDE--							
25		TRADITIONAIRE	0	0	6.05	0	0.0	0	0
26		GRANVILLE ACORN	0	0	6.11	0	0.0	0	0
27		GAS REPLICA	0	0	6.11	0	0.0	0	0
28		9,500 LUMEN SODIUM VAPOR--							
29		TOWN & COUNTRY	0	0	5.69	0	0.0	0	0
30		TRADITIONAIRE	0	0	5.69	0	0.0	0	0
31		GRANVILLE ACORN	0	0	5.94	0	0.0	0	0
32		RECTILINEAR	0	0	5.69	0	0.0	0	0
33		ASPEN	0	0	5.94	0	0.0	0	0
34		HOLOPHANE	0	0	5.94	0	0.0	0	0
35		GAS REPLICA	0	0	5.94	0	0.0	0	0
36		SODIUM VAPOR --							
37		22,000 LUMEN (RECTILINEAR)	0	0	7.50	0	0.0	0	0
38		50,000 LUMEN (RECTILINEAR)	0	0	9.92	0	0.0	0	0
39		CUST OWNED/CUST MAINT							
40		ENERGY ONLY	2,065	97,596	0.043003	4,197	94.3	66	4,263
41		TOTAL RATE SC EXCLUDING RIDERS	2,065	97,596		4,197	94.3	66	4,263
42		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):							
43		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				268	6.0		268
44		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(16)	(0.4)		(16)
45		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				252	5.7		252
46		TOTAL RATE SC INCLUDING RIDERS	2,065	97,596		4,449	100.0	66	4,515

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.3
PAGE 20 OF 23
WITNESS:
J. L. Kern

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	SE	STREET LIGHTING							
2		OVERHEAD EQUIVALENT RATE							
3		MERCURY VAPOR 7,000 LUMEN:							
4		TOWN & COUNTRY	6,900	490,475	8.36	57,684	23.1	334	58,018
5		HOLOPHANE	2,328	169,556	8.40	19,555	7.8	116	19,671
6		GAS REPLICA	698	50,838	8.40	5,863	2.3	35	5,898
7		ASPEN	132	9,614	8.40	1,109	0.4	7	1,116
8		METAL HALIDE 14,000 LUMEN:							
9		TRADITIONAIRE	3,204	227,751	8.36	26,785	10.7	155	26,940
10		GRANVILLE ACORN	0	0	8.40	0	0.0	0	0
11		GAS REPLICA	560	40,787	8.40	4,704	1.9	28	4,732
12		SODIUM VAPOR 9,500 LUMEN:							
13		TOWN & COUNTRY	3,211	130,313	9.12	29,284	11.7	89	29,373
15		HOLOPHANE	2,480	109,947	9.24	22,915	9.2	75	22,990
16		RECTILINEAR	974	39,528	9.12	8,883	3.6	27	8,910
17		GAS REPLICA	1,272	56,392	9.23	11,741	4.7	38	11,779
19		ASPEN	2,616	115,976	9.23	24,146	9.7	79	24,225
14		TRADITIONAIRE	0	0	9.12	0	0.0	0	0
18		GRANVILLE ACORN	156	6,916	9.23	1,440	0.6	5	1,445
20		SODIUM VAPOR:							
21		22,000 LUMEN (RECTILINEAR)	481	41,005	13.10	6,301	2.5	28	6,329
22		50,000 LUMEN (RECTILINEAR)	24	3,918	17.33	416	0.2	3	419
23		50,000 LUMEN (SETBACK)	0	0	17.33	0	0.0	0	0
24		TOTAL RATE SE EXCLUDING RIDERS	25,036	1,493,016		220,826	88.3	1,019	221,845
25		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):							
26		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				29,443	11.8		29,443
29		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(243)	(0.1)		(243)
30		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				29,200	11.7		29,200
31		TOTAL RATE SE INCLUDING RIDERS	25,036	1,493,016		250,026	100.0	1,018	251,045

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.000881 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.3
PAGE 21 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES (D)	PROPOSED		PROPOSED REVENUE LESS	% OF REV TO	FAC REVENUE (2)	PROPOSED TOTAL REVENUE
					FIXTURE (E1)	MAINTNCE (E2)	FAC REVENUE (F)	TOTAL LESS FAC REVENUE (G)		(F + H)
	(A)	(B)	(C)	(KWH)	(\$/UNIT)		(\$)	(%)	(\$)	(\$)
1	LED	STREET LIGHTING -- LED								
2	FIXTURES									
3	50W	Neighborhood	0	0	4.50	4.76	0	0.0		0
4	50W	Neighborhood with Lens	0	0	4.69	4.76	0	0.0		0
5	50W	Standard LED	0	0	5.53	4.76	0	0.0		0
6	70W	Standard LED	0	0	5.52	4.76	0	0.0		0
7	110W	Standard LED	0	0	6.26	4.76	0	0.0		0
8	150W	Standard LED	0	0	8.30	4.76	0	0.0		0
9	220W	Standard LED	0	0	9.41	5.80	0	0.0		0
10	280W	Standard LED	0	0	11.57	5.80	0	0.0		0
11	50W	Acorn LED	0	0	14.55	4.76	0	0.0		0
12	50W	Deluxe Acorn LED	0	0	16.14	4.76	0	0.0		0
13	70W	LED Open Deluxe Acorn	0	0	15.74	4.76	0	0.0		0
14	50W	Traditional LED	0	0	10.54	4.76	0	0.0		0
15	50W	Open Traditional LED	0	0	10.54	4.76	0	0.0		0
16	50W	Mini Bell LED	0	0	13.72	4.76	0	0.0		0
17	50W	Enterprise LED	0	0	14.17	4.76	0	0.0		0
18	70W	Sanibel LED	0	0	17.47	4.76	0	0.0		0
19	150W	Sanibel LED	0	0	17.47	4.76	0	0.0		0
20	150W	LED Teardrop	0	0	21.14	4.76	0	0.0		0
21	50W	LED Teardrop Pedestrian	0	0	17.15	4.76	0	0.0		0
22	220W	LED Shoebox	0	0	14.64	5.80	0	0.0		0
23	420W	LED Shoebox	0	0	21.85	5.80	0	0.0		0
24	530W	LED Shoebox	0	0	26.55	5.80	0	0.0		0
25	150W	Clermont LED	0	0	25.19	4.76	0	0.0		0
26	130W	Flood LED	0	0	8.65	4.76	0	0.0		0
27	260W	Flood LED	0	0	13.61	4.76	0	0.0		0
28	50W	Monticello LED	0	0	16.82	4.76	0	0.0		0
29	50W	Mitchell Finial	0	0	15.95	4.76	0	0.0		0
30	50W	Mitchell Ribs, Bands, and Medallions LED	0	0	17.57	4.76	0	0.0		0
31	50W	Mitchell Top Hat LED	0	0	15.95	4.76	0	0.0		0
32	50W	Mitchell Top Hat with Ribs, Bands, and Medallions LED	0	0	17.57	5.80	0	0.0		0
33	50W	Open Monticello LED	0	0	16.75	5.80	0	0.0		0
34	TOTAL LED FIXTURES			0	0		0			0
35	ENERGY CHARGE (1A)			0	0.043003		0			0
36	POLES									
37	Style A	12 Ft Long Anchor Base Top Tenon Aluminum	0		6.33		0	0.0		0
38	Style A	15 Ft Long Direct Buried Top Tenon Aluminum	0		5.42		0	0.0		0
39	Style A	15 Ft Long Anchor Base Top Tenon Aluminum	0		6.51		0	0.0		0
40	Style A	18 Ft Long Direct Buried Top Tenon Aluminum	0		5.64		0	0.0		0
41	Style A	17 Ft Long Anchor Base Top Tenon Aluminum	0		6.83		0	0.0		0
42	Style A	25 Ft Long Direct Buried Top Tenon Aluminum	0		10.46		0	0.0		0
43	Style A	22 Ft Long Anchor Base Top Tenon Aluminum	0		8.09		0	0.0		0
44	Style A	30 Ft Long Direct Buried Top Tenon Aluminum	0		11.66		0	0.0		0

(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 \$0.000681 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.3
PAGE 22 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES (KWH)	PROPOSED RATES(1A) (\$/UNIT)	PROPOSED REVENUE LESS FAC REVENUE (\$)	% OF REV TO TOTAL LESS FAC REVENUE (%)	FAC REVENUE (2) (\$)	PROPOSED TOTAL REVENUE (F + H) (\$)
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
45	LED	STREET LIGHTING -- LED (CONT'D)							
46	POLES (CONT'D)								
47		Style A 27 Ft Long Anchor Base Top Tenon Aluminum	0		9.56	0	0.0		0
48		Style A 35 Ft Long Direct Buried Top Tenon Aluminum	0		12.98	0	0.0		0
49		Style A 32 Ft Long Anchor Base Top Tenon Aluminum	0		11.05	0	0.0		0
50		Style A 41 Ft Long Direct Buried Top Tenon Aluminum	0		14.02	0	0.0		0
51		Style B 12 Ft Long Anchor Base Post Top Aluminum	0		7.71	0	0.0		0
52		Style C 12 Ft Long Anchor Base Post Top Aluminum	0		10.44	0	0.0		0
53		Style C 12 Ft Long Anchor Base Davit Steel	0		13.98	0	0.0		0
54		Style C 14 Ft Long Anchor Base Top Tenon Steel	0		11.19	0	0.0		0
55		Style C 21 Ft Long Anchor Base Davit Steel	0		27.46	0	0.0		0
56		Style C 23 Ft Long Anchor Base Boston Harbor Steel	0		27.76	0	0.0		0
57		Style D 12 Ft Long Anchor Base Breakaway Aluminum	0		10.34	0	0.0		0
58		Style E 12 Ft Long Anchor Base Post Top Aluminum	0		10.44	0	0.0		0
59		Style F 12 Ft Long Anchor Base Post Top Aluminum	0		11.18	0	0.0		0
60		Legacy Style 39 Ft Direct Buried Single or Twin Side Mount Aluminum Satin F	0		17.67	0	0.0		0
61		Legacy Style 27 Ft Long Anchor Base Side Mount Aluminum Pole Satin Finish	0		13.62	0	0.0		0
62		Legacy Style 33 Ft Long Anchor Base Side Mount Aluminum Pole Satin Finish	0		13.25	0	0.0		0
63		Legacy Style 37 Ft Long Anchor Base Side Mount Aluminum Pole Satin Finish	0		16.38	0	0.0		0
64		30' Class 7 Wood Pole	0		6.48	0	0.0		0
65		35' Class 5 Wood Pole	0		7.04	0	0.0		0
66		40' Class 4 Wood Pole	0		10.60	0	0.0		0
67		45' Class 4 Wood Pole	0		10.99	0	0.0		0
68		15' Style A - Fluted - for Shroud - Aluminum Direct Buried Pole	0		5.08	0	0.0		0
69		20' Style A - Fluted - for Shroud - Aluminum Direct Buried Pole	0		5.66	0	0.0		0
70		15' Style A - Smooth - for Shroud - Aluminum Direct Buried Pole	0		3.35	0	0.0		0
71		20' Style A - Smooth - for Shroud - Aluminum Direct Buried Pole	0		5.22	0	0.0		0
72		Shroud - Standard Style for anchor base poles	0		2.45	0	0.0		0
73		Shroud - Style B Pole for smooth and fluted poles	0		2.30	0	0.0		0
74		Shroud - Style C Pole for smooth and fluted poles	0		2.21	0	0.0		0
75		Shroud - Style D Pole for smooth and fluted poles	0		2.38	0	0.0		0
76		TOTAL LED POLES	0			0			0
77		POLE FOUNDATIONS							
78		Flush - Pre-fabricated - Style A Pole	0		10.33	0	0.0		0
79		Flush - Pre-fabricated - Style B Pole	0		9.31	0	0.0		0
80		Flush - Pre-fabricated - Style C Pole	0		10.94	0	0.0		0
81		Flush - Pre-fabricated - Style E Pole	0		10.33	0	0.0		0
82		Flush - Pre-fabricated - Style F Pole	0		9.31	0	0.0		0
83		Flush - Pre-fabricated - Style D Pole	0		9.07	0	0.0		0
84		Reveal - Pre-fabricated - Style A Pole	0		10.97	0	0.0		0
85		Reveal - Pre-fabricated - Style B Pole	0		11.73	0	0.0		0
86		Reveal - Pre-fabricated - Style C Pole	0		11.72	0	0.0		0
87		Reveal - Pre-fabricated - Style D Pole	0		11.72	0	0.0		0
88		Reveal - Pre-fabricated - Style E Pole	0		11.72	0	0.0		0
89		Reveal - Pre-fabricated - Style F Pole	0		10.25	0	0.0		0
90		Screw-in Foundation	0		5.76	0	0.0		0
91		TOTAL LED POLE FOUNDATIONS	0			0			0

(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 \$0.000681 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271

ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED November 30, 2019
(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 with Riders

SCHEDULE M-2.3
PAGE 23 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES (D)	PROPOSED RATES(1A)	PROPOSED	% OF REV TO	FAC	PROPOSED
						REVENUE LESS	TOTAL LESS	REVENUE (2)	TOTAL REVENUE
	(A)	(B)	(C)	(KWH)	(E)	(F)	(G)	(H)	(I)
					(\$/UNIT)	(\$)	(%)	(\$)	(\$)
92	LED	STREET LIGHTING -- LED (CONT'D)							
93	BRACKETS								
94	14 inch bracket - wood pole - side mount		0		1.37	0	0.0		0
95	4 foot bracket - wood pole - side mount		0		1.48	0	0.0		0
96	6 foot bracket - wood pole - side mount		0		1.36	0	0.0		0
97	8 foot bracket - wood pole - side mount		0		2.19	0	0.0		0
98	10 foot bracket - wood pole - side mount		0		4.53	0	0.0		0
99	12 foot bracket - wood pole - side mount		0		3.59	0	0.0		0
100	15 foot bracket - wood pole - side mount		0		4.37	0	0.0		0
101	4 foot bracket - metal pole - side mount		0		5.28	0	0.0		0
102	6 foot bracket - metal pole - side mount		0		5.64	0	0.0		0
103	8 foot bracket - metal pole - side mount		0		5.67	0	0.0		0
104	10 foot bracket - metal pole - side mount		0		5.98	0	0.0		0
105	12 foot bracket - metal pole - side mount		0		6.80	0	0.0		0
106	15 foot bracket - metal pole - side mount		0		6.95	0	0.0		0
107	18 inch bracket - metal pole - double Flood Mount - top mount		0		2.26	0	0.0		0
108	14 inch bracket - metal pole - single mount - top tenon		0		1.62	0	0.0		0
109	14 inch bracket - metal pole - double mount - top tenon		0		2.01	0	0.0		0
110	14 inch bracket - metal pole - triple mount - top tenon		0		2.48	0	0.0		0
111	14 inch bracket - metal pole - quad mount - top tenon		0		2.32	0	0.0		0
112	6 foot - metal pole - single - top tenon		0		2.44	0	0.0		0
113	6 foot - metal pole - double - top tenon		0		3.90	0	0.0		0
114	4 foot - Boston Harbor - top tenon		0		7.94	0	0.0		0
115	6 foot - Boston Harbor - top tenon		0		8.69	0	0.0		0
116	12 foot - Boston Harbor Style C pole double mount - top tenon		0		15.66	0	0.0		0
117	4 foot - Davit arm - top tenon		0		8.44	0	0.0		0
118	18 inch - Cobrahead fixture for wood pole		0		1.20	0	0.0		0
119	18 inch - Flood light for wood pole		0		1.35	0	0.0		0
120	TOTAL BRACKETS		0			0			0
121	WIRING EQUIPMENT								
122	Secondary Pedestal (cost per unit)		0		2.07	0	0.0		0
123	Handhole (cost per unit)		0		1.72	0	0.0		0
124	6AL DUPLEX and Trench (cost per foot)		0		0.92	0	0.0		0
125	6AL DUPLEX and Trench with conduit (cost per foot)		0		0.96	0	0.0		0
126	6AL DUPLEX with existing conduit (cost per foot)		0		0.89	0	0.0		0
127	6AL DUPLEX and Bore with conduit (cost per foot)		0		1.10	0	0.0		0
128	6AL DUPLEX OH wire (cost per foot)		0		0.88	0	0.0		0
129	TOTAL WIRING EQUIPMENT		0			0			0
130	RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH):								
131	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)					0	0.0		0
132	FUEL ADJUSTMENT CLAUSE (FAC)				0.000681		0.0	0	0
133	PROFIT SHARING MECHANISM (PSM)				(0.000163)	0	0.0		0
134	TOTAL RIDERS NOT INCLUDED IN RATES ABOVE					0	0.0		0
135	TOTAL RATE LED INCLUDING RIDERS		0	0		0	0.0	0	0

(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 \$0.000681 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
REVENUES AT PRESENT AND PROPOSED RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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
PAGE 1 OF 1
WITNESS:
J. L. Kern

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)
RESIDENTIAL					
1	RESIDENTIAL SERVICE (RS)	142,725,329	166,037,161	23,311,832	16.33%
2	TOTAL RESIDENTIAL	<u>142,725,329</u>	<u>166,037,161</u>	<u>23,311,832</u>	<u>16.33%</u>
DISTRIBUTION					
3	DISTRIBUTION SERVICE (DS)	107,120,615	118,382,878	11,262,263	10.51%
4	DT PRIMARY TIME OF DAY (DT-PRI)	35,609,809	39,188,453	3,578,644	10.05%
5	DT SECONDARY TIME OF DAY (DT-SEC)	55,679,009	61,272,189	5,593,180	10.05%
6	ELECTRIC SPACE HEATING (EH)	714,500	789,863	75,363	10.55%
7	SPORTS SERVICE (SP)	35,533	39,290	3,757	10.57%
8	SMALL FIXED LOADS (GSFL)	684,691	757,059	72,368	10.57%
9	PRIMARY VOLTAGE (DP)	1,618,001	1,803,392	185,391	11.46%
10	TOTAL DISTRIBUTION	<u>201,462,158</u>	<u>222,233,124</u>	<u>20,770,966</u>	<u>10.31%</u>
TRANSMISSION					
11	TIME OF DAY (TT)	15,048,103	16,174,592	1,126,489	7.49%
12	TOTAL TRANSMISSION	<u>15,048,103</u>	<u>16,174,592</u>	<u>1,126,489</u>	<u>7.49%</u>
REAL TIME PRICING					
13	DT PRIMARY-REAL TIME PRICING (DT-RTP PRI)	0	0	0	-
14	DT SECONDARY-REAL TIME PRICING (DT-RTP SEC)	75,246	90,205	14,959	19.88%
15	DS-REAL TIME PRICING (DS-RTP)	49,438	56,946	7,508	15.19%
16	TT-REAL TIME PRICING (TT-RTP)	526,469	570,332	43,863	8.33%
17	TOTAL REAL TIME PRICING	<u>651,153</u>	<u>717,483</u>	<u>66,330</u>	<u>10.19%</u>
LIGHTING					
18	STREET LIGHTING (SL)	1,541,102	1,705,304	164,202	10.65%
19	TRAFFIC LIGHTING (TL)	80,436	89,339	8,903	11.07%
20	UNMETERED OUTDOOR LIGHTING (UOLS)	197,059	219,328	22,269	11.30%
21	NON STANDARD STREET LIGHTING (NSU)	79,931	88,381	8,450	10.57%
22	CUST OWNED STREET LIGHTING SERVICE (SC)	4,056	4,515	459	11.32%
23	OVERHEAD EQUIV STREET LIGHTING SERVICE (SE)	226,920	251,044	24,124	10.63%
24	LED OUTDOOR LIGHTING (LED)	0	0	0	-
25	TOTAL LIGHTING	<u>2,129,504</u>	<u>2,357,911</u>	<u>228,407</u>	<u>10.73%</u>
26	INTERDEPARTMENTAL	58,828	66,205	7,377	12.54%
27	SPECIAL CONTRACTS	16,848	18,961	2,113	12.54%
28	TOTAL RETAIL REVENUE	<u>362,091,923</u>	<u>407,605,437</u>	<u>45,513,514</u>	<u>12.57%</u>
OTHER MISCELLANEOUS REVENUE					
29	PJM AND TRANSMISSION	169,500	169,500	0	0.00%
30	BAD CHECK CHARGES	40,932	40,932	0	0.00%
31	RECONNECTION CHARGES	45,600	61,738	16,138	35.39%
32	POLE AND LINE ATTACHMENTS	215,037	319,833	104,796	48.73%
33	RENTS	1,058,004	1,058,004	0	0.00%
34	OTHER MISCELLANEOUS	165,980	165,980	0	0.00%
35	TOTAL MISCELLANEOUS REVENUE	<u>1,695,053</u>	<u>1,815,987</u>	<u>120,934</u>	<u>7.13%</u>
36	TOTAL REVENUE	<u>363,786,976</u>	<u>409,421,424</u>	<u>45,634,448</u>	<u>12.54%</u>

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
TEST PERIOD REVENUES AT CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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-2.1
PAGE 1 OF 1
WITNESS:
J. L. Kern

TEST PERIOD REVENUES AT CURRENT RATES

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	TEST PERIOD	% OF REV		FAC REVENUE (H)	TEST PERIOD	% OF REV
					REVENUE LESS FAC REVENUE (E)	AVERAGE RATE (F=E/D)	TO TOTAL FAC (G)		REVENUE TOTAL (I)	
				(KWH)	(\$)	(\$/KWH)	(%)	(\$)	(\$)	(%)
1	RS	RESIDENTIAL SERV	1,567,592	1,474,334,998	141,721,307	9.6126	39.25	1,004,022	142,725,329	39.23
2	DS	DISTRIBUTION SERV	157,764	1,098,580,606	106,372,482	9.6827	29.46	748,133	107,120,615	29.45
3	DT-PRI	TIME OF DAY	455	479,737,379	35,283,108	7.3547	9.77	326,701	35,609,809	9.79
4	DT-SEC	TIME OF DAY	1,876	691,028,749	55,208,418	7.9893	15.29	470,591	55,679,009	15.31
5	EH	ELEC SPACE HEATING	481	9,323,104	708,151	7.5957	0.20	6,349	714,500	0.20
6	SP	SPORTS SERV	180	277,600	35,344	12.7320	0.01	189	35,533	0.01
7	GSFL	SMALL FIXED LOADS	540	6,000,613	680,605	11.3423	0.19	4,086	684,691	0.19
8	DP	PRIMARY VOLTAGE	120	19,761,251	1,604,544	8.1196	0.44	13,457	1,618,001	0.44
9	TT	TIME OF DAY	155	229,203,341	14,892,016	6.4973	4.12	156,087	15,048,103	4.14
10	DT-RTP PRI	REAL TIME PRICING	0	0	0	-	-	0	0	-
11	DT-RTP SEC	REAL TIME PRICING	24	1,610,719	75,246	4.6716	0.02	0	75,246	0.02
12	DS-RTP	REAL TIME PRICING	36	808,421	49,438	6.1154	0.01	0	49,438	0.01
13	TT-RTP	REAL TIME PRICING	24	14,495,300	526,469	3.6320	0.15	0	526,469	0.14
14	SL	STREET LIGHTING	135,466	10,548,224	1,533,918	14.5420	0.42	7,183	1,541,102	0.42
15	TL	TRAFFIC LIGHTING	95,904	1,445,796	79,451	5.4953	0.02	985	80,436	0.02
16	UOLS	UNMTRD OUTDR LIGHT	89,808	4,739,968	193,831	4.0893	0.05	3,228	197,059	0.05
17	NSU	NON STD STREET LIGHT	9,196	449,416	79,625	17.7174	0.02	306	79,931	0.02
18	SC	CUST OWNED STREET LIGHTING	2,065	97,596	3,990	4.0883	-	66	4,056	-
19	SE	OVR HD EQUIV STREET LIGHTING	25,036	1,493,016	225,903	15.1306	0.06	1,017	226,920	0.06
20	LED	LED OUTDOOR LIGHT	0	0	0	-	-	0	0	-
21	ID01	INTERDEPARTMENTAL	12	715,341	58,341	8.1557	0.02	487	58,828	0.02
22	IS	PJM AND TRANSMISSION	0	0	169,500	-	0.05	0	169,500	0.05
23		BAD CHECK CHARGES	0	0	40,932	-	0.01	0	40,932	0.01
24		RECONNECTION CHGS	0	0	45,600	-	0.01	0	45,600	0.01
25		POLE AND LINE ATTACHMENTS	0	0	215,037	-	0.06	0	215,037	0.06
26		RENTS	0	0	1,058,004	-	0.29	0	1,058,004	0.29
27	WS	SPECIAL CONTRACTS	132	352,079	16,608	4.7171	-	240	16,848	-
28		OTHER MISC	0	0	165,980	-	0.05	0	165,980	0.05
29	TOTAL		2,086,866	4,045,003,517	361,043,848	8.9257	100.00	2,743,127	363,786,976	100.00

NOTE: DETAIL CONTAINED ON SCHEDULES M-2.2 AND M-2.3.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 1 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO TOTAL LESS FAC REVENUE (L)	REVENUE INCR LESS FAC REV (F - K) (M)	% INCR IN REV LESS FAC REV (M / K) (N)	FAC REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
RESIDENTIAL												
1	RS	RESIDENTIAL SERV	1,567,592	1,474,334,998	9.6126	141,721,307	100.00	23,311,832	16.4	1,004,022	142,725,329	16.3
2	TOTAL RESIDENTIAL		1,567,592	1,474,334,998	9.6126	141,721,307	39.25	23,311,832	16.4	1,004,022	142,725,329	16.3
DISTRIBUTION												
3	DS	DISTRIBUTION SERV	157,764	1,098,580,606	9.6827	106,372,482	53.21	11,262,263	10.6	748,133	107,120,615	10.5
4	DT-PRI	TIME OF DAY	455	479,737,379	7.3547	35,283,108	17.65	3,578,644	10.1	326,701	35,609,809	10.0
5	DT-SEC	TIME OF DAY	1,876	691,028,749	7.9893	55,208,418	27.62	5,593,180	10.1	470,591	55,679,009	10.0
6	EH	ELEC SPACE HEATING	481	9,323,104	7.5957	708,151	0.35	75,363	10.6	6,349	714,500	10.5
7	SP	SPORTS SERV	180	277,600	12.7320	35,344	0.02	3,757	10.6	189	35,533	10.6
8	GSFL	SMALL FIXED LOADS	540	6,000,613	11.3423	680,605	0.34	72,368	10.6	4,086	684,691	10.6
9	DP	PRIMARY VOLTAGE	120	19,761,251	8.1196	1,604,544	0.80	185,391	11.6	13,457	1,618,001	11.5
10	TOTAL DISTRIBUTION		161,416	2,304,709,302	8.6732	199,892,652	55.37	20,770,966	10.4	1,569,506	201,462,158	10.3
TRANSMISSION												
11	TT	TIME OF DAY	155	229,203,341	6.4973	14,892,016	100.00	1,126,489	7.6	156,087	15,048,103	7.5
12	TOTAL TRANSMISSION		155	229,203,341	6.4973	14,892,016	4.12	1,126,489	7.6	156,087	15,048,103	7.5
REAL TIME PRICING												
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	1,610,719	4.6716	75,246	11.56	14,959	19.9	0	75,246	19.9
15	DS-RTP	REAL TIME PRICING	36	808,421	6.1154	49,438	7.59	7,508	15.2	0	49,438	15.2
16	TT-RTP	REAL TIME PRICING	24	14,495,300	3.6320	526,469	80.85	43,863	8.3	0	526,469	8.3
17	TOTAL REAL TIME PRICING		84	16,914,440	3.8497	651,153	0.18	66,330	10.2	0	651,153	10.2
LIGHTING												
18	SL	STREET LIGHTING	135,466	10,548,224	14.5420	1,533,918	72.47	164,202	10.7	7,183	1,541,102	10.7
19	TL	TRAFFIC LIGHTING	95,904	1,445,796	5.4953	79,451	3.75	8,903	11.2	985	80,436	11.1
20	UOLS	UNMTRD OUTDR LIGHT	89,808	4,739,968	4.0893	193,831	9.16	22,269	11.5	3,228	197,059	11.3
21	NSU	NON STD STREET LIGHT	9,196	449,416	17.7174	79,625	3.76	8,450	10.6	306	79,931	10.6
22	SC	CUST OWNED STREET LIGHTING	2,065	97,596	4.0883	3,990	0.19	459	11.5	66	4,056	11.3
23	SE	OVR HD EQUIV STREET LIGHTING	25,036	1,493,016	15.1306	225,903	10.67	24,123	10.7	1,017	226,920	10.6
24	LED	LED OUTDOOR LIGHT	0	0	-	0	-	0	0.0	0	0	0.0
25	TOTAL LIGHTING		357,475	18,774,016	11.2747	2,116,718	0.59	228,406	10.8	12,785	2,129,504	10.7
OTHER MISC REVENUE												
26	ID01	INTERDEPARTMENTAL	12	715,341	8.1557	58,341	3.30	7,377	12.6	487	58,828	12.5
27		PJM AND TRANSMISSION	0	0	-	169,500	9.58	0	0.0	0	169,500	0.0
28		BAD CHECK CHARGES	0	0	-	40,932	2.31	0	0.0	0	40,932	0.0
29		RECONNECTION CHGS	0	0	-	45,600	2.58	16,138	35.4	0	45,600	35.4
30		POLE AND LINE ATTACHMENTS	0	0	-	215,037	12.15	104,796	48.7	0	215,037	48.7
31		RENTS	0	0	-	1,058,004	59.77	0	0.0	0	1,058,004	0.0
32	WS	SPECIAL CONTRACTS	132	352,079	4.7171	16,608	0.94	2,113	12.7	240	16,848	12.5
33		OTHER MISC	0	0	-	165,980	9.38	0	0.0	0	165,980	0.0
34	TOTAL MISC REVENUE		144	1,067,420		1,770,002	0.49	130,424	7.4	727	1,770,729	7.4
35	TOTAL		2,086,866	4,045,003,517	8.9257	361,043,848	100.00	45,634,447	12.6	2,743,127	363,786,976	12.5

NOTE: DETAIL CONTAINED ON SCHEDULES M-2.2 PAGES 2 THROUGH 22.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 2 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO TOTAL LESS FAC REVENUE (L)	REVENUE INCR LESS FAC REV (F - K) (M)	% INCR IN REV LESS FAC REV (M / K) (N)	FAC 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		1,567,592		\$11.00	17,243,512	12.2	4,702,776	27.3		17,243,512	27.3
4	ENERGY CHARGE (3):											
5	ALL KWH			1,474,334,998	0.071650	105,636,103	74.5	18,609,056	17.6		105,636,103	17.6
6	TOTAL RATE RS EXCLUDING RIDERS		1,567,592	1,474,334,998		122,879,615	86.7	23,311,832	19.0		122,879,615	19.0
7	RIDERS:											
8	HOME ENERGY ASSISTANCE (HEA)				\$0.10	156,759	0.1	0	0.0		156,759	0.0
9	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.003035	4,474,607	3.2	0	0.0		4,474,607	0.0
10	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				11.76%	14,450,643	10.2	0	0.0		14,450,643	0.0
11	FUEL ADJUSTMENT CLAUSE (FAC)				0.000681					1,004,022	1,004,022	0.0
12	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(240,317)	(0.2)	0	0.0		(240,317)	0.0
13	TOTAL RIDERS					18,841,692	13.3	0	0.0	1,004,022	19,845,714	0.0
14	TOTAL RATE RS INCLUDING RIDERS		1,567,592	1,474,334,998		141,721,307	100.0	23,311,832	16.4	1,004,022	142,725,329	16.3

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 3 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES	CURRENT REVENUE LESS FAC REVENUE	% OF REV TO TOTAL LESS FAC REVENUE	REVENUE INCR LESS FAC REV	% INCR IN REV LESS FAC REV	FAC REVENUE (2)	CURRENT TOTAL REVENUE	TOTAL REVENUE % INCREASE
(A)	(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	1,850		\$5.00	9,250	0.0	0	0.0		9,250	0.0
5		SINGLE PHASE	85,095		\$17.14	1,458,528	1.4	(182,103)	(12.5)		1,458,528	(12.5)
6		THREE PHASE	72,669		\$34.28	2,491,093	2.3	(311,023)	(12.5)		2,491,093	(12.5)
7		TOTAL CUSTOMER CHARGE	157,764			3,958,871	3.7	(493,126)	(12.5)		3,958,871	(12.5)
8		DEMAND CHARGE:										
9		FIRST 15 KW		1,422,691	\$0.00	0	0.0	0	0.0		0	0.0
10		ADDITIONAL KW		2,434,415	\$8.25	20,083,924	18.9	2,750,889	13.7		20,083,924	13.7
11		TOTAL DEMAND		3,857,106		20,083,924	18.9	2,750,889	13.7		20,083,924	13.7
12		ENERGY CHARGE (3):										
13		FIRST 6000 KWH		387,763,899	0.080200	31,098,665	29.2	4,280,138	13.8		31,098,665	13.8
14		NEXT 300KWH/KW		600,468,397	0.049232	29,562,260	27.8	4,068,774	13.8		29,562,260	13.8
15		ADDITIONAL KWH		108,623,566	0.040317	4,379,376	4.1	602,752	13.8		4,379,376	13.8
16		NON-CHURCH "CAP" RATE		1,454,608	0.236915	344,618	0.3	47,429	13.8		344,618	13.8
17		CHURCH CAP RATE		270,136	0.145445	39,290	0.0	5,407	13.8		39,290	13.8
18		TOTAL ENERGY		1,098,580,606		65,424,209	61.5	9,004,500	13.8		65,424,209	13.8
19		TOTAL RATE DS EXCLUDING RIDERS	157,764	1,098,580,606		89,467,004	84.1	11,262,263	12.6		89,467,004	12.6
20		RIDERS:										
21		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	5,592,874	5.3	0	0.0		5,592,874	0.0
22		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	11,491,673	10.8	0	0.0		11,491,673	0.0
23		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					748,133	748,133	0.0
24		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(179,069)	(0.2)	0	0.0		(179,069)	0.0
25		TOTAL RIDERS				16,905,478	15.9	0	0.0	748,133	17,653,611	0.0
26		TOTAL RATE DS INCLUDING RIDERS	157,764	1,098,580,606		106,372,482	100.0	11,262,263	10.6	748,133	107,120,615	10.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 4 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO TOTAL LESS FAC REVENUE (L)	REVENUE INCR LESS FAC REV (F - K) (M)	% INCR IN REV LESS FAC REV (M / K) (N)	FAC REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DT-PRI	TIME OF DAY PRIMARY										
2		SUMMER:										
3		CUSTOMER CHARGE:										
4		PRIMARY VOLTAGE	152		\$138.00	20,976	0.1	0	0.0		20,976	0.0
5		TOTAL CUSTOMER CHARGE	152			20,976	0.1	0	0.0		20,976	0.0
6		DEMAND CHARGE:										
7		ON PEAK KW		316,210	\$13.78	4,357,374	12.3	528,071	12.1		4,357,374	0.0
8		OFF PEAK KW		17,953	\$1.24	22,262	0.1	2,693	12.1		22,262	12.1
9		SUB-TOTAL		334,163		4,379,636	12.4	530,764	12.1		4,379,636	12.1
10		PRIMARY SERV. DIS.										
11		FIRST 1000 KW		125,344	(\$0.70)	(87,741)	(0.2)	(10,027)	11.4		(87,741)	11.4
12		ADDITIONAL KW		208,819	(\$0.54)	(112,762)	(0.3)	(14,618)	13.0		(112,762)	13.0
13		TOTAL DEMAND		334,163		4,179,133	11.8	506,119	12.1		4,179,133	12.1
14		ENERGY CHARGE (3):										
15		ON PEAK KWH		47,406,405	0.043450	2,059,808	5.8	249,453	12.1		2,059,808	12.1
16		OFF PEAK KWH		121,762,096	0.035582	4,332,539	12.3	524,551	12.1		4,332,539	12.1
17		TOTAL SUMMER	152	169,168,501		10,592,456	30.0	1,280,123	12.1		10,592,456	12.1
18		WINTER:										
19		CUSTOMER CHARGE:										
20		PRIMARY VOLTAGE	303		\$138.00	41,814	0.1	0	0.0		41,814	0.0
21		TOTAL CUSTOMER CHARGE	303			41,814	0.1	0	0.0		41,814	0.0
22		DEMAND CHARGE:										
23		ON PEAK KW		595,945	\$13.04	7,771,123	22.0	941,593	12.1		7,771,123	0.0
24		OFF PEAK KW		38,057	\$1.24	47,191	0.1	5,708	12.1		47,191	12.1
25		SUB-TOTAL		634,002		7,818,314	22.2	947,301	12.1		7,818,314	12.1
26		PRIMARY SERV. DIS.										
27		FIRST 1000 KW		276,544	(\$0.70)	(193,581)	(0.5)	(22,123)	11.4		(193,581)	11.4
28		ADDITIONAL KW		357,459	(\$0.54)	(193,028)	(0.5)	(25,022)	13.0		(193,028)	13.0
29		TOTAL DEMAND		634,003		7,431,705	21.1	900,156	12.1		7,431,705	12.1
30		ENERGY CHARGE (3):										
31		ON PEAK KWH		84,879,504	0.041479	3,520,717	10.0	426,095	12.1		3,520,717	12.1
32		OFF PEAK KWH		225,689,374	0.035582	8,030,479	22.8	972,270	12.1		8,030,479	12.1
33		TOTAL WINTER	303	310,568,878		19,024,715	53.9	2,298,521	12.1		19,024,715	12.1
34		TOTAL RATE DT PRIMARY EXCLUDING RIDERS	455	479,737,379		29,617,171	83.9	3,578,644	12.1		29,617,171	12.1
35		RIDERS:										
36		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	2,442,343	6.9	0	0.0		2,442,343	0.0
37		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	3,301,791	9.4	0	0.0		3,301,791	0.0
38		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					326,701	326,701	0.0
39		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(78,197)	(0.2)	0	0.0		(78,197)	0.0
40		TOTAL RIDERS				5,665,937	16.1	0	0.0	326,701	5,992,638	0.0
41		TOTAL RATE DT PRIMARY INCLUDING RIDERS	455	479,737,379		35,283,108	100.0	3,578,644	10.1	326,701	35,609,809	10.0

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 5 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO TOTAL LESS FAC REVENUE (L)	REVENUE INCR LESS FAC REV (F - K) (M)	% INCR IN REV LESS FAC REV (M / K) (N)	FAC REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DT-SEC TIME OF DAY SECONDARY											
2	SUMMER:											
3	CUSTOMER CHARGE:											
4		SINGLE PHASE	0		\$63.50	0	0.0	0	0.0		0	0.0
5		THREE PHASE	634		\$127.00	80,518	0.1	1,902	2.4		80,518	2.4
6		TOTAL CUSTOMER CHARGE	634			80,518	0.1	1,902	2.4		80,518	2.4
7	DEMAND CHARGE:											
8		ON PEAK KW		525,253	\$13.78	7,237,986	13.1	877,173	12.1		7,237,986	0.0
9		OFF PEAK KW		13,915	\$1.24	17,255	0.0	2,087	12.1		17,255	12.1
10		TOTAL DEMAND		539,168		7,255,241	13.1	879,260	12.1		7,255,241	12.1
11	ENERGY CHARGE (3):											
12		ON PEAK KWH		72,442,514	0.043450	3,147,627	5.7	381,193	12.1		3,147,627	12.1
13		OFF PEAK KWH		172,060,887	0.035582	6,122,270	11.1	741,239	12.1		6,122,270	12.1
14		TOTAL SUMMER	634	244,503,401		16,605,656	30.1	2,003,594	12.1		16,605,656	12.1
15	WINTER:											
16	CUSTOMER CHARGE:											
17		SINGLE PHASE	0		\$63.50	0	0.0	0	0.0		0	0.0
18		THREE PHASE	1,242		\$127.00	157,734	0.3	3,726	2.4		157,734	2.4
19		TOTAL CUSTOMER CHARGE	1,242			157,734	0.3	3,726	2.4		157,734	2.4
20	DEMAND CHARGE:											
21		ON PEAK KW		992,074	\$13.04	12,936,645	23.4	1,567,477	12.1		12,936,645	0.0
22		OFF PEAK KW		20,242	\$1.24	25,100	0.0	3,036	12.1		25,100	12.1
23		TOTAL DEMAND		1,012,316		12,961,745	23.5	1,570,513	12.1		12,961,745	12.1
24	ENERGY CHARGE (3):											
25		ON PEAK KWH		128,813,740	0.041479	5,343,065	9.7	646,645	12.1		5,343,065	12.1
26		OFF PEAK KWH		317,711,608	0.035582	11,304,814	20.5	1,368,702	12.1		11,304,814	12.1
27		TOTAL WINTER	1,242	446,525,348		29,767,358	53.9	3,589,586	12.1		29,767,358	12.1
28		TOTAL RATE DT SECONDARY EXCLUDING RIDERS	1,876	691,028,749		46,373,014	84.0	5,593,180	12.1		46,373,014	0.0
29	RIDERS:											
30		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	3,518,027	6.5	0	0.0		3,518,027	0.0
31		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	5,430,015	9.8	0	0.0		5,430,015	0.0
32		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					470,591	470,591	0.0
33		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(112,638)	(0.2)	0	0.0		(112,638)	0.0
34		TOTAL RIDERS				8,835,404	16.0	0	0.0	470,591	9,305,995	0.0
35		TOTAL RATE DT SECONDARY INCLUDING RIDERS	1,876	691,028,749		55,208,418	100.0	5,593,180	10.1	470,591	55,679,009	10.0

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 6 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO TOTAL LESS FAC REVENUE (L)	REVENUE INCR LESS FAC REV (F - K) (M)	% INCR IN REV LESS FAC REV (M / K) (N)	FAC REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
			(KW/KWH)		(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	EH	OPTIONAL RATE FOR										
2		ELEC. SPACE HEATING										
3	CUSTOMER CHARGE:											
4		SINGLE PHASE	106		\$17.14	1,817	0.3	(227)	(12.5)		1,817	(12.5)
5		THREE PHASE	375		\$34.28	12,855	1.9	(1,605)	(12.5)		12,855	(12.5)
6		PRIMARY VOLTAGE	0		\$117.00	0	0.0	0	0.0		0	0.0
7		TOTAL CUSTOMER CHARGE	481			14,672	2.1	(1,832)	(12.5)		14,672	(12.5)
8	DEMAND CHARGE:											
9		ALL KW		30,346	\$0.00	0	0.0	0	0.0		0	0.0
10	ENERGY CHARGE (3):											
11		ALL CONSUMPTION		9,323,104	0.062202	579,916	81.9	77,195	13.3		579,916	13.3
12		TOTAL RATE EH EXCLUDING RIDERS	481	9,323,104		594,588	84.0	75,363	12.7		594,588	12.7
13	RIDERS:											
14		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	47,464	6.7	0	0.0		47,464	0.0
15		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	67,619	9.5	0	0.0		67,619	0.0
16		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					6,349	6,349	0.0
17		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(1,520)	(0.2)	0	0.0		(1,520)	0.0
18		TOTAL RIDERS				113,563	16.0	0	0.0	6,349	119,912	0.0
19		TOTAL RATE EH INCLUDING RIDERS	481	9,323,104		708,151	100.0	75,363	10.6	6,349	714,500	10.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 7 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO TOTAL LESS FAC REVENUE (L)	REVENUE INCR LESS FAC REV (F - K) (M)	% INCR IN REV LESS FAC REV (M / K) (N)	FAC 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		\$17.14	3,085	8.7	(385)	(12.5)		3,085	(12.5)
4		ENERGY CHARGE (3):										
5		ALL CONSUMPTION		277,600	0.096130	26,686	75.4	4,142	15.5		26,686	15.5
6		TOTAL RATE SP EXCLUDING RIDERS	180	277,600		29,771	84.2	3,757	12.6		29,771	12.6
7		RIDERS:										
8		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	1,413	4.0	0	0.0		1,413	0.0
9		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	4,205	11.9	0	0.0		4,205	0.0
10		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					189	189	0.0
11		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(45)	(0.1)	0	0.0		(45)	0.0
12		TOTAL RIDERS				5,573	15.8	0	0.0	189	5,762	0.0
13		TOTAL RATE SP INCLUDING RIDERS	180	277,600		35,344	100.0	3,757	10.6	189	35,533	10.6
14	GS-FL	SMALL FIXED LOADS										
15		MINIMUM BILLS	540		\$2.98	1,609	0.2	205	12.7		1,609	12.7
16		BASE RATE (3):										
17		LOAD RANGE 540 TO 720 HRS		11,720	0.082708	969	0.1	122	12.6		969	12.6
18		LOAD RANGE LESS THAN 540 HRS		5,988,893	0.095240	570,382	83.8	72,041	12.6		570,382	12.6
19		TOTAL RATE GS-FL EXCLUDING RIDERS	540	6,000,613		572,960	84.2	72,368	12.6		572,960	12.6
20		RIDERS:										
21		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	30,549	4.5	0	0.0		30,549	0.0
22		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	78,074	11.5	0	0.0		78,074	0.0
23		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					4,086	4,086	0.0
24		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(978)	(0.1)	0	0.0		(978)	0.0
25		TOTAL RIDERS				107,645	15.8	0	0.0	4,086	111,731	0.0
26		TOTAL RATE GS-FL INCLUDING RIDERS	540	6,000,613		680,605	100.0	72,368	10.6	4,086	684,691	10.6

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 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. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 8 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES	CURRENT REVENUE LESS FAC REVENUE	% OF REV TO TOTAL LESS FAC REVENUE	REVENUE INCR LESS FAC REV (F - K)	% INCR IN REV LESS FAC REV (M / K)	FAC REVENUE (2)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
(A)	(B)	(C)	(D)	(E)	(J)	(K)	(L)	(M)	(N)	(H)	(K1)	(O)
			(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(\$)	(%)
1	DP	SERVICE AT PRIMARY										
2		DISTRIBUTION VOLTAGE										
3		CUSTOMER CHARGE:										
4		LOAD MANAGEMENT RIDER	24		\$5.00	120	0.0	0	0.0		120	0.0
5		PRIMARY VOLTAGE	120		\$117.00	14,040	0.9	0	0.0		14,040	0.0
6		TOTAL CUSTOMER CHARGE	120			14,160	1.0	0	0.0		14,160	0.0
7		DEMAND CHARGE:										
8		ALL KW	46,913		\$7.92	371,551	23.2	51,604	13.9		371,551	13.9
9		TOTAL DEMAND	46,913			371,551	23.2	51,604	13.9		371,551	13.9
10		ENERGY CHARGE (3):										
11		FIRST 300KWH/KW	13,736,575		0.051092	701,829	43.7	97,681	13.9		701,829	13.9
12		ADDITIONAL KWH	6,024,676		0.043219	260,380	16.2	36,106	13.9		260,380	13.9
13		CAP RATE KWH	0		0.241312	0	0.0	0	0.0		0	0.0
14		TOTAL ENERGY	19,761,251			962,209	60.0	133,787	13.9		962,209	13.9
15		TOTAL RATE DP EXCLUDING RIDERS	120	19,761,251		1,347,920	84.0	185,391	13.8		1,347,920	13.8
16		RIDERS:										
17		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	100,605	6.2	0	0.0		100,605	0.0
18		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	159,240	9.9	0	0.0		159,240	0.0
19		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					13,457	13,457	0.0
20		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(3,221)	(0.2)	0	0.0		(3,221)	0.0
21		TOTAL RIDERS				256,624	16.0	0	0.0	13,457	270,081	0.0
22		TOTAL RATE DP INCLUDING RIDERS	120	19,761,251		1,604,544	100.0	185,391	11.6	13,457	1,618,001	11.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 9 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES	CURRENT REVENUE LESS FAC	% OF REV TO TOTAL LESS FAC	REVENUE INCR LESS FAC REV	% INCR IN REV LESS FAC REV	FAC 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/KWH)	(\$/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		164,217	\$8.07	1,325,231	8.9	111,668	8.4		1,325,231	8.4
6		OFF PEAK KW		6,210	\$1.22	7,576	0.1	621	8.2		7,576	8.2
7		TOTAL DEMAND		170,427		1,332,807	9.0	112,289	8.4		1,332,807	8.4
8		ENERGY CHARGE (3):										
9		ON PEAK KWH		26,283,286	0.049051	1,289,221	8.7	109,234	8.5		1,289,221	8.5
10		OFF PEAK KWH		49,073,886	0.040168	1,971,200	13.2	166,998	8.5		1,971,200	8.5
11		TOTAL ENERGY		75,357,172		3,260,421	21.9	276,232	8.5		3,260,421	8.5
12		TOTAL SUMMER	52	75,357,172		4,619,228	31.0	388,521	8.4		4,619,228	8.4
13		WINTER:										
14		CUSTOMER CHARGE	103		\$500.00	51,500	0.3	0	0.0		51,500	0.0
15		DEMAND CHARGE:										
16		ON PEAK KW		333,064	\$6.62	2,204,884	14.8	186,516	8.5		2,204,884	8.5
17		OFF PEAK KW		12,304	\$1.22	15,011	0.1	1,230	8.2		15,011	8.2
18		TOTAL DEMAND		345,368		2,219,895	14.9	187,746	8.5		2,219,895	8.5
19		ENERGY CHARGE (3):										
20		ON PEAK KWH		47,227,579	0.046826	2,211,479	14.9	187,399	8.5		2,211,479	8.5
21		OFF PEAK KWH		106,618,590	0.040168	4,282,656	28.7	362,823	8.5		4,282,656	8.5
22		TOTAL ENERGY		153,846,169		6,494,135	43.6	550,222	8.5		6,494,135	8.5
23		TOTAL WINTER	103	153,846,169		8,765,530	58.9	737,968	8.4		8,765,530	8.4
24		TOTAL RATE TT EXCLUDING RIDERS	155	229,203,341		13,384,758	89.9	1,126,489	8.4		13,384,758	8.4
25		RIDERS:										
26		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.000463	106,121	0.7	0	0.0		106,121	0.0
27		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	1,438,497	9.7	0	0.0		1,438,497	0.0
28		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681					156,087	156,087	0.0
29		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(37,360)	(0.3)	0	0.0		(37,360)	0.0
30		TOTAL RIDERS				1,507,258	10.1	0	0.0	156,087	1,663,345	0.0
31		TOTAL RATE TT INCLUDING RIDERS	155	229,203,341		14,892,016	100.0	1,126,489	7.6	156,087	15,048,103	7.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 10 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO TOTAL LESS FAC REVENUE (L)	REVENUE INCR LESS FAC REV (F - K) (M)	% INCR IN REV LESS FAC REV (M / K) (N)	FAC 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										
2		DISTRIBUTION VOLTAGE										
3		CUSTOMER CHARGE:										
4		BILLS (Real-Time Pricing)	24		\$183.00	4,392	5.8	0	0.0		4,392	0.0
5		TOTAL CUSTOMER CHARGE				4,392	5.8	0	0.0		4,392	0.0
6		ENERGY CHARGE:										
7		ALL KWH		1,610,719	0.009104	14,664	19.5	14,959	102.0		14,664	102.0
8		COMMODITY CHARGES		1,610,719	0.029462	47,455	63.1	0	0.0	0	47,455	0.0
9		TOTAL ENERGY		1,610,719		62,119	82.6	14,959	24.1	0	62,119	24.1
10		TOTAL RATE DT RTP SECONDARY EXCLUDING RIDERS	24	1,610,719		66,511	88.4	14,959	22.5	0	66,511	22.5
11		RIDERS:										
12		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	8,200	10.9	0	0.0		8,200	0.0
13		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	798	1.1	0	0.0		798	0.0
14		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(263)	(0.3)	0	0.0		(263)	0.0
15		TOTAL RIDERS				8,735	11.6	0	0.0	0	8,735	0.0
16		TOTAL RATE DT RTP SECONDARY INCLUDING RIDERS	24	1,610,719		75,246	100.0	14,959	19.9	0	75,246	19.9

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 11 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO TOTAL LESS FAC REVENUE (L)	REVENUE INCR LESS FAC REV (F - K) (M)	% INCR IN REV LESS FAC REV (M / K) (N)	FAC 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	13.3	0	0.0		6,588	0.0
5		TOTAL CUSTOMER CHARGE				6,588	13.3	0	0.0		6,588	0.0
6		ENERGY CHARGE:										
7		ALL KWH		808,421	0.009104	7,360	14.9	7,508	102.0		7,360	102.0
8		COMMODITY CHARGES		808,421	0.037493	30,310	61.3	0	0.0	0	30,310	0.0
9		TOTAL ENERGY		808,421		37,670	76.2	7,508	19.9	0	37,670	19.9
10		TOTAL RATE DS RTP EXCLUDING RIDERS	36	808,421		44,258	89.5	7,508	17.0	0	44,258	17.0
11		RIDERS:										
12		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	4,116	8.3	0	0.0		4,116	0.0
13		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	1,196	2.4	0	0.0		1,196	0.0
14		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(132)	(0.3)	0	0.0		(132)	0.0
15		TOTAL RIDERS				5,180	10.5	0	0.0	0	5,180	0.0
16		TOTAL RATE DS RTP INCLUDING RIDERS	36	808,421		49,438	100.0	7,508	15.2	0	49,438	15.2

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 12 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO TOTAL LESS FAC REVENUE (L)	REVENUE INCR LESS FAC REV (F - K) (M)	% INCR IN REV LESS FAC REV (M / K) (N)	FAC 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	0.8	0	0.0		4,392	0.0
5	TOTAL CUSTOMER CHARGE					4,392	0.8	0	0.0		4,392	0.0
6	ENERGY CHARGE:											
7	ALL KWH			14,495,300	0.003576	51,835	9.8	43,863	84.6		51,835	84.6
8	COMMODITY CHARGES			14,495,300	0.032086	465,096	88.3	0	0.0	0	465,096	0.0
9	TOTAL ENERGY			14,495,300		516,931	98.2	43,863	8.5	0	516,931	8.5
10	TOTAL RATE TT RTP EXCLUDING RIDERS		24	14,495,300		521,323	99.0	43,863	8.4	0	521,323	8.4
11	RIDERS:											
12	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.000463	6,711	1.3	0	0.0		6,711	0.0
13	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				18.16%	798	0.2	0	0.0		798	0.0
14	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(2,363)	(0.4)	0	0.0		(2,363)	0.0
15	TOTAL RIDERS					5,146	1.0	0	0.0	0	5,146	0.0
16	TOTAL RATE TT RTP INCLUDING RIDERS		24	14,495,300		526,469	100.0	43,863	8.3	0	526,469	8.3

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 13 OF 22
WITNESS RESPONSIBLE:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES(1A) (J)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO TOTAL LESS FAC REVENUE (L)	REVENUE INCR LESS (F - K) (M)	% INCR IN REV LESS (M / K) (N)	FAC 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		66,375	4,441,594	7.27	482,546	31.5	59,074	12.2	3,025	485,571	12.2
5	7,000 LUMEN (OPEN)		60	4,265	6.07	364	0.0	45	12.4	3	367	12.3
6	7,000 LUMEN (4)		12	803	11.71	141	0.0	17	12.1	1	142	12.0
7	7,000 LUMEN (5)		511	34,194	11.77	6,014	0.4	736	12.2	23	6,037	12.2
8	7,000 LUMEN (6)		108	7,227	12.66	1,367	0.1	168	12.3	5	1,372	12.2
9	7,000 LUMEN (8A)		132	8,833	14.43	1,905	0.1	233	12.2	6	1,911	12.2
10	10,000 LUMEN		2,104	200,581	8.39	17,653	1.2	2,167	12.3	137	17,790	12.2
11	10,000 LUMEN (5)		0	0	12.89	0	0.0	0	0.0	0	0	0.0
12	21,000 LUMEN		9,336	1,391,842	11.23	104,843	6.8	12,884	12.3	948	105,791	12.2
13	21,000 LUMEN (5)		132	19,679	15.73	2,076	0.1	255	12.3	13	2,089	12.2
14	21,000 LUMEN (6)		132	19,679	16.62	2,194	0.1	269	12.3	13	2,207	12.2
15		METAL HALIDE:										
16	14,000 LUMEN		328	21,949	7.27	2,385	0.2	291	12.2	15	2,400	12.1
17	14,000 LUMEN (5)		48	3,212	11.77	565	0.0	69	12.2	2	567	12.2
18	14,000 LUMEN (6)		84	5,621	12.66	1,063	0.1	131	12.3	4	1,067	12.3
19	14,000 LUMEN (10)		12	803	11.77	141	0.0	18	12.8	1	142	12.7
20	20,500 LUMEN		168	16,016	8.39	1,410	0.1	173	12.3	11	1,421	12.2
21	20,500 LUMEN (6)		24	2,288	13.78	331	0.0	40	12.1	2	333	12.0
22	36,000 LUMEN		0	0	11.23	0	0.0	0	0.0	0	0	0.0
23		SODIUM VAPOR:										
24	9,500 LUMEN		18,953	769,176	8.04	152,382	9.9	18,764	12.3	524	152,906	12.3
25	9,500 LUMEN (OPEN)		120	4,870	6.04	725	0.0	89	12.3	3	728	12.2
26	9,500 LUMEN (4)		48	1,948	12.48	599	0.0	73	12.2	1	600	12.2
27	9,500 LUMEN (5)		674	27,353	12.54	8,452	0.6	1,038	12.3	19	8,471	12.3
28	9,500 LUMEN (6)		612	24,837	13.43	8,219	0.5	1,010	12.3	17	8,236	12.3
29	16,000 LUMEN		372	22,041	8.77	3,262	0.2	402	12.3	15	3,277	12.3
30	16,000 LUMEN (5)		12	711	13.27	159	0.0	20	12.6	0	159	12.6
31	16,000 LUMEN (6)		108	6,399	14.16	1,529	0.1	188	12.3	4	1,533	12.3
32	22,000 LUMEN		5,346	422,334	11.37	60,784	4.0	7,431	12.2	288	61,072	12.2
33	22,000 LUMEN (4)		0	0	15.81	0	0.0	0	0.0	0	0	0.0
34	22,000 LUMEN (5)		204	16,116	15.87	3,237	0.2	396	12.2	11	3,248	12.2
35	22,000 LUMEN (6)		72	5,688	16.76	1,207	0.1	147	12.2	4	1,211	12.1
36	22,000 LUMEN (8)		12	948	18.46	222	0.0	27	12.2	1	223	12.1
37	27,500 LUMEN		96	7,584	11.37	1,092	0.1	133	12.2	5	1,097	12.1
38	27,500 LUMEN (6)		12	948	16.76	201	0.0	25	12.4	1	202	12.4
39	50,000 LUMEN		9,645	1,574,546	15.28	147,376	9.6	18,036	12.2	1,072	148,448	12.1
40	50,000 LUMEN (5)		264	43,098	19.78	5,222	0.3	639	12.2	29	5,251	12.2
41	50,000 LUMEN (6)		633	103,337	20.67	13,084	0.9	1,602	12.2	70	13,154	12.2

(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 \$0.000681 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. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 14 OF 22
WITNESS RESPONSIBLE:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES (KWH)	MOST CURRENT RATES(1A) (\$/UNIT)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO TOTAL LESS FAC REVENUE (L)	REVENUE INCR LESS FAC REV (F - K) (M)	% INCR IN REV LESS FAC REV (M / K) (N)	FAC REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (I)	TOTAL REVENUE % INCREASE (M / K1) (J)	
42	SL	STREET LIGHTING – CO OWNED & MAINTAINED (CONTD.)											
43		OVERHEAD DISTRIBUTION (CONTD.):											
44		DECORATIVE SODIUM VAPOR:											
45	9,500	LUMEN RECTILINEAR	0	0	10.00	0	0.0	0	0.0	0	0	0.0	
46	22,000	LUMEN RECTILINEAR	12	1,023	12.36	148	0.0	19	12.8	1	149	12.8	
47	50,000	LUMEN RECTILINEAR	132	21,549	16.35	2,158	0.1	266	12.3	15	2,173	12.2	
48	50,000	LUMEN RECTILINEAR (5)	180	29,385	20.85	3,753	0.2	461	12.3	20	3,773	12.2	
49	50,000	LUMEN RECTILINEAR (6)	0	0	21.74	0	0.0	0	0.0	0	0	0.0	
50	50,000	LUMEN SETBACK	216	35,262	24.31	5,251	0.3	644	12.3	24	5,275	12.2	
51	50,000	LUMEN SETBACK (6)	36	5,877	29.70	1,069	0.1	131	12.3	4	1,073	12.2	
52		TOTAL OVERHEAD	117,325	9,303,616		1,045,129	68.1	128,111	12.3	6,336	1,051,466	12.2	
53		UNDERGROUND DISTRIBUTION:											
54		MERCURY VAPOR:											
55	7,000	LUMEN	60	4,370	7.40	444	0.0	55	12.4	3	447	12.3	
56	7,000	LUMEN (OPEN)	0	0	6.07	0	0.0	0	0.0	0	0	0.0	
57	7,000	LUMEN (4)	566	41,224	11.84	6,701	0.4	821	12.3	28	6,729	12.2	
58	7,000	LUMEN (5)	4	291	11.90	48	0.0	5	10.4	0	48	10.4	
59	7,000	LUMEN (8)	348	25,346	14.49	5,043	0.3	619	12.3	17	5,060	12.2	
60	10,000	LUMEN	0	0	8.54	0	0.0	0	0.0	0	0	0.0	
61	10,000	LUMEN (4)	84	8,505	12.98	1,090	0.1	134	12.3	6	1,096	12.2	
62	10,000	LUMEN (8)	156	15,795	15.63	2,438	0.2	300	12.3	11	2,449	12.2	
63	21,000	LUMEN	96	15,312	11.50	1,104	0.1	135	12.2	10	1,114	12.1	
64	21,000	LUMEN (8)	132	21,054	18.59	2,454	0.2	301	12.3	14	2,468	12.2	
65		METAL HALIDE:											
66	14,000	LUMEN	0	0	7.40	0	0.0	0	0.0	0	0	0.0	
67	20,500	LUMEN	0	0	8.54	0	0.0	0	0.0	0	0	0.0	
68	36,000	LUMEN	0	0	11.50	0	0.0	0	0.0	0	0	0.0	
69		SODIUM VAPOR:											
70	9,500	LUMEN	0	0	8.04	0	0.0	0	0.0	0	0	0.0	
71	9,500	LUMEN (6)	24	974	13.43	322	0.0	40	12.4	1	323	12.4	
72	9,500	LUMEN (8)	588	23,863	15.13	8,896	0.6	1,094	12.3	16	8,912	12.3	
73	9,500	LUMEN (10)	24	974	12.54	301	0.0	37	12.3	1	302	12.3	
74	9,500	LUMEN (13)	12	487	16.83	202	0.0	25	12.4	0	202	12.4	
75	9,500	LUMEN (OPEN)	0	0	6.12	0	0.0	0	0.0	0	0	0.0	
76	16,000	LUMEN	0	0	8.74	0	0.0	0	0.0	0	0	0.0	
77	16,000	LUMEN (6)	24	1,422	14.13	339	0.0	42	12.4	1	340	12.4	
78	22,000	LUMEN	228	18,012	11.37	2,592	0.2	317	12.2	12	2,604	12.2	
79	22,000	LUMEN (5)	60	4,740	15.87	952	0.1	117	12.3	3	955	12.3	
80	22,000	LUMEN (8)	530	41,870	18.46	9,784	0.6	1,198	12.2	29	9,813	12.2	
81	22,000	LUMEN (8A)	48	3,792	18.53	889	0.1	109	12.3	3	892	12.2	
82	27,500	LUMEN	0	0	11.37	0	0.0	0	0.0	0	0	0.0	
83	27,500	LUMEN (9)	252	19,908	25.53	6,434	0.4	788	12.2	14	6,448	12.2	
84	50,000	LUMEN	342	55,832	15.28	5,226	0.3	639	12.2	38	5,264	12.1	
85	50,000	LUMEN (8)	72	11,754	22.37	1,611	0.1	197	12.2	8	1,619	12.2	
86	50,000	LUMEN (9)	132	21,549	29.44	3,886	0.3	477	12.3	15	3,901	12.2	
87		DECORATIVE MERCURY VAPOR:											
88	7,000	LUMEN TOWN & COUNTRY	0	0	7.65	0	0.0	0	0.0	0	0	0.0	
89	7,000	LUMEN TOWN & COUNTRY (3)	216	15,354	12.15	2,624	0.2	322	12.3	10	2,634	12.2	
90	7,000	LUMEN TOWN & COUNTRY (10)	5,870	417,259	12.15	71,321	4.6	8,746	12.3	284	71,605	12.2	
91	7,000	LUMEN HOLOPHANE	24	1,748	9.61	231	0.0	28	12.1	1	232	12.1	
92	7,000	LUMEN HOLOPHANE (10)	1,908	138,966	14.11	26,922	1.8	3,301	12.3	95	27,017	12.2	
93	7,000	LUMEN GAS REPLICA (7)	96	6,992	34.19	3,282	0.2	402	12.2	5	3,287	12.2	
94	7,000	LUMEN GRANVILLE	0	0	7.73	0	0.0	0	0.0	0	0	0.0	
95	7,000	LUMEN GRANVILLE (7)	0	0	19.96	0	0.0	0	0.0	0	0	0.0	
96	7,000	LUMEN ASPEN	24	1,748	13.91	334	0.0	41	12.3	1	335	12.2	

(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 \$0.000681 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.

CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 22
WITNESS RESPONSIBLE:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES (D)	MOST CURRENT RATES(1A) (J)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO FAC REVENUE (L)	REVENUE INCR LESS FAC REV (F - K) (M)	% INCR IN REV LESS FAC REV (N / K)	FAC REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (S)	TOTAL REVENUE % INCREASE (M / K1) (O)
	(A)	(B)	(C)	(D)	(\$/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	7.64	0	0.0	0	0.0	0	0	0.0
101		14,000 LUMEN TRADITIONAIRE (7)	60	4,265	19.87	1,192	0.1	147	12.3	3	1,195	12.3
102		14,000 LUMEN TRADITIONAIRE (10)	468	33,267	12.14	5,682	0.4	697	12.3	23	5,705	12.2
103		14,000 LUMEN GRANVILLE	0	0	13.91	0	0.0	0	0.0	0	0	0.0
104		14,000 LUMEN GRANVILLE (11)	0	0	27.06	0	0.0	0	0.0	0	0	0.0
105		14,000 LUMEN GAS REPLICA	0	0	22.04	0	0.0	0	0.0	0	0	0.0
106		14,500 LUMEN GAS REPLICA	0	0	22.04	0	0.0	0	0.0	0	0	0.0
107		14,500 LUMEN GAS REPLICA (7)	288	20,976	34.27	9,870	0.6	1,209	12.2	14	9,884	12.2
108		14,500 LUMEN GAS REPLICA (10)	60	4,370	26.54	1,592	0.1	195	12.2	3	1,595	12.2
109		DECORATIVE SODIUM VAPOR:										
110		9,500 LUMEN TOWN & COUNTRY	96	3,896	11.17	1,072	0.1	132	12.3	3	1,075	12.3
111		9,500 LUMEN TOWN & COUNTRY (10)	1,905	77,311	15.67	29,851	1.9	3,658	12.3	53	29,904	12.2
112		9,500 LUMEN HOLOPHANE	576	25,536	12.10	6,970	0.5	852	12.2	17	6,987	12.2
113		9,500 LUMEN HOLOPHANE (10)	312	13,832	16.60	5,179	0.3	634	12.2	9	5,188	12.2
114		9,500 LUMEN GAS REPLICA (7)	132	5,852	34.98	4,617	0.3	567	12.3	4	4,621	12.3
115		9,500 LUMEN GAS REPLICA (10)	12	532	27.25	327	0.0	40	12.2	0	327	12.2
116		9,500 LUMEN GAS REPLICA (11)	312	13,832	35.90	11,201	0.7	1,373	12.3	9	11,210	12.2
117		9,500 LUMEN ASPEN	888	39,368	14.09	12,512	0.8	1,536	12.3	27	12,539	12.2
118		9,500 LUMEN TRADITIONAIRE	0	0	11.17	0	0.0	0	0.0	0	0	0.0
119		9,500 LUMEN TRADITIONAIRE (10)	696	28,246	15.67	10,906	0.7	1,337	12.3	19	10,925	12.2
120		9,500 LUMEN GRANVILLE	0	0	14.09	0	0.0	0	0.0	0	0	0.0
121		9,500 LUMEN GRANVILLE (7)	0	0	26.32	0	0.0	0	0.0	0	0	0.0
122		9,500 LUMEN GRANVILLE (10)	0	0	18.59	0	0.0	0	0.0	0	0	0.0
123		9,500 LUMEN GRANVILLE (11)	0	0	27.24	0	0.0	0	0.0	0	0	0.0
124		22,000 LUMEN RECTILINEAR	0	0	12.42	0	0.0	0	0.0	0	0	0.0
125		22,000 LUMEN RECTILINEAR (12)	176	15,004	20.98	3,692	0.2	453	12.3	10	3,702	12.2
126		50,000 LUMEN RECTILINEAR	0	0	16.41	0	0.0	0	0.0	0	0	0.0
127		50,000 LUMEN RECTILINEAR (12)	36	5,877	24.97	899	0.1	110	12.2	4	903	12.2
128		50,000 LUMEN RECTILINEAR (13)	204	33,303	25.20	5,141	0.3	630	12.3	23	5,164	12.2
129		50,000 LUMEN SETBACK	0	0	24.31	0	0.0	0	0.0	0	0	0.0
130		TOTAL UNDERGROUND	18,141	1,244,608		276,173	18.0	33,860	12.3	848	277,020	12.2
131		RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH):										
132		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	195,592	12.8	0	0.0		195,592	0.0
133		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(1,719)	(0.1)	0	0.0		(1,719)	0.0
134		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				193,873	12.6	0	0.0		193,873	0.0
135		ADD'L FACILITIES CHARGE:										
136		OVERHEAD	5,025		0.53	2,663	0.2	352	13.2		2,663	13.2
137		UNDERGROUND	20,863		0.77	16,080	1.0	1,879	11.7		16,080	11.7
138		TOTAL ADD'L FACILITIES CHG	25,908			18,743	1.2	2,231	11.9	0	18,743	11.9
139		TOTAL RATE SLI INCLUDING RIDERS	135,466	10,548,224		1,533,918	100.0	164,202	10.7	7,183	1,541,102	10.7

(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 \$0.000681 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. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FAC REVENUE (K)	% OF REV TO TOTAL LESS FAC REVENUE (L)	REVENUE INCR LESS FAC REV (F - K) (M)	% INCR IN REV LESS FAC REV (M / K) (N)	FAC 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 SUPPLIES ENERGY ONLY (3):										
4												
5		ALL CONSUMPTION	77,028	687,336	0.038903	26,739	33.7	3,280	12.3	468	27,207	12.1
6	(B)	WHERE COMPANY SUPPLIES ENERGY FROM A SEPARATELY METERED SOURCE AND PROVIDES LIMITED MAINTENANCE:										
7												
8												
9												
10												
11		ALL CONSUMPTION	0	0	0.021543	0	0.0	0	0.0	0	0	0.0
12	(B)	WHERE COMPANY SUPPLIES ENERGY AND PROVIDES LIMITED MAINTENANCE (3):										
13												
14												
15												
16		ALL CONSUMPTION	18,876	758,460	0.060446	45,846	57.6	5,623	12.3	517	46,363	12.1
17		TOTAL RATE TL EXCLUDING RIDERS	95,904	1,445,796		72,585	91.4	8,903	12.3	985	73,570	12.1
18		RIDERS NOT INCLUDED IN RATES ABOVE:										
19		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	7,102	8.9	0	0.0		7,102	0.0
20		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(236)	(0.3)	0	0.0		(236)	0.0
21		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				6,866	8.6	0	0.0		6,866	0.0
22		TOTAL RATE TL INCLUDING RIDERS	95,904	1,445,796		79,451	100.0	8,903	11.2	985	80,436	11.1

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(3)	CURRENT REVENUE LESS FAC REVENUE	% OF REV TO TOTAL LESS FAC REVENUE	REVENUE INCR LESS FAC REV	% INCR IN REV LESS FAC REV	FAC 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)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1		UOLS UNMETERED OUTDOOR LIGHTING SERV										
2		BASE RATE	89,808	4,739,968	0.038305	181,564	93.7	22,269	12.3	3,228	184,792	12.1
3		RIDERS NOT INCLUDED IN RATES ABOVE:										
4		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	13,040	6.7	0	0.0		13,040	0.0
5		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(773)	(0.4)	0	0.0		(773)	0.0
6		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				12,267	6.3	0	0.0		12,267	0.0
7		TOTAL RATE UOLS INCLUDING RIDERS	89,808	4,739,968		193,831	100.0	22,269	11.5	3,228	197,059	11.3

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 18 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(3)	CURRENT REVENUE LESS FAC REVENUE	% OF REV TO TOTAL LESS FAC REVENUE	REVENUE INCR LESS FAC REV (F - K)	% INCR IN REV LESS FAC REV (M / K)	FAC 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	9.42	0	0.0	0	0.0	0	0	0.0
5		2,500 LUMEN MULTIPLE	144	9,432	7.32	1,054	1.3	130	0.0	6	1,060	0.0
6		(2) HOLOPHANE DECORATIVE:										
7		10,000 LUMEN MV W										
8		17' FIBERGLASS POLE	372	37,665	17.16	6,384	8.0	781	12.2	26	6,410	12.2
9		(3) STREET LGT UNITS (OH)										
10		2,500 LUMEN INCANDESCENT	840	55,020	7.26	6,098	7.7	748	12.3	37	6,135	12.2
11		2,500 LUMEN MERCURY VAPOR	7,372	278,293	6.87	50,646	63.5	6,192	12.2	188	50,834	12.2
12		21,000 LUMEN MERCURY VAPOR	408	65,076	10.89	4,443	5.6	547	12.3	44	4,487	12.2
13		TOTAL COMPANY OWNED	9,136	445,486		68,625	86.1	8,398	12.2	303	68,928	12.2
14		(B) CUSTOMER OWNED WITH LTD MAINT										
15		(1) BOULEVARD INCANDESCENT(UG):										
16		2,500 LUMEN SERIES	0	0	5.56	0	0.0	0	0.0	0	0	0.0
17		2,500 LUMEN MULTIPLE	60	3,930	7.07	424	0.5	52	0.0	3	427	0.0
18		TOTAL CUSTOMER OWNED	60	3,930		424	0.5	52	12.3	3	427	12.2
19		TOTAL RATE NSU EXCLUDING RIDERS	9,196	449,416		69,049	86.7	8,450	12.2	306	69,355	12.2
20		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):										
21		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	10,649	13.4	0	0.0		10,649	0.0
22		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(73)	(0.1)	0	0.0		(73)	0.0
23		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				10,576	13.3	0	0.0		10,576	0.0
24		TOTAL RATE NSU INCLUDING RIDERS	9,196	449,416		79,625	100.0	8,450	10.6	306	79,931	10.6

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 19 OF 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KWH)	MOST CURRENT RATES(3) (J) (\$/UNIT) (\$/KWH)	CURRENT REVENUE LESS FAC REVENUE (K) (\$)	% OF REV TO TOTAL LESS FAC REVENUE (L) (%)	REVENUE INCR LESS FAC REV (F - K) (M) (\$)	% INCR IN REV LESS FAC REV (N / K) (%)	FAC REVENUE (2) (H) (\$)	CURRENT TOTAL REVENUE (K + H) (\$)	TOTAL REVENUE % INCREASE (M / K1) (%)
1	SC	STREET LIGHTING -										
2		CUST OWNED/LTD MAINT										
3		STANDARD UNIT-COBRAHEAD										
4		MERCURY VAPOR -										
5		7,000 LUMEN	0	0	4.28	0	0.0	0	0.0	0	0	0.0
6		10,000 LUMEN	0	0	5.45	0	0.0	0	0.0	0	0	0.0
7		21,000 LUMEN	0	0	7.56	0	0.0	0	0.0	0	0	0.0
8		METAL HALIDE -										
9		14,000 LUMEN	0	0	4.28	0	0.0	0	0.0	0	0	0.0
10		20,500 LUMEN	0	0	5.45	0	0.0	0	0.0	0	0	0.0
11		36,000 LUMEN	0	0	7.56	0	0.0	0	0.0	0	0	0.0
12		SODIUM VAPOR--										
13		9,500 LUMEN	0	0	5.15	0	0.0	0	0.0	0	0	0.0
14		16,000 LUMEN	0	0	5.74	0	0.0	0	0.0	0	0	0.0
15		22,000 LUMEN	0	0	6.31	0	0.0	0	0.0	0	0	0.0
16		27,500 LUMEN	0	0	6.31	0	0.0	0	0.0	0	0	0.0
17		50,000 LUMEN	0	0	8.54	0	0.0	0	0.0	0	0	0.0
18		DECORATIVE UNITS:										
19		7,000 LUMEN MERCURY VAPOR--										
20		HOLOPHANE	0	0	5.44	0	0.0	0	0.0	0	0	0.0
21		TOWN & COUNTRY	0	0	5.39	0	0.0	0	0.0	0	0	0.0
22		GAS REPLICA	0	0	5.44	0	0.0	0	0.0	0	0	0.0
23		ASPEN	0	0	5.44	0	0.0	0	0.0	0	0	0.0
24		14,000 LUMEN METAL HALIDE--										
25		TRADITIONAIRE	0	0	5.39	0	0.0	0	0.0	0	0	0.0
26		GRANVILLE ACORN	0	0	5.44	0	0.0	0	0.0	0	0	0.0
27		GAS REPLICA	0	0	5.44	0	0.0	0	0.0	0	0	0.0
28		9,500 LUMEN SODIUM VAPOR--										
29		TOWN & COUNTRY	0	0	5.07	0	0.0	0	0.0	0	0	0.0
30		TRADITIONAIRE	0	0	5.07	0	0.0	0	0.0	0	0	0.0
31		GRANVILLE ACORN	0	0	5.29	0	0.0	0	0.0	0	0	0.0
32		RECTILINEAR	0	0	5.07	0	0.0	0	0.0	0	0	0.0
33		ASPEN	0	0	5.29	0	0.0	0	0.0	0	0	0.0
34		HOLOPHANE	0	0	5.29	0	0.0	0	0.0	0	0	0.0
35		GAS REPLICA	0	0	5.29	0	0.0	0	0.0	0	0	0.0
36		SODIUM VAPOR -										
37		22,000 LUMEN (RECTILINEAR)	0	0	6.68	0	0.0	0	0.0	0	0	0.0
38		50,000 LUMEN (RECTILINEAR)	0	0	8.84	0	0.0	0	0.0	0	0	0.0
39		CUST OWNED/CUST MAINT										
40		ENERGY ONLY	2,065	97,596	0.038305	3,738	93.7	459	12.3	66	3,804	12.1
41		TOTAL RATE SC EXCLUDING RIDERS	2,065	97,596		3,738	93.7	459	12.3	66	3,804	12.1
42		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):										
43		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	268	6.7	0	0.0		268	0.0
44		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(16)	(0.4)	0	0.0		(16)	0.0
45		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				252	6.3	0	0.0		252	0.0
46		TOTAL RATE SC INCLUDING RIDERS	2,065	97,596		3,990	100.0	459	11.5	66	4,056	11.3

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 22
WITNESS:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT RATES(3)	CURRENT REVENUE LESS FAC REVENUE	% OF REV TO TOTAL LESS FAC REVENUE	REVENUE INCR LESS FAC REV (F - K)	% INCR IN REV LESS FAC REV (M / K)	FAC 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	6,900	490,475	7.45	51,405	22.8	6,279	12.2	333	51,738	12.1
5		HOLOPHANE	2,328	169,556	7.48	17,413	7.7	2,142	12.3	115	17,528	12.2
6		GAS REPLICA	698	50,838	7.48	5,221	2.3	642	12.3	35	5,256	12.2
7		ASPEN	132	9,614	7.48	987	0.4	122	12.4	7	994	12.3
8		METAL HALIDE 14,000 LUMEN:										
9		TRADITIONAIRE	3,204	227,751	7.45	23,870	10.6	2,915	12.2	155	24,025	12.1
10		GRANVILLE ACORN	0	0	7.48	0	0.0	0	0.0	0	0	0.0
11		GAS REPLICA	560	40,787	7.48	4,189	1.9	515	12.3	28	4,217	12.2
12		SODIUM VAPOR 9,500 LUMEN:										
13		TOWN & COUNTRY	3,211	130,313	8.12	26,073	11.5	3,211	12.3	89	26,162	12.3
15		HOLOPHANE	2,480	109,947	8.23	20,410	9.0	2,505	12.3	75	20,485	12.2
16		RECTILINEAR	974	39,528	8.12	7,909	3.5	974	12.3	27	7,936	12.3
17		GAS REPLICA	1,272	56,392	8.22	10,456	4.6	1,285	12.3	38	10,494	12.2
19		ASPEN	2,616	115,976	8.22	21,504	9.5	2,642	12.3	79	21,583	12.2
14		TRADITIONAIRE	0	0	8.12	0	0.0	0	0.0	0	0	0.0
18		GRANVILLE ACORN	156	6,916	8.22	1,282	0.6	158	12.3	5	1,287	12.3
20		SODIUM VAPOR:										
21		22,000 LUMEN (RECTILINEAR)	481	41,005	11.67	5,613	2.5	688	12.3	28	5,641	12.2
22		50,000 LUMEN (RECTILINEAR)	24	3,918	15.44	371	0.2	45	12.1	3	374	12.0
23		50,000 LUMEN (SETBACK)	0	0	15.44	0	0.0	0	0.0	0	0	0.0
24		TOTAL RATE SE EXCLUDING RIDERS	25,036	1,493,016		196,703	87.1	24,123	12.3	1,017	197,720	12.2
25		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):										
26		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)			18.16%	29,443	13.0	0	0.0		29,443	0.0
29		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(243)	(0.1)	0	0.0		(243)	0.0
30		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				29,200	12.9	0	0.0		29,200	0.0
31		TOTAL RATE SE INCLUDING RIDERS	25,036	1,493,016		225,903	100.0	24,123	10.7	1,017	226,920	10.6

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 21 OF 22
WITNESS RESPONSIBLE:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	MOST CURRENT FIXTURE RATES	MAINTNCE RATES	CURRENT REVENUE LESS FAC REVENUE	% OF REV TO TOTAL LESS FAC REVENUE	REVENUE INCR LESS FAC REV	% INCR IN REV LESS FAC REV	FAC REVENUE (2)	CURRENT TOTAL REVENUE	TOTAL REVENUE % INCREASE
	(A)	(B)	(C)	(D)	(J1)	(J2)	(K)	(L)	(M)	(N)	(H)	(K+H)	(M / K1)
				(KWH)	(\$/UNIT)		(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	SL	STREET LIGHTING -- CO OWNED & MAINTAINED											
2		FIXTURES											
3	50W	Standard LED-BLACK	0	0	4.93	4.24	0	0.0	0	0.0		0	0.0
4	70W	Standard LED-BLACK	0	0	4.92	4.24	0	0.0	0	0.0		0	0.0
5	110W	Standard LED-BLACK	0	0	5.58	4.24	0	0.0	0	0.0		0	0.0
6	150W	Standard LED-BLACK	0	0	7.39	4.24	0	0.0	0	0.0		0	0.0
7	220W	Standard LED-BLACK	0	0	8.38	5.17	0	0.0	0	0.0		0	0.0
8	280W	Standard LED-BLACK	0	0	10.31	5.17	0	0.0	0	0.0		0	0.0
9	50W	Deluxe Acorn LED-BLACK	0	0	14.38	4.24	0	0.0	0	0.0		0	0.0
10	50W	Acorn LED-BLACK	0	0	12.96	4.24	0	0.0	0	0.0		0	0.0
11	50W	Mini Bell LED-BLACK	0	0	12.22	4.24	0	0.0	0	0.0		0	0.0
12	70W	Bell LED-BLACK	0	0	15.56	4.24	0	0.0	0	0.0		0	0.0
13	50W	Traditional LED-BLACK	0	0	9.39	4.24	0	0.0	0	0.0		0	0.0
14	50W	Open Traditional LED-BLACK	0	0	9.39	4.24	0	0.0	0	0.0		0	0.0
15	50W	Enterprise LED-BLACK	0	0	12.62	4.24	0	0.0	0	0.0		0	0.0
16	70W	LED Open Deluxe Acorn	0	0	14.02	4.24	0	0.0	0	0.0		0	0.0
17	150W	LED Teardrop	0	0	18.83	4.24	0	0.0	0	0.0		0	0.0
18	50W	LED Teardrop Pedestrian	0	0	15.28	4.24	0	0.0	0	0.0		0	0.0
19	220W	LED Shoebox	0	0	13.04	5.17	0	0.0	0	0.0		0	0.0
20	LED 50W	4521 LUMENS STANDARD LED BLACK TYPE III 4000K	0	0	4.93	4.24	0	0.0	0	0.0		0	0.0
21	LED 70W	6261 LUMENS STANDARD LED BLACK TYPE III 4000K	0	0	4.92	4.24	0	0.0	0	0.0		0	0.0
22	LED 110W	9336 LUMENS STANDARD LED BLACK TYPE III 4000K	0	0	5.58	4.24	0	0.0	0	0.0		0	0.0
23	LED 150W	12642 LUMENS STANDARD LED BLACK TYPE III 4000K	0	0	7.39	4.24	0	0.0	0	0.0		0	0.0
24	LED 150W	13156 LUMENS STANDARD LED TYPE IV BLACK 4000K	0	0	7.39	4.24	0	0.0	0	0.0		0	0.0
25	LED 220W	18642 LUMENS STANDARD LED BLACK TYPE III 4000K	0	0	8.38	5.17	0	0.0	0	0.0		0	0.0
26	LED 280W	24191 LUMENS STANDARD LED BLACK TYPE III 4000K	0	0	10.31	5.17	0	0.0	0	0.0		0	0.0
27	LED 50W	DELUXE ACORN BLACK TYPE III 4000K	0	0	14.38	4.24	0	0.0	0	0.0		0	0.0
28	LED 70W	OPEN DELUXE ACORN BLACK TYPE III 4000K	0	0	14.02	4.24	0	0.0	0	0.0		0	0.0
29	LED 50W	ACORN BLACK TYPE III 4000K	0	0	12.96	4.24	0	0.0	0	0.0		0	0.0
30	LED 50W	MINI BELL LED BLACK TYPE III 4000K MIDWEST	0	0	12.22	4.24	0	0.0	0	0.0		0	0.0
31	LED 70W	5508 LUMENS SANIBELL BLACK TYPE III 4000K	0	0	15.56	4.24	0	0.0	0	0.0		0	0.0
32	LED 50W	TRADITIONAL BLACK TYPE III 4000K	0	0	9.39	4.24	0	0.0	0	0.0		0	0.0
33	LED 50W	OPEN TRADITIONAL BLACK TYPE III 4000K	0	0	9.39	4.24	0	0.0	0	0.0		0	0.0
34	LED 50W	ENTERPRISE BLACK TYPE III 4000K	0	0	12.62	4.24	0	0.0	0	0.0		0	0.0
35	LED 150W	LARGE TEARDROP BLACK TYPE III 4000K	0	0	18.83	4.24	0	0.0	0	0.0		0	0.0
36	LED 50W	TEARDROP PEDESTRIAN BLACK TYPE III 4000K	0	0	15.28	4.24	0	0.0	0	0.0		0	0.0
37	LED 220W	SHOEBOX BLACK TYPE IV 4000K	0	0	13.04	5.17	0	0.0	0	0.0		0	0.0
38	150W	Sanibel	0	0	15.56	4.24	0	0.0	0	0.0		0	0.0
39	420W	LED Shoebox	0	0	19.46	5.17	0	0.0	0	0.0		0	0.0
40	50W	Neighborhood	0	0	4.01	4.24	0	0.0	0	0.0		0	0.0
41	50W	Neighborhood with Lens	0	0	4.18	4.24	0	0.0	0	0.0		0	0.0
42		TOTAL LED FIXTURES	0	0			0	0.0	0	0.0	0	0	0.0
43		ENERGY CHARGE (1A)		0	0.038305		0	0.0	0	0.0		0	0.0

(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 \$0.000881 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 22 OF 22
WITNESS RESPONSIBLE:
J. L. Kern

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KWH)	MOST CURRENT RATES(1A) (J) (\$/UNIT)	CURRENT REVENUE LESS FAC REVENUE (K) (\$)	% OF REV TO TOTAL LESS FAC REVENUE (L) (%)	REVENUE INCR LESS FAC REV (F - K) (M) (\$)	% INCR IN REV LESS FAC REV (N / K) (H) (%)	FAC REVENUE (2) (I) (\$)	CURRENT TOTAL REVENUE (K + H) (K1) (\$)	TOTAL REVENUE % INCREASE (M / K1) (O) (%)
44	LED	STREET LIGHTING -- LED (CONT'D)										
45	POLES											
46		12' C-Post Top- Anchor Base-Black	0		9.30	0	0.0	0	0.0		0	0.0
47		25' C-Davit Bracket- Anchor Base-Black	0		24.46	0	0.0	0	0.0		0	0.0
48		25' C-Boston Harbor Bracket- Anchor Base-Black	0		24.73	0	0.0	0	0.0		0	0.0
49		12' E-AL - Anchor Base-Black	0		9.30	0	0.0	0	0.0		0	0.0
50		35' AL-Side Mounted-Direct Buried Pole	0		15.74	0	0.0	0	0.0		0	0.0
51		30' AL-Side Mounted-Anchor Base	0		12.13	0	0.0	0	0.0		0	0.0
52		35' AL-Side Mounted-Anchor Base	0		11.80	0	0.0	0	0.0		0	0.0
53		40' AL-Side Mounted-Anchor Base	0		14.59	0	0.0	0	0.0		0	0.0
54		30' Class 7 Wood Pole	0		5.77	0	0.0	0	0.0		0	0.0
55		35' Class 5 Wood Pole	0		6.27	0	0.0	0	0.0		0	0.0
56		40' Class 4 Wood Pole	0		9.44	0	0.0	0	0.0		0	0.0
57		45' Class 4 Wood Pole	0		9.79	0	0.0	0	0.0		0	0.0
58		20' Galleria Anchor Based Pole	0		8.32	0	0.0	0	0.0		0	0.0
59		30' Galleria Anchor Based Pole	0		9.84	0	0.0	0	0.0		0	0.0
60		35' Galleria Anchor Based Pole	0		28.29	0	0.0	0	0.0		0	0.0
61		MW-Light Pole-12' MH- Style A-Aluminum-Anchor Base-Top Tenon-Black	0		5.64	0	0.0	0	0.0		0	0.0
62		MW-Light Pole-Post Top-12' MH- Style A-Alum-Direct Buried-Top Tenon-Black	0		4.83	0	0.0	0	0.0		0	0.0
63		Light Pole-15' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	0		5.80	0	0.0	0	0.0		0	0.0
64		Light Pole-15' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	0		5.02	0	0.0	0	0.0		0	0.0
65		Light Pole-20' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	0		6.08	0	0.0	0	0.0		0	0.0
66		Light Pole-20' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	0		9.32	0	0.0	0	0.0		0	0.0
67		Light Pole-25' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	0		7.21	0	0.0	0	0.0		0	0.0
68		Light Pole-25' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	0		10.39	0	0.0	0	0.0		0	0.0
69		Light Pole-30' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	0		8.52	0	0.0	0	0.0		0	0.0
70		Light Pole-30' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	0		11.56	0	0.0	0	0.0		0	0.0
71		Light Pole-35' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	0		9.84	0	0.0	0	0.0		0	0.0
72		Light Pole-35' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	0		12.49	0	0.0	0	0.0		0	0.0
73		MW-Light Pole-12' MH- Style B Aluminum Anchor Base-Top Tenon Black Pri	0		6.87	0	0.0	0	0.0		0	0.0
74		MW-Light Pole-12' MH-Style C-Post Top-Alum-Anchor Base-TT-Black Pri	0		9.30	0	0.0	0	0.0		0	0.0
75		MW-LT Poie-16' MH-Style C-Davit Bracket-Alum-Anchor Base-TT-Black	0		12.45	0	0.0	0	0.0		0	0.0
76		MW-Light Pole-25' MH-Style C-Davit Bracket-Alum-Anchor Base-TT-Black Pri	0		24.46	0	0.0	0	0.0		0	0.0
77		MW-LT Poie-16' MH-Style C-Boston Harbor Bracket-AL-AB-TT-Black Pri	0		9.97	0	0.0	0	0.0		0	0.0
78		MW-LT Poie-25' MH-Style C-Boston Harbor Bracket-AL-AB-TT-Black Pri	0		24.73	0	0.0	0	0.0		0	0.0
79		MW-LT Poie 12 Ft MH Style D Alum Breakaway Anchor Base TT Black Pri	0		9.21	0	0.0	0	0.0		0	0.0
80		MW-Light Pole-12' MH-Style E-Alum-Anchor Base-Top Tenon-Black	0		9.30	0	0.0	0	0.0		0	0.0
81		MW-Light Pole-12' MH-Style F-Alum-Anchor Base-Top Tenon-Black Pri	0		9.96	0	0.0	0	0.0		0	0.0
82		MW-15210-Galleria Anchor Base-20FT Bronze Steel-OLE	0		8.32	0	0.0	0	0.0		0	0.0
83		MW-15210-Galleria Anchor Base-30FT Bronze Steel-OLE	0		9.84	0	0.0	0	0.0		0	0.0
84		MW-15210-Galleria Anchor Base-35FT Bronze Steel-OLE	0		28.29	0	0.0	0	0.0		0	0.0
85		MW-15310-35FT MH Aluminum Direct Embedded Pole-OLE	0		15.74	0	0.0	0	0.0		0	0.0
86		MW-15320-30FT Mounting Height Aluminum Anchor Base Pole-OLE	0		12.13	0	0.0	0	0.0		0	0.0
87		MW-15320-35FT Mounting Height Aluminum Anchor Base Pole-OLE	0		11.80	0	0.0	0	0.0		0	0.0
88		MW-15320-40FT Mounting Height Aluminum Anchor Base Pole-OLE	0		14.59	0	0.0	0	0.0		0	0.0
89		MW-POLE-30-7	0		5.77	0	0.0	0	0.0		0	0.0
90		MW-POLE-35-5	0		6.27	0	0.0	0	0.0		0	0.0
91		MW-POLE-40-4	0		9.44	0	0.0	0	0.0		0	0.0
92		MW-POLE-45-4	0		9.79	0	0.0	0	0.0		0	0.0
93		Reveal - Pre-fabricated - Style A Pole	0			0	0.0	0	0.0		0	0.0
96		RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH):										
87		Reveal - Pre-fabricated - Style D Pole			18.16%	0	0.0	0	0.0		0	0.0
96		Reveal - Pre-fabricated - Style E Pole			0.000681		0.0	0	0.0	0	0	0.0
97		Reveal - Pre-fabricated - Style F Pole			(0.000163)	0	0.0	0	0.0	0	0	0.0
98		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				0	0.0	0	0.0	0	0	0.0
99		TOTAL RATE LED INCLUDING RIDERS	0	0		0	0.0	0	0.0	0	0	0.0

(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 \$0.000681 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 1 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC REVENUE (H)	PROPOSED TOTAL REVENUE (F + H) (I)	
				(KWH)	(#/KWH)	(\$)	(%)	(\$)	(\$)	
<u>RESIDENTIAL</u>										
1	RS	RESIDENTIAL SERV	1,567,592	1,474,334,998	11.1937	165,033,139	100.00	1,004,022	166,037,161	
2	<u>TOTAL RESIDENTIAL</u>		1,567,592	1,474,334,998	11.1937	165,033,139	40.58	1,004,022	166,037,161	
<u>DISTRIBUTION</u>										
3	DS	DISTRIBUTION SERV	157,764	1,098,580,606	10.7079	117,634,745	53.31	748,133	118,382,878	
4	DT-PRI	TIME OF DAY	455	479,737,379	8.1006	38,861,752	17.61	326,701	39,188,453	
5	DT-SEC	TIME OF DAY	1,876	691,028,749	8.7987	60,801,598	27.55	470,591	61,272,189	
6	_EH	ELEC SPACE HEATING	481	9,323,104	8.4040	783,514	0.36	6,349	789,863	
7	SP	SPORTS SERV	180	277,600	14.0854	39,101	0.02	189	39,290	
8	GSFL	SMALL FIXED LOADS	540	6,000,613	12.5483	752,973	0.34	4,086	757,059	
9	DP	PRIMARY VOLTAGE	120	19,761,251	9.0578	1,789,935	0.81	13,457	1,803,392	
10	<u>TOTAL DISTRIBUTION</u>		161,416	2,304,709,302	9.5745	220,663,618	54.27	1,569,506	222,233,124	
<u>TRANSMISSION</u>										
11	TT	TIME OF DAY	155	229,203,341	6.9888	16,018,505	100.00	156,087	16,174,592	
12	<u>TOTAL TRANSMISSION</u>		155	229,203,341	6.9888	16,018,505	3.94	156,087	16,174,592	
<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	1,610,719	5.6003	90,205	12.57	0	90,205	
15	DS-RTP	REAL TIME PRICING	36	808,421	7.0441	56,946	7.94	0	56,946	
16	TT-RTP	REAL TIME PRICING	24	14,495,300	3.9346	570,332	79.49	0	570,332	
17	<u>TOTAL REAL TIME PRICING</u>		84	16,914,440	4.2418	717,483	0.18	0	717,483	
<u>LIGHTING</u>										
18	SL	STREET LIGHTING	135,466	10,548,224	16.0986	1,698,120	72.41	7,183	1,705,304	
19	TL	TRAFFIC LIGHTING	95,904	1,445,796	6.1111	88,354	3.77	985	89,339	
20	UOLS	UNMTRD OUTDR LIGHT	89,808	4,739,968	4.5591	216,100	9.21	3,228	219,328	
21	NSU	NON STD STREET LIGHT	9,196	449,416	19.5977	88,075	3.76	306	88,381	
22	SC	CUST OWNED STREET LIGHTING	2,065	97,596	4.5586	4,449	0.19	66	4,515	
23	SE	OVR HD EQUIV STREET LIGHTING	25,036	1,493,016	16.7464	250,026	10.66	1,017	251,044	
24	LED	LED OUTDOOR LIGHT	0	0	-	0	0.00	0	0	
25	<u>TOTAL LIGHTING</u>		357,475	18,774,016	12.4913	2,345,124	0.58	12,765	2,357,911	
<u>OTHER MISC REVENUE</u>										
26	ID01	INTERDEPARTMENTAL	12	715,341	9.1900	65,718	3.46	487	66,205	
27		PJM AND TRANSMISSION	0	0	-	169,500	8.92	0	169,500	
28		BAD CHECK CHARGES	0	0	-	40,932	2.15	0	40,932	
29		RECONNECTION CHGS	0	0	-	61,738	3.25	0	61,738	
30		POLE AND LINE ATTACHMENTS	0	0	-	319,833	16.83	0	319,833	
31		RENTS	0	0	-	1,058,004	55.67	0	1,058,004	
32	WS	SPECIAL CONTRACTS	132	352,079	5.3200	18,721	0.99	240	18,961	
33		OTHER MISC	0	0	-	165,980	8.73	0	165,980	
34	<u>TOTAL MISC REVENUE</u>		144	1,067,420	-	1,900,426	0.47	727	1,901,153	
35	<u>TOTAL</u>		2,086,866	4,045,003,517	10.0500	406,678,295	100.00	2,743,127	409,421,424	

NOTE: DETAIL CONTAINED ON SCHEDULES M-2.3 PAGES 2 THROUGH 23.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 2 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	RS	RESIDENTIAL							
2	CUSTOMER CHARGE:								
3	BILLS		1,567,592		\$14.00	21,946,288	13.3		21,946,288
4	ENERGY CHARGE (3):								
5	ALL KWH			1,474,334,998	0.084272	124,245,159	75.3		124,245,159
6	TOTAL RATE RS EXCLUDING RIDERS		1,567,592	1,474,334,998		146,191,447	88.6		146,191,447
7	RIDERS:								
8	HOME ENERGY ASSISTANCE (HEA)				\$0.10	156,759	0.1		156,759
9	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.003035	4,474,607	2.7		4,474,607
10	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)					14,450,643	8.8		14,450,643
11	FUEL ADJUSTMENT CLAUSE (FAC)				0.000681		0.0	1,004,022	1,004,022
12	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(240,317)	(0.1)		(240,317)
13	TOTAL RIDERS					18,841,692	11.4	1,004,022	19,845,714
14	TOTAL RATE RS INCLUDING RIDERS		1,567,592	1,474,334,998		165,033,139	100.0	1,004,022	166,037,161

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 3 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC 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	1,850		\$5.00	9,250	0.0		9,250
5		SINGLE PHASE	85,095		\$15.00	1,276,425	1.1		1,276,425
6		THREE PHASE	72,669		\$30.00	2,180,070	1.9		2,180,070
7		TOTAL CUSTOMER CHARGE	157,764			3,465,745	2.9		3,465,745
8		DEMAND CHARGE:							
9		FIRST 15 KW		1,422,691	\$0.00	0	0.0		0
10		ADDITIONAL KW		2,434,415	\$9.38	22,834,813	19.4		22,834,813
11		TOTAL DEMAND		3,857,106		22,834,813	19.4		22,834,813
12		ENERGY CHARGE (3):							
13		FIRST 6000 KWH		387,763,899	0.091238	35,378,803	30.1		35,378,803
14		NEXT 300KWH/KW		600,468,397	0.056008	33,631,034	28.6		33,631,034
15		ADDITIONAL KWH		108,623,566	0.045866	4,982,128	4.2		4,982,128
16		NON-CHURCH "CAP" RATE		1,454,608	0.269521	392,047	0.3		392,047
17		CHURCH CAP RATE		270,136	0.165461	44,697	0.0		44,697
18		TOTAL ENERGY		1,098,580,606		74,428,709	63.3		74,428,709
19		TOTAL RATE DS EXCLUDING RIDERS	157,764	1,098,580,606		100,729,267	85.6		100,729,267
20		RIDERS:							
21		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	5,592,874	4.8		5,592,874
22		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				11,491,673	9.8		11,491,673
23		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			748,133	748,133
24		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(179,069)	(0.2)		(179,069)
25		TOTAL RIDERS				16,905,478	14.4	748,133	17,653,611
26		TOTAL RATE DS INCLUDING RIDERS	157,764	1,098,580,606		117,634,745	100.0	748,133	118,382,878

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 4 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC 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	152		\$138.00	20,976	0.1		20,976
5		TOTAL CUSTOMER CHARGE	152			20,976	0.1		20,976
6		DEMAND CHARGE:							
7		ON PEAK KW		316,210	\$15.45	4,885,445	12.6		4,885,445
8		OFF PEAK KW		17,953	\$1.39	24,955	0.1		24,955
9		SUB-TOTAL		334,163		4,910,400	12.6		4,910,400
10		PRIMARY SERV. DIS.							
11		FIRST 1000 KW		125,344	(\$0.78)	(97,768)	(0.3)		(97,768)
12		ADDITIONAL KW		208,819	(\$0.61)	(127,380)	(0.3)		(127,380)
13		TOTAL DEMAND		334,163		4,685,252	12.1		4,685,252
14		ENERGY CHARGE (3):							
15		ON PEAK KWH		47,406,405	0.048712	2,309,261	5.9		2,309,261
16		OFF PEAK KWH		121,762,096	0.039890	4,857,090	12.5		4,857,090
17		TOTAL SUMMER	152	169,168,501		11,872,579	30.6		11,872,579
18		WINTER:							
19		CUSTOMER CHARGE:							
20		PRIMARY VOLTAGE	303		\$138.00	41,814	0.1		41,814
21		TOTAL CUSTOMER CHARGE	303			41,814	0.1		41,814
22		DEMAND CHARGE:							
23		ON PEAK KW		595,945	\$14.62	8,712,716	22.4		8,712,716
24		OFF PEAK KW		38,057	\$1.39	52,899	0.1		52,899
25		SUB-TOTAL		634,002		8,765,615	22.7		8,765,615
26		PRIMARY SERV. DIS.							
27		FIRST 1000 KW		276,544	(\$0.78)	(215,704)	(0.6)		(215,704)
28		ADDITIONAL KW		357,459	(\$0.61)	(218,050)	(0.6)		(218,050)
29		TOTAL DEMAND		634,003		8,331,861	21.4		8,331,861
30		ENERGY CHARGE (3):							
31		ON PEAK KWH		84,879,504	0.046499	3,946,812	10.2		3,946,812
32		OFF PEAK KWH		225,689,374	0.039890	9,002,749	23.1		9,002,749
33		TOTAL WINTER	303	310,568,878		21,323,236	54.9		21,323,236
34		TOTAL RATE DT PRIMARY EXCLUDING RIDERS	455	479,737,379		33,195,815	85.4		33,195,815
35		RIDERS:							
36		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	2,442,343	6.3		2,442,343
37		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				3,301,791	8.5		3,301,791
38		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			326,701	326,701
39		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(78,197)	(0.2)		(78,197)
40		TOTAL RIDERS				5,665,937	14.6	326,701	5,992,638
41		TOTAL RATE DT PRIMARY INCLUDING RIDERS	455	479,737,379		38,861,752	100.0	326,701	39,188,453

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 5 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC 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		\$65.00	0	0.0		0
5		THREE PHASE	634		\$130.00	82,420	0.1		82,420
6		TOTAL CUSTOMER CHARGE	634			82,420	0.1		82,420
7	DEMAND CHARGE:								
8		ON PEAK KW		525,253	\$15.45	8,115,159	13.3		8,115,159
9		OFF PEAK KW		13,915	\$1.39	19,342	0.0		19,342
10		TOTAL DEMAND		539,168		8,134,501	13.4		8,134,501
11	ENERGY CHARGE (3):								
12		ON PEAK KWH		72,442,514	0.048712	3,528,820	5.8		3,528,820
13		OFF PEAK KWH		172,060,887	0.039890	6,863,509	11.3		6,863,509
14		TOTAL SUMMER	634	244,503,401		18,609,250	30.6		18,609,250
15	WINTER:								
16	CUSTOMER CHARGE:								
17		SINGLE PHASE	0		\$65.00	0	0.0		0
18		THREE PHASE	1,242		\$130.00	161,460	0.3		161,460
19		TOTAL CUSTOMER CHARGE	1,242			161,460	0.3		161,460
20	DEMAND CHARGE:								
21		ON PEAK KW		992,074	\$14.62	14,504,122	23.8		14,504,122
22		OFF PEAK KW		20,242	\$1.39	28,136	0.0		28,136
23		TOTAL DEMAND		1,012,316		14,532,258	23.9		14,532,258
24	ENERGY CHARGE (3):								
25		ON PEAK KWH		128,813,740	0.046499	5,989,710	9.9		5,989,710
26		OFF PEAK KWH		317,711,608	0.039890	12,673,516	20.8		12,673,516
27		TOTAL WINTER	1,242	446,525,348		33,356,944	54.9		33,356,944
28		TOTAL RATE DT SECONDARY EXCLUDING RIDERS	1,876	691,028,749		51,966,194	85.5		51,966,194
29	RIDERS:								
30		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	3,518,027	5.8		3,518,027
31		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				5,430,015	8.9		5,430,015
32		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			470,591	470,591
33		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(112,638)	(0.2)		(112,638)
34		TOTAL RIDERS				8,835,404	14.5	470,591	9,305,995
35		TOTAL RATE DT SECONDARY INCLUDING RIDERS	1,876	691,028,749		60,801,598	100.0	470,591	61,272,189

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(ELECTRIC SERVICE)

DATA: BASE PERIOD FORECASTED PERIOD
TYPE OF FILING: ORIGINAL UPDATED REVISED
WORK PAPER REFERENCE NO(S).:
12 Months Projected with Riders

SCHEDULE M-2.3
PAGE 6 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC 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	106		\$15.00	1,590	0.2		1,590
5		THREE PHASE	375		\$30.00	11,250	1.4		11,250
6		PRIMARY VOLTAGE	0		\$117.00	0	0.0		0
7		TOTAL CUSTOMER CHARGE	481			12,840	1.6		12,840
8		DEMAND CHARGE:							
9		ALL KW		30,346	\$0.00	0	0.0		0
10		ENERGY CHARGE (3):							
11		ALL KWH		9,323,104	0.070482	657,111	83.9		657,111
12		TOTAL RATE EH EXCLUDING RIDERS	481	9,323,104		669,951	85.5		669,951
13		RIDERS:							
14		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	47,464	6.1		47,464
15		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				67,619	8.6		67,619
16		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681		0.0	6,349	6,349
17		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(1,520)	(0.2)		(1,520)
18		TOTAL RIDERS				113,563	14.5	6,349	119,912
19		TOTAL RATE EH INCLUDING RIDERS	481	9,323,104		783,514	100.0	6,349	789,863

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 7 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC 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		\$15.00	2,700	6.9		2,700
4		ENERGY CHARGE (3):							
5		ALL CONSUMPTION		277,600	0.111052	30,828	78.8		30,828
6		TOTAL RATE SP EXCLUDING RIDERS	180	277,600		33,528	85.7		33,528
7		RIDERS:							
8		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	1,413	3.7		1,413
9		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				4,205	10.8		4,205
10		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			189	189
11		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(45)	(0.1)		(45)
12		TOTAL RIDERS				5,573	14.3	189	5,762
13		TOTAL RATE SP INCLUDING RIDERS	180	277,600		39,101	100.0	189	39,290
14		GS-FL SMALL FIXED LOADS							
15		MINIMUM BILLS	540		\$3.36	1,814	0.2		1,814
16		BASE RATE (3):							
17		LOAD RANGE 540 TO 720 HRS		11,720	0.093089	1,091	0.1		1,091
18		LOAD RANGE LESS THAN 540 HRS		5,988,893	0.107269	642,423	85.3		642,423
19		TOTAL RATE GS-FL EXCLUDING RIDERS	540	6,000,613		645,328	85.7		645,328
20		RIDERS:							
21		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	30,549	4.0		30,549
22		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				78,074	10.4		78,074
23		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			4,086	4,086
24		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(978)	(0.1)		(978)
25		TOTAL RIDERS				107,645	14.3	4,086	111,731
26		TOTAL RATE GS-FL INCLUDING RIDERS	540	6,000,613		752,973	100.0	4,086	757,059

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 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. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 8 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KW/KWH)	(\$/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		\$117.00	14,040	0.8		14,040
6		TOTAL CUSTOMER CHARGE	120			14,160	0.8		14,160
7	DEMAND CHARGE:								
8		ALL KW		46,913	\$9.02	423,155	23.6		423,155
9		TOTAL DEMAND		46,913		423,155	23.6		423,155
10	ENERGY CHARGE (3):								
11		FIRST 300KWH/KW		13,736,575	0.058203	799,510	44.7		799,510
12		ADDITIONAL KWH		6,024,676	0.049212	296,486	16.6		296,486
13		CAP RATE KWH		0	0.274836	0	0.0		0
14		TOTAL ENERGY		19,761,251		1,095,996	61.2		1,095,996
15		TOTAL RATE DP EXCLUDING RIDERS	120	19,761,251		1,533,311	85.7		1,533,311
16	RIDERS:								
17		DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.005091	100,605	5.6		100,605
18		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				159,240	8.9		159,240
19		FUEL ADJUSTMENT CLAUSE (FAC)			0.000681			13,457	13,457
20		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(3,221)	(0.2)		(3,221)
21		TOTAL RIDERS				256,624	14.3	13,457	270,081
22		TOTAL RATE DP INCLUDING RIDERS	120	19,761,251		1,789,935	100.0	13,457	1,803,392

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 9 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FAC (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KW/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			164,217	\$8.75	1,436,899	9.0		1,436,899
6	OFF PEAK KW			6,210	\$1.32	8,197	0.1		8,197
7	TOTAL DEMAND			170,427		1,445,096	9.1		1,445,096
8	ENERGY CHARGE (3):								
9	ON PEAK KWH			26,283,286	0.053207	1,398,455	8.7		1,398,455
10	OFF PEAK KWH			49,073,886	0.043571	2,138,198	13.3		2,138,198
11	TOTAL ENERGY			75,357,172		3,536,653	22.2		3,536,653
12	TOTAL SUMMER		52	75,357,172		5,007,749	31.2		5,007,749
13	WINTER:								
14	CUSTOMER CHARGE		103		\$500.00	51,500	0.3		51,500
15	DEMAND CHARGE:								
16	ON PEAK KW			333,064	\$7.18	2,391,400	14.9		2,391,400
17	OFF PEAK KW			12,304	\$1.32	16,241	0.1		16,241
18	TOTAL DEMAND			345,368		2,407,641	15.0		2,407,641
19	ENERGY CHARGE (3):								
20	ON PEAK KWH			47,227,579	0.050794	2,398,878	15.0		2,398,878
21	OFF PEAK KWH			106,618,590	0.043571	4,645,479	29.0		4,645,479
22	TOTAL ENERGY			153,846,169		7,044,357	44.0		7,044,357
23	TOTAL WINTER		103	153,846,169		9,503,498	59.3		9,503,498
24	TOTAL RATE TT EXCLUDING RIDERS		155	229,203,341		14,511,247	90.6		14,511,247
25	RIDERS:								
26	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.000463	106,121	0.7		106,121
27	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)					1,438,497	9.0		1,438,497
28	FUEL ADJUSTMENT CLAUSE (FAC)				0.000681			156,087	156,087
29	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(37,360)	(0.2)		(37,360)
30	TOTAL RIDERS					1,507,258	9.4	156,087	1,663,345
31	TOTAL RATE TT INCLUDING RIDERS		155	229,203,341		16,018,505	100.0	156,087	16,174,592

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 10 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC REVENUE (2) (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	4.9		4,392
5	TOTAL CUSTOMER CHARGE					4,392	4.9		4,392
6	ENERGY CHARGE:								
7	ALL KWH			1,610,719	0.018391	29,623	32.8		29,623
8	COMMODITY CHARGES			1,610,719	0.029462	47,455	52.6	0	47,455
9	TOTAL ENERGY			1,610,719		77,078	85.4	0	77,078
10	TOTAL RATE DT RTP SECONDARY EXCLUDING RIDERS		24	1,610,719		81,470	90.3	0	81,470
11	RIDERS:								
12	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.005091	8,200	9.1		8,200
13	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)					798	0.9		798
14	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(263)	(0.3)		(263)
15	TOTAL RIDERS					8,735	9.7	0	8,735
16	TOTAL RATE DT RTP SECONDARY INCLUDING RIDERS		24	1,610,719		90,205	100.0	0	90,205

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 11 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC REVENUE (2) (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	11.6		6,588
5	TOTAL CUSTOMER CHARGE					6,588	11.6		6,588
6	ENERGY CHARGE:								
7	ALL KWH			808,421	0.018391	14,868	26.1		14,868
8	COMMODITY CHARGES			808,421	0.037493	30,310	53.2	0	30,310
9	TOTAL ENERGY			808,421		45,178	79.3	0	45,178
10	TOTAL RATE DS RTP EXCLUDING RIDERS		36	808,421		51,766	90.8	0	51,766
11	RIDERS:								
12	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.005091	4,116	7.2		4,116
13	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)					1,196	2.1		1,196
14	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(132)	(0.2)		(132)
15	TOTAL RIDERS					5,180	9.2	0	5,180
16	TOTAL RATE DS RTP INCLUDING RIDERS		36	808,421		56,946	100.0	0	56,946

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 12 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC REVENUE (2) (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	0.8		4,392
5	TOTAL CUSTOMER CHARGE					4,392	0.8		4,392
6	ENERGY CHARGE:								
7	ALL KWH			14,495,300	0.006602	95,698	16.8		95,698
8	COMMODITY CHARGES			14,495,300	0.032086	465,096	81.5	0	465,096
9	TOTAL ENERGY			14,495,300		560,794	98.3	0	560,794
10	TOTAL RATE TT RTP EXCLUDING RIDERS		24	14,495,300		565,186	99.1	0	565,186
11	RIDERS:								
12	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.000463	6,711	1.2		6,711
13	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)					798	0.1		798
14	PROFIT SHARING MECHANISM (PSM)				(0.000163)	(2,363)	(0.4)		(2,363)
15	TOTAL RIDERS					5,146	0.9		5,146
16	TOTAL RATE TT RTP INCLUDING RIDERS		24	14,495,300		570,332	100.0	0	570,332

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES(1A) (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC 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	66,375	4,441,594	8.16	541,620	31.9	3,025	544,645
5		7,000 LUMEN (OPEN)	60	4,265	6.81	409	0.0	3	412
6		7,000 LUMEN (4)	12	803	13.14	158	0.0	1	159
7		7,000 LUMEN (5)	511	34,194	13.21	6,750	0.4	23	6,773
8		7,000 LUMEN (6)	108	7,227	14.21	1,535	0.1	5	1,540
9		7,000 LUMEN (8A)	132	8,833	16.20	2,138	0.1	6	2,144
10		10,000 LUMEN	2,104	200,581	9.42	19,820	1.2	137	19,957
11		10,000 LUMEN (5)	0	0	14.47	0	0.0	0	0
12		21,000 LUMEN	9,336	1,391,842	12.61	117,727	6.9	948	118,675
13		21,000 LUMEN (5)	132	19,679	17.66	2,331	0.1	13	2,344
14		21,000 LUMEN (6)	132	19,679	18.66	2,463	0.1	13	2,476
15		METAL HALIDE:							
16		14,000 LUMEN	328	21,949	8.16	2,676	0.2	15	2,691
17		14,000 LUMEN (5)	48	3,212	13.21	634	0.0	2	636
18		14,000 LUMEN (6)	84	5,621	14.21	1,194	0.1	4	1,198
19		14,000 LUMEN (10)	12	803	13.21	159	0.0	1	160
20		20,500 LUMEN	168	16,016	9.42	1,583	0.1	11	1,594
21		20,500 LUMEN (6)	24	2,288	15.47	371	0.0	2	373
22		36,000 LUMEN	0	0	12.61	0	0.0	0	0
23		SODIUM VAPOR:							
24		9,500 LUMEN	18,953	769,176	9.03	171,146	10.1	524	171,670
25		9,500 LUMEN (OPEN)	120	4,870	6.78	814	0.0	3	817
26		9,500 LUMEN (4)	48	1,948	14.01	672	0.0	1	673
27		9,500 LUMEN (5)	674	27,353	14.08	9,490	0.6	19	9,509
28		9,500 LUMEN (6)	612	24,837	15.08	9,229	0.5	17	9,246
29		16,000 LUMEN	372	22,041	9.85	3,664	0.2	15	3,679
30		16,000 LUMEN (5)	12	711	14.90	179	0.0	0	179
31		16,000 LUMEN (6)	108	6,399	15.90	1,717	0.1	4	1,721
32		22,000 LUMEN	5,346	422,334	12.76	68,215	4.0	288	68,503
33		22,000 LUMEN (4)	0	0	17.74	0	0.0	0	0
34		22,000 LUMEN (5)	204	16,116	17.81	3,633	0.2	11	3,644
35		22,000 LUMEN (6)	72	5,688	18.81	1,354	0.1	4	1,358
36		22,000 LUMEN (8)	12	948	20.72	249	0.0	1	250
37		27,500 LUMEN	96	7,584	12.76	1,225	0.1	5	1,230
38		27,500 LUMEN (6)	12	948	18.81	226	0.0	1	227
39		50,000 LUMEN	9,645	1,574,546	17.15	165,412	9.7	1,072	166,484
40		50,000 LUMEN (5)	264	43,098	22.20	5,861	0.3	29	5,890
41		50,000 LUMEN (6)	633	103,337	23.20	14,686	0.9	70	14,756

(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 \$0.000681 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. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (KWH) (D)	PROPOSED RATES(1A) (\$/UNIT) (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
42	SL	STREET LIGHTING – CO OWNED & MAINTAINED (CONTD.)							
43		OVERHEAD DISTRIBUTION (CONTD.):							
44		DECORATIVE SODIUM VAPOR:							
45		9,500 LUMEN RECTILINEAR	0	0	11.23	0	0.0	0	0
46		22,000 LUMEN RECTILINEAR	12	1,023	13.88	167	0.0	1	168
47		50,000 LUMEN RECTILINEAR	132	21,549	18.36	2,424	0.1	15	2,439
48		50,000 LUMEN RECTILINEAR (5)	180	29,385	23.41	4,214	0.2	20	4,234
49		50,000 LUMEN RECTILINEAR (6)	0	0	24.41	0	0.0	0	0
50		50,000 LUMEN SETBACK	216	35,262	27.29	5,895	0.3	24	5,919
51		50,000 LUMEN SETBACK (6)	36	5,877	33.34	1,200	0.1	4	1,204
52		TOTAL OVERHEAD	117,325	9,303,616		1,173,240	69.1	6,336	1,179,577
53		UNDERGROUND DISTRIBUTION:							
54		MERCURY VAPOR:							
55		7,000 LUMEN	60	4,370	8.31	499	0.0	3	502
56		7,000 LUMEN (OPEN)	0	0	6.81	0	0.0	0	0
57		7,000 LUMEN (4)	566	41,224	13.29	7,522	0.4	28	7,550
58		7,000 LUMEN (5)	4	291	13.36	53	0.0	0	53
59		7,000 LUMEN (8)	348	25,346	16.27	5,662	0.3	17	5,679
60		10,000 LUMEN	0	0	9.59	0	0.0	0	0
61		10,000 LUMEN (4)	84	8,505	14.57	1,224	0.1	6	1,230
62		10,000 LUMEN (8)	156	15,795	17.55	2,738	0.2	11	2,749
63		21,000 LUMEN	96	15,312	12.91	1,239	0.1	10	1,249
64		21,000 LUMEN (8)	132	21,054	20.87	2,755	0.2	14	2,769
65		METAL HALIDE:							
66		14,000 LUMEN	0	0	8.31	0	0.0	0	0
67		20,500 LUMEN	0	0	9.59	0	0.0	0	0
68		36,000 LUMEN	0	0	12.91	0	0.0	0	0
69		SODIUM VAPOR:							
70		9,500 LUMEN	0	0	9.03	0	0.0	0	0
71		9,500 LUMEN (6)	24	974	15.08	362	0.0	1	363
72		9,500 LUMEN (8)	588	23,863	16.99	9,990	0.6	16	10,006
73		9,500 LUMEN (10)	24	974	14.08	338	0.0	1	339
74		9,500 LUMEN (13)	12	487	18.90	227	0.0	0	227
75		9,500 LUMEN (OPEN)	0	0	6.87	0	0.0	0	0
76		16,000 LUMEN	0	0	9.81	0	0.0	0	0
77		16,000 LUMEN (6)	24	1,422	15.86	381	0.0	1	382
78		22,000 LUMEN	228	18,012	12.76	2,909	0.2	12	2,921
79		22,000 LUMEN (5)	60	4,740	17.81	1,059	0.1	3	1,072
80		22,000 LUMEN (8)	530	41,870	20.72	10,982	0.6	29	11,011
81		22,000 LUMEN (8A)	48	3,792	20.80	998	0.1	3	1,001
82		27,500 LUMEN	0	0	12.76	0	0.0	0	0
83		27,500 LUMEN (9)	252	19,908	28.66	7,222	0.4	14	7,236
84		50,000 LUMEN	342	55,832	17.15	5,865	0.3	38	5,903
85		50,000 LUMEN (8)	72	11,754	25.11	1,808	0.1	8	1,816
86		50,000 LUMEN (9)	132	21,549	33.05	4,363	0.3	15	4,378
87		DECORATIVE MERCURY VAPOR:							
88		7,000 LUMEN TOWN & COUNTRY	0	0	8.59	0	0.0	0	0
89		7,000 LUMEN TOWN & COUNTRY (3)	216	15,354	13.64	2,946	0.2	10	2,956
90		7,000 LUMEN TOWN & COUNTRY (10)	5,870	417,259	13.64	80,067	4.6	284	80,351
91		7,000 LUMEN HOLOPHANE	24	1,748	10.79	259	0.0	1	260
92		7,000 LUMEN HOLOPHANE (10)	1,908	138,966	15.84	30,223	1.8	95	30,318
93		7,000 LUMEN GAS REPLICA (7)	96	6,992	38.38	3,684	0.2	5	3,689
94		7,000 LUMEN GRANVILLE	0	0	8.68	0	0.0	0	0
95		7,000 LUMEN GRANVILLE (7)	0	0	22.41	0	0.0	0	0
96		7,000 LUMEN ASPEN	24	1,748	15.62	375	0.0	1	376

(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 \$0.000881 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. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (KWH) (D)	PROPOSED RATES(1A) (\$/UNIT) (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G) (%)	FAC REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
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	8.58	0	0.0	0	0
101	14,000	LUMEN TRADITIONAIRE (7)	60	4,265	22.31	1,339	0.1	3	1,342
102	14,000	LUMEN TRADITIONAIRE (10)	468	33,267	13.63	6,379	0.4	23	6,402
103	14,000	LUMEN GRANVILLE	0	0	15.62	0	0.0	0	0
104	14,000	LUMEN GRANVILLE (11)	0	0	30.38	0	0.0	0	0
105	14,000	LUMEN GAS REPLICA	0	0	24.74	0	0.0	0	0
106	14,500	LUMEN GAS REPLICA	0	0	24.74	0	0.0	0	0
107	14,500	LUMEN GAS REPLICA (7)	288	20,976	38.47	11,079	0.7	14	11,093
108	14,500	LUMEN GAS REPLICA (10)	60	4,370	29.79	1,787	0.1	3	1,790
109		DECORATIVE SODIUM VAPOR:							
110	9,500	LUMEN TOWN & COUNTRY	96	3,896	12.54	1,204	0.1	3	1,207
111	9,500	LUMEN TOWN & COUNTRY (10)	1905	77,311	17.59	33,509	2.0	53	33,562
112	9,500	LUMEN HOLOPHANE	576	25,536	13.58	7,822	0.5	17	7,839
113	9,500	LUMEN HOLOPHANE (10)	312	13,832	18.63	5,813	0.3	9	5,822
114	9,500	LUMEN GAS REPLICA (7)	132	5,852	39.27	5,184	0.3	4	5,188
115	9,500	LUMEN GAS REPLICA (10)	12	532	30.59	367	0.0	0	367
116	9,500	LUMEN GAS REPLICA (11)	312	13,832	40.30	12,574	0.7	9	12,583
117	9,500	LUMEN ASPEN	888	39,368	15.82	14,048	0.8	27	14,075
118	9,500	LUMEN TRADITIONAIRE	0	0	12.54	0	0.0	0	0
119	9,500	LUMEN TRADITIONAIRE (10)	696	28,246	17.59	12,243	0.7	19	12,262
120	9,500	LUMEN GRANVILLE	0	0	15.82	0	0.0	0	0
121	9,500	LUMEN GRANVILLE (7)	0	0	29.55	0	0.0	0	0
122	9,500	LUMEN GRANVILLE (10)	0	0	20.87	0	0.0	0	0
123	9,500	LUMEN GRANVILLE (11)	0	0	30.58	0	0.0	0	0
124	22,000	LUMEN RECTILINEAR	0	0	13.94	0	0.0	0	0
125	22,000	LUMEN RECTILINEAR (12)	176	15,004	23.55	4,145	0.2	10	4,155
126	50,000	LUMEN RECTILINEAR	0	0	18.42	0	0.0	0	0
127	50,000	LUMEN RECTILINEAR (12)	36	5,877	28.03	1,009	0.1	4	1,013
128	50,000	LUMEN RECTILINEAR (13)	204	33,303	28.29	5,771	0.3	23	5,794
129	50,000	LUMEN SETBACK	0	0	27.29	0	0.0	0	0
130		TOTAL UNDERGROUND	18,141	1,244,608		310,033	18.3	848	310,880
131		RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH):							
132		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				195,592	11.5		195,592
133		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(1,719)	(0.1)		(1,719)
134		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				193,873	11.4		193,873
135		ADD'L FACILITIES CHARGE:							
136		OVERHEAD	5,025		0.60	3,015	0.2		3,015
137		UNDERGROUND	20,883		0.86	17,959	1.1		17,959
138		TOTAL ADD'L FACILITIES CHG	25,908			20,974	1.2	0	20,974
139		TOTAL RATE SL INCLUDING RIDERS	135,466	10,548,224		1,698,120	100.0	7,183	1,705,304

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.
(2) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.
(3) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(4) WITH 17' WOOD LAMINATED POLE.
(5) WITH 30' 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. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(ELECTRIC SERVICE)

DATA: BASE PERIOD 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 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES	PROPOSED	% OF REV TO	FAC	FAC	FAC	PROPOSED
						REVENUE LESS	TOTAL LESS				REVENUE (2)
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)		(\$)	
1	TL	TRAFFIC LIGHTING									
2		SERVICE									
3	(A)	WHERE COMPANY									
4		SUPPLIES ENERGY ONLY (3):									
5		ALL CONSUMPTION	77,028	687,336	0.043675	30,019	34.0	468		30,487	
6	(B)	WHERE COMPANY									
7		SUPPLIES ENERGY FROM A									
8		SEPARATELY METERED SOURCE									
9		AND PROVIDES LIMITED									
10		MAINTENANCE:									
11		ALL CONSUMPTION	0	0	0.024185	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	0.067860	51,469	58.3	517		51,986	
17		TOTAL RATE TL EXCLUDING RIDERS	95,904	1,445,796		81,488	92.2	985		82,473	
18		RIDERS NOT INCLUDED IN RATES ABOVE:									
19		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				7,102	8.0			7,102	
20		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(236)	(0.3)			(236)	
21		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				6,866	7.8			6,866	
22		TOTAL RATE TL INCLUDING RIDERS	95,904	1,445,796		88,354	100.0	985		89,339	

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 17 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES(3)	PROPOSED REVENUE LESS FAC REVENUE	% OF REV TO TOTAL LESS FAC REVENUE	FAC 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		89,808	4,739,968	0.043003	203,833	94.3	3,228	207,061
3		RIDERS NOT INCLUDED IN RATES ABOVE:							
4		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				13,040	6.0		13,040
5		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(773)	(0.4)		(773)
6		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				12,267	5.7		12,267
7		TOTAL RATE UOLS INCLUDING RIDERS	89,808	4,739,968		216,100	100.0	3,228	219,328

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES(3)	PROPOSED REVENUE LESS FAC REVENUE	% OF REV TO TOTAL LESS FAC REVENUE	FAC REVENUE (2)	PROPOSED TOTAL REVENUE (F + H)
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(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	10.58	0	0.0	0	0
5		2,500 LUMEN MULTIPLE	144	9,432	8.22	1,184	1.3	6	1,190
6	(2)	HOLOPHANE DECORATIVE:							
7		10,000 LUMEN MV W							
8		17' FIBERGLASS POLE	372	37,665	19.26	7,165	8.1	26	7,191
9	(3)	STREET LGT UNITS (OH)							
10		2,500 LUMEN INCANDESCENT	840	55,020	8.15	6,846	7.8	37	6,883
11		2,500 LUMEN MERCURY VAPOR	7,372	278,293	7.71	56,838	64.5	189	57,027
12		21,000 LUMEN MERCURY VAPOR	408	65,076	12.23	4,990	5.7	45	5,035
13		TOTAL COMPANY OWNED	9,136	445,486		77,023	87.5	303	77,326
14	(B)	CUSTOMER OWNED WITH LTD MAINT							
15	(1)	BOULEVARD INCANDESCENT(UG):							
16		2,500 LUMEN SERIES	0	0	6.24	0	0.0	0	0
17		2,500 LUMEN MULTIPLE	60	3,930	7.94	476	0.5	3	479
18		TOTAL CUSTOMER OWNED	60	3,930		476	0.5	3	479
19		TOTAL RATE NSU EXCLUDING RIDERS	9,196	449,416		77,499	88.0	306	77,805
20		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):							
21		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				10,649	12.1		10,649
22		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(73)	(0.1)		(73)
23		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				10,576	12.0		10,576
24		TOTAL RATE NSU INCLUDING RIDERS	9,196	449,416		88,075	100.0	306	88,381

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.
(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.
(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 19 OF 23
WITNESS:
J. L. Kern

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 FAC REVENUE (F) (\$)	% OF REV TO TOTAL LESS FAC REVENUE (G) (%)	FAC 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	4.80	0	0.0	0	0
6		10,000 LUMEN	0	0	6.12	0	0.0	0	0
7		21,000 LUMEN	0	0	8.49	0	0.0	0	0
8		METAL HALIDE --							
9		14,000 LUMEN	0	0	4.80	0	0.0	0	0
10		20,500 LUMEN	0	0	6.12	0	0.0	0	0
11		36,000 LUMEN	0	0	8.49	0	0.0	0	0
12		SODIUM VAPOR--							
13		9,500 LUMEN	0	0	5.78	0	0.0	0	0
14		16,000 LUMEN	0	0	6.44	0	0.0	0	0
15		22,000 LUMEN	0	0	7.08	0	0.0	0	0
16		27,500 LUMEN	0	0	7.08	0	0.0	0	0
17		50,000 LUMEN	0	0	9.59	0	0.0	0	0
18		DECORATIVE UNITS:							
19		7,000 LUMEN MERCURY VAPOR--							
20		HOLOPHANE	0	0	6.11	0	0.0	0	0
21		TOWN & COUNTRY	0	0	6.05	0	0.0	0	0
22		GAS REPLICA	0	0	6.11	0	0.0	0	0
23		ASPEN	0	0	6.11	0	0.0	0	0
24		14,000 LUMEN METAL HALIDE--							
25		TRADITIONAIRE	0	0	6.05	0	0.0	0	0
26		GRANVILLE ACORN	0	0	6.11	0	0.0	0	0
27		GAS REPLICA	0	0	6.11	0	0.0	0	0
28		9,500 LUMEN SODIUM VAPOR--							
29		TOWN & COUNTRY	0	0	5.69	0	0.0	0	0
30		TRADITIONAIRE	0	0	5.69	0	0.0	0	0
31		GRANVILLE ACORN	0	0	5.94	0	0.0	0	0
32		RECTILINEAR	0	0	5.69	0	0.0	0	0
33		ASPEN	0	0	5.94	0	0.0	0	0
34		HOLOPHANE	0	0	5.94	0	0.0	0	0
35		GAS REPLICA	0	0	5.94	0	0.0	0	0
36		SODIUM VAPOR --							
37		22,000 LUMEN (RECTILINEAR)	0	0	7.50	0	0.0	0	0
38		50,000 LUMEN (RECTILINEAR)	0	0	9.92	0	0.0	0	0
39		CUST OWNED/CUST MAINT							
40		ENERGY ONLY	2,065	97,596	0.043003	4,197	94.3	66	4,263
41		TOTAL RATE SC EXCLUDING RIDERS	2,065	97,596		4,197	94.3	66	4,263
42		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):							
43		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				268	6.0		268
44		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(16)	(0.4)		(16)
45		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				252	5.7		252
46		TOTAL RATE SC INCLUDING RIDERS	2,065	97,596		4,449	100.0	66	4,515

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.000681 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 20 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES(3) (E)	PROPOSED REVENUE LESS FAC REVENUE (F)	% OF REV TO TOTAL LESS FAC REVENUE (G)	FAC REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(\$)
1	SE	STREET LIGHTING							
2		OVERHEAD EQUIVALENT RATE							
3		MERCURY VAPOR 7,000 LUMEN:							
4		TOWN & COUNTRY	6,900	490,475	8.36	57,684	23.1	334	58,018
5		HOLOPHANE	2,328	169,556	8.40	19,555	7.8	115	19,670
6		GAS REPLICA	698	50,838	8.40	5,863	2.3	35	5,898
7		ASPEN	132	9,614	8.40	1,109	0.4	7	1,116
8		METAL HALIDE 14,000 LUMEN:							
9		TRADITIONAIRE	3,204	227,751	8.36	26,785	10.7	155	26,940
10		GRANVILLE ACORN	0	0	8.40	0	0.0	0	0
11		GAS REPLICA	560	40,787	8.40	4,704	1.9	28	4,732
12		SODIUM VAPOR 9,500 LUMEN:							
13		TOWN & COUNTRY	3,211	130,313	9.12	29,284	11.7	89	29,373
15		HOLOPHANE	2,480	109,947	9.24	22,915	9.2	75	22,990
16		RECTILINEAR	974	39,528	9.12	8,883	3.6	27	8,910
17		GAS REPLICA	1,272	56,392	9.23	11,741	4.7	38	11,779
19		ASPEN	2,616	115,976	9.23	24,146	9.7	79	24,225
14		TRADITIONAIRE	0	0	9.12	0	0.0	0	0
18		GRANVILLE ACORN	156	6,916	9.23	1,440	0.6	5	1,445
20		SODIUM VAPOR:							
21		22,000 LUMEN (RECTILINEAR)	481	41,005	13.10	6,301	2.5	28	6,329
22		50,000 LUMEN (RECTILINEAR)	24	3,918	17.33	416	0.2	3	419
23		50,000 LUMEN (SETBACK)	0	0	17.33	0	0.0	0	0
24		TOTAL RATE SE EXCLUDING RIDERS	25,036	1,493,016		220,826	88.3	1,018	221,844
25		RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH):							
26		ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				29,443	11.8		29,443
29		PROFIT SHARING MECHANISM (PSM)			(0.000163)	(243)	(0.1)		(243)
30		TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				29,200	11.7		29,200
31		TOTAL RATE SE INCLUDING RIDERS	25,036	1,493,016		250,026	100.0	1,017	251,044

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.000881 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 21 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES (D)	PROPOSED		PROPOSED	% OF REV TO	FAC REVENUE (2)	PROPOSED
					FIXTURE (E1)	MAINTNCE (E2)	REVENUE LESS FAC REVENUE (F)	TOTAL LESS FAC REVENUE (G)		TOTAL REVENUE (F + H)
	(A)	(B)	(C)	(KWH)	(\$/UNIT)		(\$)	(%)	(\$)	(\$)
1	LED	STREET LIGHTING -- LED								
2	FIXTURES									
3	50W	Neighborhood	0	0	4.50	4.76	0	0.0		0
4	50W	Neighborhood with Lens	0	0	4.69	4.76	0	0.0		0
5	50W	Standard LED	0	0	5.53	4.76	0	0.0		0
6	70W	Standard LED	0	0	5.52	4.76	0	0.0		0
7	110W	Standard LED	0	0	6.26	4.76	0	0.0		0
8	150W	Standard LED	0	0	8.30	4.76	0	0.0		0
9	220W	Standard LED	0	0	9.41	5.80	0	0.0		0
10	280W	Standard LED	0	0	11.57	5.80	0	0.0		0
11	50W	Acorn LED	0	0	14.55	4.76	0	0.0		0
12	50W	Deluxe Acorn LED	0	0	16.14	4.76	0	0.0		0
13	70W	LED Open Deluxe Acorn	0	0	15.74	4.76	0	0.0		0
14	50W	Traditional LED	0	0	10.54	4.76	0	0.0		0
15	50W	Open Traditional LED	0	0	10.54	4.76	0	0.0		0
16	50W	Mini Bell LED	0	0	13.72	4.76	0	0.0		0
17	50W	Enterprise LED	0	0	14.17	4.76	0	0.0		0
18	70W	Sanibel LED	0	0	17.47	4.76	0	0.0		0
19	150W	Sanibel LED	0	0	17.47	4.76	0	0.0		0
20	150W	LED Teardrop	0	0	21.14	4.76	0	0.0		0
21	50W	LED Teardrop Pedestrian	0	0	17.15	4.76	0	0.0		0
22	220W	LED Shoebox	0	0	14.64	5.80	0	0.0		0
23	420W	LED Shoebox	0	0	21.85	5.80	0	0.0		0
24	530W	LED Shoebox	0	0	26.55	5.80	0	0.0		0
25	150W	Clermont LED	0	0	25.19	4.76	0	0.0		0
26	130W	Flood LED	0	0	8.65	4.76	0	0.0		0
27	260W	Flood LED	0	0	13.61	4.76	0	0.0		0
28	50W	Monticello LED	0	0	16.82	4.76	0	0.0		0
29	50W	Mitchell Finial	0	0	15.95	4.76	0	0.0		0
30	50W	Mitchell Ribs, Bands, and Medallions LED	0	0	17.57	4.76	0	0.0		0
31	50W	Mitchell Top Hat LED	0	0	15.95	4.76	0	0.0		0
32	50W	Mitchell Top Hat with Ribs, Bands, and Medallions LED	0	0	17.57	5.80	0	0.0		0
33	50W	Open Monticello LED	0	0	16.75	5.80	0	0.0		0
34	TOTAL LED FIXTURES			0	0					0
35	ENERGY CHARGE (1A)			0	0.043003		0			0
36	POLES									
37	Style A	12 Ft Long Anchor Base Top Tenon Aluminum	0		6.33		0	0.0		0
38	Style A	15 Ft Long Direct Buried Top Tenon Aluminum	0		5.42		0	0.0		0
39	Style A	15 Ft Long Anchor Base Top Tenon Aluminum	0		6.51		0	0.0		0
40	Style A	18 Ft Long Direct Buried Top Tenon Aluminum	0		5.64		0	0.0		0
41	Style A	17 Ft Long Anchor Base Top Tenon Aluminum	0		6.83		0	0.0		0
42	Style A	25 Ft Long Direct Buried Top Tenon Aluminum	0		10.46		0	0.0		0
43	Style A	22 Ft Long Anchor Base Top Tenon Aluminum	0		8.09		0	0.0		0
44	Style A	30 Ft Long Direct Buried Top Tenon Aluminum	0		11.66		0	0.0		0

(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 \$0.000681 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 22 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES(1A)	PROPOSED REVENUE LESS FAC REVENUE	% OF REV TO TOTAL LESS FAC REVENUE	FAC REVENUE (2)	PROPOSED TOTAL REVENUE (F + H)
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(\$)
45	LED	STREET LIGHTING -- LED (CONT'D)							
46	POLES	(CONT'D)							
47	Style A 27 Ft Long Anchor Base	Top Tenon Aluminum	0		9.56	0	0.0		0
48	Style A 35 Ft Long Direct Buried	Top Tenon Aluminum	0		12.98	0	0.0		0
49	Style A 32 Ft Long Anchor Base	Top Tenon Aluminum	0		11.05	0	0.0		0
50	Style A 41 Ft Long Direct Buried	Top Tenon Aluminum	0		14.02	0	0.0		0
51	Style B 12 Ft Long Anchor Base Post	Top Aluminum	0		7.71	0	0.0		0
52	Style C 12 Ft Long Anchor Base Post	Top Aluminum	0		10.44	0	0.0		0
53	Style C 12 Ft Long Anchor Base Davit	Steel	0		10.44	0	0.0		0
54	Style C 14 Ft Long Anchor Base	Top Tenon Steel	0		11.19	0	0.0		0
55	Style C 21 Ft Long Anchor Base Davit	Steel	0		27.46	0	0.0		0
56	Style C 23 Ft Long Anchor Base Boston Harbor	Steel	0		27.76	0	0.0		0
57	Style D 12 Ft Long Anchor Base Breakaway	Aluminum	0		10.34	0	0.0		0
58	Style E 12 Ft Long Anchor Base Post	Top Aluminum	0		10.44	0	0.0		0
59	Style F 12 Ft Long Anchor Base Post	Top Aluminum	0		11.18	0	0.0		0
60	Legacy Style 39 Ft Direct Buried Single or Twin Side Mount	Aluminum Satin F	0		17.67	0	0.0		0
61	Legacy Style 27 Ft Long Anchor Base Side Mount	Aluminum Pole Satin Finish	0		13.62	0	0.0		0
62	Legacy Style 33 Ft Long Anchor Base Side Mount	Aluminum Pole Satin Finish	0		13.25	0	0.0		0
63	Legacy Style 37 Ft Long Anchor Base Side Mount	Aluminum Pole Satin Finish	0		16.38	0	0.0		0
64	30' Class 7 Wood Pole		0		6.48	0	0.0		0
65	35' Class 5 Wood Pole		0		7.04	0	0.0		0
66	40' Class 4 Wood Pole		0		10.60	0	0.0		0
67	45' Class 4 Wood Pole		0		10.99	0	0.0		0
68	15' Style A - Fluted - for Shroud - Aluminum Direct Buried	Pole	0		5.08	0	0.0		0
69	20' Style A - Fluted - for Shroud - Aluminum Direct Buried	Pole	0		5.66	0	0.0		0
70	15' Style A - Smooth - for Shroud - Aluminum Direct Buried	Pole	0		3.35	0	0.0		0
71	20' Style A - Smooth - for Shroud - Aluminum Direct Buried	Pole	0		5.22	0	0.0		0
72	Shroud - Standard Style for anchor base poles		0		2.45	0	0.0		0
73	Shroud - Style B Pole for smooth and fluted poles		0		2.30	0	0.0		0
74	Shroud - Style C Pole for smooth and fluted poles		0		2.21	0	0.0		0
75	Shroud - Style D Pole for smooth and fluted poles		0		2.38	0	0.0		0
76	TOTAL LED POLES		0			0			0
77	POLE FOUNDATIONS								
78	Flush - Pre-fabricated - Style A Pole		0		10.33	0	0.0		0
79	Flush - Pre-fabricated - Style B Pole		0		9.31	0	0.0		0
80	Flush - Pre-fabricated - Style C Pole		0		10.94	0	0.0		0
81	Flush - Pre-fabricated - Style E Pole		0		10.33	0	0.0		0
82	Flush - Pre-fabricated - Style F Pole		0		9.31	0	0.0		0
83	Flush - Pre-fabricated - Style D Pole		0		9.07	0	0.0		0
84	Reveal - Pre-fabricated - Style A Pole		0		10.97	0	0.0		0
85	Reveal - Pre-fabricated - Style B Pole		0		11.73	0	0.0		0
86	Reveal - Pre-fabricated - Style C Pole		0		11.72	0	0.0		0
87	Reveal - Pre-fabricated - Style D Pole		0		11.72	0	0.0		0
88	Reveal - Pre-fabricated - Style E Pole		0		11.72	0	0.0		0
89	Reveal - Pre-fabricated - Style F Pole		0		10.25	0	0.0		0
90	Screw-in Foundation		0		5.76	0	0.0		0
91	TOTAL LED POLE FOUNDATIONS		0			0			0

(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 \$0.000681 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED March 31, 2021
(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 23 OF 23
WITNESS:
J. L. Kern

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES(1A)	PROPOSED FAC REVENUE	% OF REV TO TOTAL LESS FAC REVENUE	FAC REVENUE (2)	PROPOSED TOTAL REVENUE (F + H)
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(\$)
92	LED	STREET LIGHTING -- LED (CONT'D)							
93	BRACKETS								
94	14 inch bracket - wood pole - side mount		0		1.37	0	0.0		0
95	4 foot bracket - wood pole - side mount		0		1.48	0	0.0		0
96	6 foot bracket - wood pole - side mount		0		1.36	0	0.0		0
97	8 foot bracket - wood pole - side mount		0		2.19	0	0.0		0
98	10 foot bracket - wood pole - side mount		0		4.53	0	0.0		0
99	12 foot bracket - wood pole - side mount		0		3.59	0	0.0		0
100	15 foot bracket - wood pole - side mount		0		4.37	0	0.0		0
101	4 foot bracket - metal pole - side mount		0		5.28	0	0.0		0
102	6 foot bracket - metal pole - side mount		0		5.64	0	0.0		0
103	8 foot bracket - metal pole - side mount		0		5.67	0	0.0		0
104	10 foot bracket - metal pole - side mount		0		5.98	0	0.0		0
105	12 foot bracket - metal pole - side mount		0		6.80	0	0.0		0
106	15 foot bracket - metal pole - side mount		0		6.95	0	0.0		0
107	18 inch bracket - metal pole - double Flood Mount - top mount		0		2.26	0	0.0		0
108	14 inch bracket - metal pole - single mount - top tenon		0		1.62	0	0.0		0
109	14 inch bracket - metal pole - double mount - top tenon		0		2.01	0	0.0		0
110	14 inch bracket - metal pole - triple mount - top tenon		0		2.48	0	0.0		0
111	14 inch bracket - metal pole - quad mount - top tenon		0		2.32	0	0.0		0
112	6 foot - metal pole - single - top tenon		0		2.44	0	0.0		0
113	6 foot - metal pole - double - top tenon		0		3.90	0	0.0		0
114	4 foot - Boston Harbor - top tenon		0		7.94	0	0.0		0
115	6 foot - Boston Harbor - top tenon		0		8.69	0	0.0		0
116	12 foot - Boston Harbor Style C pole double mount - top tenon		0		15.66	0	0.0		0
117	4 foot - Davit arm - top tenon		0		8.44	0	0.0		0
118	18 inch - Cobrahead fixture for wood pole		0		1.20	0	0.0		0
119	18 inch - Flood light for wood pole		0		1.35	0	0.0		0
120	TOTAL BRACKETS		0			0			0
121	WIRING EQUIPMENT								
122	Secondary Pedestal (cost per unit)		0		2.07	0	0.0		0
123	Handhole (cost per unit)		0		1.72	0	0.0		0
124	6AL DUPLEX and Trench (cost per foot)		0		0.92	0	0.0		0
125	6AL DUPLEX and Trench with conduit (cost per foot)		0		0.96	0	0.0		0
126	6AL DUPLEX with existing conduit (cost per foot)		0		0.89	0	0.0		0
127	6AL DUPLEX and Bore with conduit (cost per foot)		0		1.10	0	0.0		0
128	6AL DUPLEX OH wire (cost per foot)		0		0.88	0	0.0		0
129	TOTAL WIRING EQUIPMENT		0			0			0
130	RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH) :								
131	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)					0	0.0		0
132	FUEL ADJUSTMENT CLAUSE (FAC)				0.000681		0.0	0	0
133	PROFIT SHARING MECHANISM (PSM)				(0.000163)	0	0.0		0
134	TOTAL RIDERS NOT INCLUDED IN RATES ABOVE					0	0.0		0
135	TOTAL RATE LED INCLUDING RIDERS		0	0		0	0.0	0	0

(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 \$0.000881 PER KWH.

Before

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC CASE NO. 2019-00271

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, 2019

Forecasted Period: Twelve Months Ended March 31, 2021

Schedules

N Typical Bill Comparison

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
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 with Riders

SCHEDULE N
PAGE 1 OF 5
WITNESS:
J. L. Kern

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	LEVEL of DEMAND (A) (KW)	LEVEL of USE (B) (KWH)	BILL DATA LESS RIDERS				RIDERS				TOTAL CURRENT BILL (C+G+H+I+J) (K) (\$)	TOTAL PROPOSED BILL (D+G+H+I+J) (L) (\$)	PERCENT INCREASE (L-K) / K (M) (%)	
				CURRENT BILL(1)(6) (C) (\$)	PROPOSED BILL(1)(6) (D) (\$)	DOLLAR INCREASE (D - C) (E) (\$)	PERCENT INCREASE (E / C) (F) (%)	RIDER FAC (2) (G) (\$)	RIDER DSMR (3) (H) (\$)	RIDER ESM (4) (I) (\$)	RIDER PSM (5) (J) (\$)				
1	RS														
2		NA	300	32.60	39.38	6.78	20.8	0.20	0.91	3.96	(0.05)	37.62	44.40	18.0	
3		NA	400	39.76	47.81	8.05	20.2	0.27	1.21	4.84	(0.07)	46.01	54.06	17.5	
4		NA	500	46.93	56.24	9.31	19.8	0.34	1.52	5.73	(0.08)	54.44	63.75	17.1	
5		NA	800	68.42	81.52	13.10	19.1	0.54	2.43	8.38	(0.13)	79.64	92.74	16.4	
6		NA	1,000	82.75	98.37	15.62	18.9	0.68	3.04	10.15	(0.16)	96.46	112.08	16.2	
7		NA	1,500	118.58	140.51	21.93	18.5	1.02	4.55	14.57	(0.24)	138.48	160.41	15.8	
8		NA	2,000	154.40	182.64	28.24	18.3	1.36	6.07	18.99	(0.33)	180.49	208.73	15.6	

- (1) REFLECTS DSM HEA RIDER OF \$0.10 PER BILL.
- (2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.000681 PER KWH.
- (3) RIDER DSMR \$0.003035 PER KWH.
- (4) RIDER ESM 11.76% OF TOTAL CURRENT BILL.
- (5) RIDER PSM (\$0.000163) PER KWH.
- (6) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
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 with Riders

SCHEDULE N
PAGE 2 OF 5
WITNESS:
J. L. Kern

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	BILL DATA LESS RIDERS						RIDERS				TOTAL CURRENT BILL (K)	TOTAL PROPOSED BILL (L)	PERCENT INCREASE (M)
		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 PSM (4) (\$) (J)			
1	DS	5	2,000	194.68	212.48	17.80	9.1	1.36	10.18	28.49	(0.33)	234.38	252.18	7.6
2		10	4,000	355.08	394.95	39.87	11.2	2.72	20.36	50.75	(0.65)	428.26	468.13	9.3
3		10	6,000	515.48	577.43	61.95	12.0	4.09	30.55	73.01	(0.98)	622.15	684.10	10.0
4		30	6,000	639.23	718.13	78.90	12.3	4.09	30.55	95.48	(0.98)	768.37	847.27	10.3
5		30	9,000	786.93	886.15	99.22	12.6	6.13	45.82	112.00	(1.47)	949.41	1,048.63	10.5
6		30	12,000	934.62	1,054.18	119.56	12.8	8.17	61.09	128.52	(1.96)	1,130.44	1,250.00	10.6
7		50	10,000	1,001.16	1,129.76	128.60	12.8	6.81	50.91	147.47	(1.63)	1,204.72	1,333.32	10.7
8		50	15,000	1,247.32	1,409.80	162.48	13.0	10.22	76.37	175.01	(2.45)	1,506.47	1,668.95	10.8
9		50	20,000	1,493.48	1,689.84	196.36	13.1	13.62	101.82	202.54	(3.26)	1,808.20	2,004.56	10.9
10		75	15,000	1,453.57	1,644.30	190.73	13.1	10.22	76.37	212.46	(2.45)	1,750.17	1,940.90	10.9
11		75	20,000	1,699.73	1,924.34	224.61	13.2	13.62	101.82	239.99	(3.26)	2,051.90	2,276.51	10.9
12		75	30,000	2,178.68	2,469.21	290.53	13.3	20.43	152.73	292.63	(4.89)	2,639.58	2,930.11	11.0
13		100	20,000	1,905.98	2,158.84	252.86	13.3	13.62	101.82	277.45	(3.26)	2,295.61	2,548.47	11.0
14		100	30,000	2,398.30	2,718.92	320.62	13.4	20.43	152.73	332.52	(4.89)	2,899.09	3,219.71	11.1
15		100	40,000	2,854.96	3,238.43	383.47	13.4	27.24	203.64	381.11	(6.52)	3,460.43	3,843.90	11.1
16		300	60,000	5,525.26	6,275.16	749.90	13.6	40.86	305.46	797.35	(9.78)	6,659.15	7,409.05	11.3
17		300	90,000	7,002.22	7,955.40	953.18	13.6	61.29	458.19	962.55	(14.67)	8,469.58	9,422.76	11.3
18		300	120,000	8,265.22	9,392.23	1,127.01	13.6	81.72	610.92	1,088.90	(19.56)	10,027.20	11,154.21	11.2
19		500	100,000	9,144.54	10,391.48	1,246.94	13.6	68.10	509.10	1,317.26	(16.30)	11,022.70	12,269.64	11.3
20		500	200,000	13,675.48	15,546.03	1,870.55	13.7	136.20	1,018.20	1,796.69	(32.60)	16,593.97	18,464.52	11.3
21		500	300,000	17,707.18	20,132.63	2,425.45	13.7	204.30	1,527.30	2,185.46	(48.90)	21,575.34	24,000.79	11.2
22	EH	WINTER												
23		NA	9,400	618.98	692.53	73.55	11.9	6.40	47.86	80.13	(1.53)	751.84	825.39	9.8
24		NA	23,600	1,502.25	1,693.38	191.13	12.7	16.07	120.15	191.77	(3.85)	1,826.39	2,017.52	10.5
25		NA	37,800	2,385.52	2,694.22	308.70	12.9	25.74	192.44	303.41	(6.16)	2,900.95	3,209.65	10.6

- CUSTOMER CHARGE IS BASED ON THREE PHASE SECONDARY SERVICE.
(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.000681 PER KWH.
(2) RIDER DSMR \$0.005091 PER KWH.
(3) RIDER ESM 18.16% OF TOTAL CURRENT BILL.
(4) RIDER PSM (\$0.000163) PER KWH.
(5) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
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 with Riders

SCHEDULE N
PAGE 3 OF 5
WITNESS:
J. L. Kern

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 (5)(6) (C)	PROPOSED BILL (5)(6) (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (1) (G)	RIDER DSMR (2) (H)	RIDER ESM (3) (I)	RIDER PSM (4) (J)	(C+G+H+I+J) (K)	(D+G+H+I+J) (L)	(L-K) / K (M)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1	DT (SUMMER)	500	144,000	12,315.17	13,794.67	1,479.50	12.0	98.06	733.10	1,741.96	(23.47)	14,864.82	16,344.32	10.0
2		500	288,000	17,774.64	19,915.19	2,140.55	12.0	196.13	1,466.21	2,238.92	(46.94)	21,628.96	23,769.51	9.9
3		800	230,400	19,628.07	21,993.47	2,365.40	12.1	156.90	1,172.97	2,773.29	(37.56)	23,693.67	26,059.07	10.0
4		800	460,800	28,363.22	31,786.31	3,423.09	12.1	313.80	2,345.93	3,568.43	(75.11)	34,516.27	37,939.36	9.9
5		1,000	288,000	24,503.34	27,459.34	2,956.00	12.1	196.13	1,466.21	3,460.85	(46.94)	29,579.59	32,535.59	10.0
6		1,000	576,000	35,422.28	39,700.37	4,278.09	12.1	392.26	2,932.42	4,454.77	(93.89)	43,107.84	47,385.93	9.9
7		1,200	345,600	29,378.61	32,925.21	3,546.60	12.1	235.35	1,759.45	4,148.41	(56.33)	35,465.49	39,012.09	10.0
8		1,200	691,200	42,481.34	47,614.45	5,133.11	12.1	470.71	3,518.90	5,341.12	(112.67)	51,699.40	56,832.51	9.9
9		1,500	432,000	36,691.52	41,124.01	4,432.49	12.1	294.19	2,199.31	5,179.75	(70.42)	44,294.35	48,726.84	10.0
10		1,500	864,000	53,069.92	59,485.56	6,415.64	12.1	588.38	4,398.62	6,670.63	(140.83)	64,586.72	71,002.36	9.9
11	DT (WINTER)	500	144,000	11,897.86	13,326.51	1,428.65	12.0	98.06	733.10	1,666.17	(23.47)	14,371.72	15,800.37	9.9
12		500	288,000	17,266.67	19,345.24	2,078.57	12.0	196.13	1,466.21	2,146.67	(46.94)	21,028.74	23,107.31	9.9
13		800	230,400	18,960.39	21,244.42	2,284.03	12.0	156.90	1,172.97	2,652.04	(37.56)	22,904.74	25,188.77	10.0
14		800	460,800	27,550.46	30,874.39	3,323.93	12.1	313.80	2,345.93	3,420.83	(75.11)	33,555.91	36,879.84	9.9
15		1,000	288,000	23,668.74	26,523.01	2,854.27	12.1	196.13	1,466.21	3,309.29	(46.94)	28,593.43	31,447.70	10.0
16		1,000	576,000	34,406.34	38,560.47	4,154.13	12.1	392.26	2,932.42	4,270.28	(93.89)	41,907.41	46,061.54	9.9
17		1,200	345,600	28,377.08	31,801.62	3,424.54	12.1	235.35	1,759.45	3,966.53	(56.33)	34,282.08	37,706.62	10.0
18		1,200	691,200	41,262.19	46,246.58	4,984.39	12.1	470.71	3,518.90	5,119.72	(112.67)	50,258.85	55,243.24	9.9
19		1,500	432,000	35,439.60	39,719.53	4,279.93	12.1	294.19	2,199.31	4,952.40	(70.42)	42,815.08	47,095.01	10.0
20		1,500	864,000	51,546.01	57,775.72	6,229.71	12.1	588.38	4,398.62	6,393.89	(140.83)	62,786.07	69,015.78	9.9

(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.000681 PER KWH.

(2) RIDER DSMR \$0.005091 PER KWH.

(3) RIDER ESM 18.16% OF TOTAL CURRENT BILL.

(4) RIDER PSM (\$0.000163) PER KWH.

(5) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH AND THREE PHASE SECONDARY SERVICE.

(6) 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. 2019-000271
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 with Riders

SCHEDULE N
PAGE 4 OF 5
WITNESS:
J. L. Kern

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 (5) (C)	PROPOSED BILL (5) (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (1) (G)	RIDER DSMR (2) (H)	RIDER ESM (3) (I)	RIDER PSM (4) (J)	(C+G+H+I+J) (K)	(D+G+H+I+J) (L)	(L-K) / K (M)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1	DP	100	14,400	1,644.72	1,857.12	212.40	12.9	9.81	73.31	249.23	(2.35)	1,974.72	2,187.12	10.8
2		100	28,800	2,380.45	2,695.25	314.80	13.2	19.61	146.62	333.39	(4.69)	2,875.38	3,190.18	10.9
3		100	43,200	3,012.25	3,414.69	402.44	13.4	29.42	219.93	398.68	(7.04)	3,653.24	4,055.68	11.0
4		200	28,800	3,172.45	3,597.25	424.80	13.4	19.61	146.62	477.22	(4.69)	3,811.21	4,236.01	11.1
5		200	57,600	4,643.90	5,273.49	629.59	13.6	39.23	293.24	645.54	(9.39)	5,612.52	6,242.11	11.2
6		200	86,400	5,907.50	6,712.38	804.88	13.6	58.84	439.86	776.12	(14.08)	7,168.24	7,973.12	11.2
7		300	43,200	4,700.17	5,337.37	637.20	13.6	29.42	219.93	705.21	(7.04)	5,647.69	6,284.89	11.3
8		300	86,400	6,907.35	7,851.74	944.39	13.7	58.84	439.86	957.69	(14.08)	8,349.66	9,294.05	11.3
9		300	129,600	8,802.75	10,010.07	1,207.31	13.7	88.26	659.79	1,153.55	(21.12)	10,683.23	11,890.55	11.3
10		500	72,000	7,755.62	8,817.62	1,061.99	13.7	49.03	366.55	1,161.18	(11.74)	9,320.64	10,382.64	11.4
11		500	144,000	11,434.25	13,008.23	1,573.98	13.8	98.06	733.10	1,581.98	(23.47)	13,823.92	15,397.90	11.4
12		500	216,000	14,593.25	16,605.44	2,012.19	13.8	147.10	1,099.66	1,908.42	(35.21)	17,713.22	19,725.41	11.4
13		800	115,200	12,338.80	14,037.99	1,699.19	13.8	78.45	586.48	1,845.14	(18.78)	14,830.09	16,529.28	11.5
14		800	230,400	18,224.60	20,742.97	2,518.37	13.8	156.90	1,172.97	2,518.42	(37.56)	22,035.33	24,553.70	11.4
15		800	345,600	23,279.01	26,498.51	3,219.50	13.8	235.35	1,759.45	3,040.72	(56.33)	28,258.20	31,477.70	11.4
16		1000	144,000	15,394.25	17,518.23	2,123.98	13.8	98.06	733.10	2,301.12	(23.47)	18,503.06	20,627.04	11.5
17		1000	288,000	22,751.50	25,899.46	3,147.97	13.8	196.13	1,466.21	3,142.72	(46.94)	27,509.62	30,657.58	11.4
18		1000	432,000	29,069.51	33,093.88	4,024.38	13.8	294.19	2,199.31	3,795.59	(70.42)	35,288.18	39,312.55	11.4
19		1500	216,000	23,032.87	26,218.85	3,185.98	13.8	147.10	1,099.66	3,441.05	(35.21)	27,685.47	30,871.45	11.5
20		1500	432,000	34,068.74	38,790.70	4,721.95	13.9	294.19	2,199.31	4,703.45	(70.42)	41,195.27	45,917.23	11.5
21		1500	648,000	43,545.76	49,582.33	6,036.56	13.9	441.29	3,298.97	5,682.76	(105.62)	52,863.16	58,899.73	11.4
22		3000	432,000	45,948.74	52,320.70	6,371.95	13.9	294.19	2,199.31	6,860.86	(70.42)	55,232.68	61,604.64	11.5
23		3000	864,000	68,020.49	77,464.39	9,443.90	13.9	588.38	4,398.62	9,385.65	(140.83)	82,252.31	91,696.21	11.5
24		3000	1,296,000	86,974.52	99,047.65	12,073.13	13.9	882.58	6,597.94	11,344.27	(211.25)	105,588.06	117,661.19	11.4

- (1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.000681 PER KWH.
- (2) RIDER DSMR \$0.005091 PER KWH.
- (3) RIDER ESM 18.16% OF TOTAL CURRENT BILL.
- (4) RIDER PSM (\$0.000163) PER KWH.
- (5) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-000271
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 with Riders

SCHEDULE N
PAGE 5 OF 5
WITNESS:
J. L. Kern

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 (\$)(6)	PROPOSED BILL (\$)(6)	DOLLAR INCREASE (D - C)	PERCENT INCREASE (E / C)	RIDER FAC (1)	RIDER DSMR (2)	RIDER ESM (3)	RIDER PSM (4)	(C+G+H+I+J)	(D+G+H+I+J)	(L-K) / K
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	TT (SUMMER)	1,000	200,000	16,973.87	18,365.87	1,392.00	8.2	136.20	92.60	2,227.59	(32.60)	19,397.66	20,789.66	7.2
2		1,000	400,000	25,627.15	27,752.29	2,125.14	8.3	272.40	185.20	2,944.16	(65.20)	28,963.71	31,088.85	7.3
3		2,500	500,000	41,684.67	45,164.70	3,480.03	8.3	340.50	231.50	5,432.78	(81.50)	47,607.95	51,087.98	7.3
4		2,500	1,000,000	63,317.87	68,630.72	5,312.85	8.4	681.00	463.00	7,224.21	(163.00)	71,523.08	76,835.93	7.4
5		5,000	1,000,000	82,869.35	89,829.41	6,960.06	8.4	681.00	463.00	10,774.75	(163.00)	94,625.10	101,585.16	7.4
6		5,000	2,000,000	126,135.75	136,761.45	10,625.70	8.4	1,362.00	926.00	14,357.61	(326.00)	142,455.36	153,081.06	7.5
7		10,000	2,000,000	165,238.70	179,158.82	13,920.12	8.4	1,362.00	926.00	21,458.71	(326.00)	188,659.41	202,579.53	7.4
8		10,000	4,000,000	251,771.49	273,022.90	21,251.41	8.4	2,724.00	1,852.00	28,624.43	(652.00)	284,319.92	305,571.33	7.5
9		10,000	6,000,000	338,304.27	366,886.98	28,582.71	8.4	4,086.00	2,778.00	35,790.14	(978.00)	379,980.41	408,563.12	7.5
10		20,000	4,000,000	329,977.41	357,817.63	27,840.22	8.4	2,724.00	1,852.00	42,826.62	(652.00)	376,728.03	404,568.25	7.4
11		20,000	8,000,000	503,042.97	545,545.79	42,502.82	8.4	5,448.00	3,704.00	57,158.05	(1,304.00)	568,049.02	610,551.84	7.5
12		20,000	12,000,000	676,108.55	733,273.95	57,165.40	8.5	8,172.00	5,556.00	71,489.48	(1,956.00)	759,370.03	816,535.43	7.5
13		40,000	16,000,000	1,005,585.96	1,090,591.59	85,005.63	8.5	10,896.00	7,408.00	114,225.30	(2,608.00)	1,135,507.26	1,220,512.89	7.5
14		40,000	24,000,000	1,351,717.10	1,466,047.92	114,330.82	8.5	16,344.00	11,112.00	142,888.16	(3,912.00)	1,518,149.26	1,632,480.08	7.5
15		80,000	32,000,000	2,010,671.92	2,180,683.18	170,011.26	8.5	21,792.00	14,816.00	228,359.81	(5,216.00)	2,270,423.73	2,440,434.99	7.5
16		80,000	48,000,000	2,702,834.20	2,931,595.81	228,761.61	8.5	32,688.00	22,224.00	285,685.53	(7,824.00)	3,035,707.73	3,264,369.34	7.5
17		160,000	64,000,000	4,020,843.82	4,360,866.37	340,022.55	8.5	43,584.00	29,632.00	456,628.81	(10,432.00)	4,540,256.63	4,880,279.18	7.5
18		160,000	96,000,000	5,405,368.41	5,862,691.64	457,323.23	8.5	65,376.00	44,448.00	571,280.26	(15,648.00)	6,070,824.67	6,528,147.90	7.5
19	TT (WINTER)	1,000	200,000	15,367.30	16,625.97	1,258.67	8.2	136.20	92.60	1,935.84	(32.60)	17,499.34	18,758.01	7.2
20		1,000	400,000	23,808.33	25,782.16	1,973.83	8.3	272.40	185.20	2,613.87	(65.20)	26,814.60	28,788.43	7.4
21		2,500	500,000	37,668.25	40,814.93	3,146.68	8.4	340.50	231.50	4,703.39	(81.50)	42,862.14	46,008.82	7.3
22		2,500	1,000,000	58,770.81	63,705.42	4,934.61	8.4	681.00	463.00	6,398.46	(163.00)	66,150.27	71,084.88	7.5
23		5,000	1,000,000	74,836.49	81,129.85	6,293.36	8.4	681.00	463.00	9,315.99	(163.00)	85,133.48	91,426.84	7.4
24		5,000	2,000,000	117,041.61	126,910.83	9,869.22	8.4	1,362.00	926.00	12,706.12	(326.00)	131,709.73	141,578.95	7.5
25		10,000	2,000,000	149,173.00	161,759.71	12,586.71	8.4	1,362.00	926.00	18,541.18	(326.00)	169,676.18	182,262.89	7.4
26		10,000	4,000,000	233,583.21	253,321.67	19,738.46	8.5	2,724.00	1,852.00	25,321.43	(652.00)	262,828.64	282,567.10	7.5
27		10,000	6,000,000	317,993.44	344,883.64	26,890.20	8.5	4,086.00	2,778.00	32,101.69	(978.00)	355,981.13	382,871.33	7.6
28		20,000	4,000,000	297,845.99	323,019.42	25,173.43	8.5	2,724.00	1,852.00	36,991.55	(652.00)	338,761.54	363,934.97	7.4
29		20,000	8,000,000	466,666.43	506,143.35	39,476.92	8.5	5,448.00	3,704.00	50,552.07	(1,304.00)	525,066.50	564,543.42	7.5
30		20,000	12,000,000	635,486.88	689,267.26	53,780.38	8.5	8,172.00	5,556.00	64,112.59	(1,956.00)	711,371.47	765,151.85	7.6
31		40,000	16,000,000	932,832.88	1,011,786.70	78,953.82	8.5	10,896.00	7,408.00	101,013.34	(2,608.00)	1,049,542.22	1,128,496.04	7.5
32		40,000	24,000,000	1,270,473.76	1,378,034.55	107,560.79	8.5	16,344.00	11,112.00	128,134.37	(3,912.00)	1,422,152.13	1,529,712.92	7.6
33		80,000	32,000,000	1,865,165.75	2,023,073.39	157,907.64	8.5	21,792.00	14,816.00	201,935.89	(5,216.00)	2,098,493.64	2,256,401.28	7.5
34		80,000	48,000,000	2,540,447.52	2,755,589.08	215,121.56	8.5	32,688.00	22,224.00	256,177.95	(7,824.00)	2,843,713.47	3,058,835.03	7.6
35		160,000	64,000,000	3,729,831.47	4,045,646.78	315,815.31	8.5	43,584.00	29,632.00	403,780.97	(10,432.00)	4,196,396.44	4,512,211.75	7.5
36		160,000	96,000,000	5,080,395.02	5,510,638.17	430,243.15	8.5	65,376.00	44,448.00	512,265.09	(15,648.00)	5,686,836.11	6,117,079.26	7.6

- (1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.000681 PER KWH.
- (2) RIDER DSMR \$0.000463 PER KWH.
- (3) RIDER ESM 18.16% OF TOTAL CURRENT BILL.
- (4) RIDER PSM (\$0.000163) PER KWH.
- (5) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.
- (6) 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. 2019-00271
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 1 OF 5
WITNESS:
J. L. Kern

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	LEVEL of DEMAND (A) (KW)	LEVEL of USE (B) (KWH)	BILL DATA LESS RIDERS				RIDERS				TOTAL CURRENT BILL (C+G+H+I+J) (K) (\$)	TOTAL PROPOSED BILL (D+G+H+I+J) (L) (\$)	PERCENT INCREASE (L-K) / K (M) (%)
				CURRENT BILL(1)(6) (C) (\$)	PROPOSED BILL(1)(6) (D) (\$)	DOLLAR INCREASE (D - C) (E) (\$)	PERCENT INCREASE (E / C) (F) (%)	RIDER FAC (2) (G) (\$)	RIDER DSMR (3) (H) (\$)	RIDER ESM (4) (I) (\$)	RIDER PSM (5) (J) (\$)			
1	RS													
2		NA	300	32.60	39.38	6.78	20.8	0.20	0.91	3.96	(0.05)	37.62	44.40	18.0
3		NA	400	39.76	47.81	8.05	20.2	0.27	1.21	4.84	(0.07)	46.01	54.06	17.5
4		NA	500	46.93	56.24	9.31	19.8	0.34	1.52	5.73	(0.08)	54.44	63.75	17.1
5		NA	800	68.42	81.52	13.10	19.1	0.54	2.43	8.38	(0.13)	79.64	92.74	16.4
6		NA	1,000	82.75	98.37	15.62	18.9	0.68	3.04	10.15	(0.16)	96.46	112.08	16.2
7		NA	1,500	118.58	140.51	21.93	18.5	1.02	4.55	14.57	(0.24)	138.48	160.41	15.8
8		NA	2,000	154.40	182.64	28.24	18.3	1.36	6.07	18.99	(0.33)	180.49	208.73	15.6

- (1) REFLECTS DSM HEA RIDER OF \$0.10 PER BILL.
- (2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.000681 PER KWH.
- (3) RIDER DSMR \$0.003035 PER KWH.
- (4) RIDER ESM 11.76% OF TOTAL CURRENT BILL.
- (5) RIDER PSM (\$0.000163) PER KWH.
- (6) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
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:
J. L. Kern

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	LEVEL of USE	CURRENT BILL (5)	PROPOSED BILL (5)	DOLLAR INCREASE (D - C)	PERCENT INCREASE (E / C)	RIDER FAC (1)	RIDER DSMR (2)	RIDER ESM (3)	RIDER PSM (4)	(C+G+H+I+J)	(D+G+H+I+J)	(L-K) / K
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1	DS	5	2,000	194.68	212.48	17.80	9.1	1.36	10.18	28.49	(0.33)	234.38	252.18	7.6
2		10	4,000	355.08	394.95	39.87	11.2	2.72	20.36	50.75	(0.65)	428.26	468.13	9.3
3		10	6,000	515.48	577.43	61.95	12.0	4.09	30.55	73.01	(0.98)	622.15	684.10	10.0
4		30	6,000	639.23	718.13	78.90	12.3	4.09	30.55	95.48	(0.98)	768.37	847.27	10.3
5		30	9,000	786.93	886.15	99.22	12.6	6.13	45.82	112.00	(1.47)	949.41	1,048.63	10.5
6		30	12,000	934.62	1,054.18	119.56	12.8	8.17	61.09	128.52	(1.96)	1,130.44	1,250.00	10.6
7		50	10,000	1,001.16	1,129.76	128.60	12.8	6.81	50.91	147.47	(1.63)	1,204.72	1,333.32	10.7
8		50	15,000	1,247.32	1,409.80	162.48	13.0	10.22	76.37	175.01	(2.45)	1,506.47	1,668.95	10.8
9		50	20,000	1,493.48	1,689.84	196.36	13.1	13.62	101.82	202.54	(3.26)	1,808.20	2,004.56	10.9
10		75	15,000	1,453.57	1,644.30	190.73	13.1	10.22	76.37	212.46	(2.45)	1,750.17	1,940.90	10.9
11		75	20,000	1,699.73	1,924.34	224.61	13.2	13.62	101.82	239.99	(3.26)	2,051.90	2,276.51	10.9
12		75	30,000	2,178.68	2,469.21	290.53	13.3	20.43	152.73	292.63	(4.89)	2,639.58	2,930.11	11.0
13		100	20,000	1,905.98	2,158.84	252.86	13.3	13.62	101.82	277.45	(3.26)	2,295.61	2,548.47	11.0
14		100	30,000	2,398.30	2,718.92	320.62	13.4	20.43	152.73	332.52	(4.89)	2,899.09	3,219.71	11.1
15		100	40,000	2,854.96	3,238.43	383.47	13.4	27.24	203.64	381.11	(6.52)	3,460.43	3,843.90	11.1
16		300	60,000	5,525.26	6,275.16	749.90	13.6	40.86	305.46	797.35	(9.78)	6,659.15	7,409.05	11.3
17		300	90,000	7,002.22	7,955.40	953.18	13.6	61.29	458.19	962.55	(14.67)	8,469.58	9,422.76	11.3
18		300	120,000	8,265.22	9,392.23	1,127.01	13.6	81.72	610.92	1,088.90	(19.56)	10,027.20	11,154.21	11.2
19		500	100,000	9,144.54	10,391.48	1,246.94	13.6	68.10	509.10	1,317.26	(16.30)	11,022.70	12,269.64	11.3
20		500	200,000	13,675.48	15,546.03	1,870.55	13.7	136.20	1,018.20	1,796.69	(32.60)	16,593.97	18,464.52	11.3
21		500	300,000	17,707.18	20,132.63	2,425.45	13.7	204.30	1,527.30	2,185.46	(48.90)	21,575.34	24,000.79	11.2
22	EH	WINTER												
23		NA	9,400	618.98	692.53	73.55	11.9	6.40	47.86	80.13	(1.53)	751.84	825.39	9.8
24		NA	23,600	1,502.25	1,693.38	191.13	12.7	16.07	120.15	191.77	(3.85)	1,826.39	2,017.52	10.5
25		NA	37,800	2,385.52	2,694.22	308.70	12.9	25.74	192.44	303.41	(6.16)	2,900.95	3,209.65	10.6

CUSTOMER CHARGE IS BASED ON THREE PHASE SECONDARY SERVICE.

- (1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.000681 PER KWH.
- (2) RIDER DSMR \$0.005091 PER KWH.
- (3) RIDER ESM 18.16% OF TOTAL CURRENT BILL.
- (4) RIDER PSM (\$0.000163) PER KWH.
- (5) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
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:
J. L. Kern

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	BILL DATA LESS RIDERS						RIDERS				TOTAL CURRENT BILL (C+G+H+I+J) (K)	TOTAL PROPOSED BILL (D+G+H+I+J) (L)	PERCENT INCREASE (L-K) / K (M)
		LEVEL of DEMAND (A) (KW)	LEVEL of USE (B) (KWH)	CURRENT BILL (5)(6) (C) (\$)	PROPOSED BILL (5)(6) (D) (\$)	DOLLAR INCREASE (D - C) (E) (\$)	PERCENT INCREASE (E / C) (F) (%)	RIDER FAC (1) (G) (\$)	RIDER DSMR (2) (H) (\$)	RIDER ESM (3) (I) (\$)	RIDER PSM (4) (J) (\$)			
1	DT (SUMMER)	500	144,000	12,314.67	13,794.12	1,479.45	12.0	98.06	733.10	1,741.87	(23.47)	14,864.23	16,343.68	10.0
2		500	288,000	17,774.17	19,914.67	2,140.50	12.0	196.13	1,466.21	2,238.83	(46.94)	21,628.40	23,768.90	9.9
3		800	230,400	19,627.29	21,992.59	2,365.30	12.1	156.90	1,172.97	2,773.15	(37.56)	23,692.75	26,058.05	10.0
4		800	460,800	28,362.47	31,785.47	3,423.00	12.1	313.80	2,345.93	3,568.29	(75.11)	34,515.38	37,938.38	9.9
5		1,000	288,000	24,502.35	27,458.23	2,955.88	12.1	196.13	1,466.21	3,460.67	(46.94)	29,578.42	32,534.30	10.0
6		1,000	576,000	35,421.35	39,699.33	4,277.98	12.1	392.26	2,932.42	4,454.61	(93.89)	43,106.75	47,384.73	9.9
7		1,200	345,600	29,377.42	32,923.88	3,546.46	12.1	235.35	1,759.45	4,148.19	(56.33)	35,464.08	39,010.54	10.0
8		1,200	691,200	42,480.21	47,613.20	5,132.99	12.1	470.71	3,518.90	5,340.91	(112.67)	51,698.06	56,831.05	9.9
9		1,500	432,000	36,690.02	41,122.35	4,432.33	12.1	294.19	2,199.31	5,179.47	(70.42)	44,292.57	48,724.90	10.0
10		1,500	864,000	53,068.52	59,484.00	6,415.48	12.1	588.38	4,398.62	6,670.38	(140.83)	64,585.07	71,000.55	9.9
11	DT (WINTER)	500	144,000	11,897.81	13,326.43	1,428.62	12.0	98.06	733.10	1,666.16	(23.47)	14,371.66	15,800.28	9.9
12		500	288,000	17,266.58	19,345.14	2,078.56	12.0	196.13	1,466.21	2,146.66	(46.94)	21,028.64	23,107.20	9.9
13		800	230,400	18,960.29	21,244.30	2,284.01	12.0	156.90	1,172.97	2,652.02	(37.56)	22,904.62	25,188.63	10.0
14		800	460,800	27,550.32	30,874.23	3,323.91	12.1	313.80	2,345.93	3,420.81	(75.11)	33,555.75	36,879.66	9.9
15		1,000	288,000	23,668.60	26,522.86	2,854.26	12.1	196.13	1,466.21	3,309.26	(46.94)	28,593.26	31,447.52	10.0
16		1,000	576,000	34,406.15	38,560.27	4,154.12	12.1	392.26	2,932.42	4,270.25	(93.89)	41,907.19	46,061.31	9.9
17		1,200	345,600	28,376.93	31,801.43	3,424.50	12.1	235.35	1,759.45	3,966.50	(56.33)	34,281.90	37,706.40	10.0
18		1,200	691,200	41,261.99	46,246.33	4,984.34	12.1	470.71	3,518.90	5,119.68	(112.67)	50,258.61	55,242.95	9.9
19		1,500	432,000	35,439.40	39,719.30	4,279.90	12.1	294.19	2,199.31	4,952.36	(70.42)	42,814.84	47,094.74	10.0
20		1,500	864,000	51,545.72	57,775.41	6,229.69	12.1	588.38	4,398.62	6,393.83	(140.83)	62,785.72	69,015.41	9.9

(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.000681 PER KWH.

(2) RIDER DSMR \$0.005091 PER KWH.

(3) RIDER ESM 18.16% OF TOTAL CURRENT BILL.

(4) RIDER PSM (\$0.000163) PER KWH.

(5) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH AND THREE PHASE SECONDARY SERVICE.

(6) 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. 2019-00271
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:
J. L. Kern

INCLUDES FUEL AND ALL RIDERS

LINE NO.	RATE CODE	BILL DATA LESS RIDERS						RIDERS				TOTAL CURRENT BILL (C+G+H+I+J) (K)	TOTAL PROPOSED BILL (D+G+H+I+J) (L)	PERCENT INCREASE (L-K) / K (M)
		LEVEL of DEMAND (A) (KW)	LEVEL of USE (B) (KWH)	CURRENT BILL (5) (C) (\$)	PROPOSED BILL (5) (D) (\$)	DOLLAR INCREASE (D - C) (E) (\$)	PERCENT INCREASE (E / C) (F) (%)	RIDER FAC (1) (G) (\$)	RIDER DSMR (2) (H) (\$)	RIDER ESM (3) (I) (\$)	RIDER PSM (4) (J) (\$)			
1	DP	100	14,400	1,644.72	1,857.12	212.40	12.9	9.81	73.31	249.23	(2.35)	1,974.72	2,187.12	10.8
2		100	28,800	2,380.45	2,695.25	314.80	13.2	19.61	146.62	333.39	(4.69)	2,875.38	3,190.18	10.9
3		100	43,200	3,012.25	3,414.69	402.44	13.4	29.42	219.93	398.68	(7.04)	3,653.24	4,055.68	11.0
4		200	28,800	3,172.45	3,597.25	424.80	13.4	19.61	146.62	477.22	(4.69)	3,811.21	4,236.01	11.1
5		200	57,600	4,643.90	5,273.49	629.59	13.6	39.23	293.24	645.54	(9.39)	5,612.52	6,242.11	11.2
6		200	86,400	5,907.50	6,712.38	804.88	13.6	58.84	439.86	776.12	(14.08)	7,168.24	7,973.12	11.2
7		300	43,200	4,700.17	5,337.37	637.20	13.6	29.42	219.93	705.21	(7.04)	5,647.69	6,284.89	11.3
8		300	86,400	6,907.35	7,851.74	944.39	13.7	58.84	439.86	957.69	(14.08)	8,349.66	9,294.05	11.3
9		300	129,600	8,802.75	10,010.07	1,207.31	13.7	88.26	659.79	1,153.55	(21.12)	10,683.23	11,890.55	11.3
10		500	72,000	7,755.62	8,817.62	1,061.99	13.7	49.03	366.55	1,161.18	(11.74)	9,320.64	10,382.64	11.4
11		500	144,000	11,434.25	13,008.23	1,573.98	13.8	98.06	733.10	1,581.98	(23.47)	13,823.92	15,397.90	11.4
12		500	216,000	14,593.25	16,605.44	2,012.19	13.8	147.10	1,099.66	1,908.42	(35.21)	17,713.22	19,725.41	11.4
13		800	115,200	12,338.80	14,037.99	1,699.19	13.8	78.45	586.48	1,845.14	(18.78)	14,830.09	16,529.28	11.5
14		800	230,400	18,224.60	20,742.97	2,518.37	13.8	156.90	1,172.97	2,518.42	(37.56)	22,035.33	24,553.70	11.4
15		800	345,600	23,279.01	26,498.51	3,219.50	13.8	235.35	1,759.45	3,040.72	(56.33)	28,258.20	31,477.70	11.4
16		1000	144,000	15,394.25	17,518.23	2,123.98	13.8	98.06	733.10	2,301.12	(23.47)	18,503.06	20,627.04	11.5
17		1000	288,000	22,751.50	25,899.46	3,147.97	13.8	196.13	1,466.21	3,142.72	(46.94)	27,509.62	30,657.58	11.4
18		1000	432,000	29,069.51	33,093.88	4,024.38	13.8	294.19	2,199.31	3,795.59	(70.42)	35,288.18	39,312.55	11.4
19		1500	216,000	23,032.87	26,218.85	3,185.98	13.8	147.10	1,099.66	3,441.05	(35.21)	27,685.47	30,871.45	11.5
20		1500	432,000	34,068.74	38,790.70	4,721.95	13.9	294.19	2,199.31	4,703.45	(70.42)	41,195.27	45,917.23	11.5
21		1500	648,000	43,545.76	49,582.33	6,036.56	13.9	441.29	3,298.97	5,682.76	(105.62)	52,863.16	58,899.73	11.4
22		3000	432,000	45,948.74	52,320.70	6,371.95	13.9	294.19	2,199.31	6,860.86	(70.42)	55,232.68	61,604.64	11.5
23		3000	864,000	68,020.49	77,464.39	9,443.90	13.9	588.38	4,398.62	9,385.65	(140.83)	82,252.31	91,696.21	11.5
24		3000	1,296,000	86,974.52	99,047.65	12,073.13	13.9	882.58	6,597.94	11,344.27	(211.25)	105,588.06	117,661.19	11.4

- (1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.000681 PER KWH.
- (2) RIDER DSMR \$0.005091 PER KWH.
- (3) RIDER ESM 18.16% OF TOTAL CURRENT BILL.
- (4) RIDER PSM (\$0.000163) PER KWH.
- (5) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DUKE ENERGY KENTUCKY, INC.
CASE NO. 2019-00271
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 5 OF 5
WITNESS:
J. L. Kern

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 (C+G+H+I+J) (K)	TOTAL PROPOSED BILL (D+G+H+I+J) (L)	PERCENT INCREASE (L-K) / K (M)	
				CURRENT BILL (5)(6) (C)	PROPOSED BILL (5)(6) (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (1) (G)	RIDER DSMR (2) (H)	RIDER ESM (3) (I)				RIDER PSM (4) (J)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1	TT (SUMMER)	1,000	200,000	16,973.65	18,365.65	1,392.00	8.2	136.20	92.60	2,227.55	(32.60)	19,397.40	20,789.40	7.2
2		1,000	400,000	25,626.90	27,752.01	2,125.11	8.3	272.40	185.20	2,944.12	(65.20)	28,963.42	31,088.53	7.3
3		2,500	500,000	41,684.13	45,164.10	3,479.97	8.3	340.50	231.50	5,432.68	(81.50)	47,607.31	51,087.28	7.3
4		2,500	1,000,000	63,317.25	68,630.04	5,312.79	8.4	681.00	463.00	7,224.09	(163.00)	71,522.34	76,835.13	7.4
5		5,000	1,000,000	82,868.24	89,828.20	6,959.96	8.4	681.00	463.00	10,774.55	(163.00)	94,623.79	101,583.75	7.4
6		5,000	2,000,000	126,134.47	136,760.07	10,625.60	8.4	1,362.00	926.00	14,357.38	(326.00)	142,453.85	153,079.45	7.5
7		10,000	2,000,000	165,236.47	179,156.40	13,919.93	8.4	1,362.00	926.00	21,458.30	(326.00)	188,656.77	202,576.70	7.4
8		10,000	4,000,000	251,768.95	273,020.15	21,251.20	8.4	2,724.00	1,852.00	28,623.96	(652.00)	284,316.91	305,568.11	7.5
9		10,000	6,000,000	338,301.42	366,883.89	28,582.47	8.4	4,086.00	2,778.00	35,789.62	(978.00)	379,977.04	408,559.51	7.5
10		20,000	4,000,000	329,972.95	357,812.82	27,839.87	8.4	2,724.00	1,852.00	42,825.81	(652.00)	376,722.76	404,562.63	7.4
11		20,000	8,000,000	503,037.90	545,540.29	42,502.39	8.4	5,448.00	3,704.00	57,157.13	(1,304.00)	568,043.03	610,545.42	7.5
12		20,000	12,000,000	676,102.86	733,267.78	57,164.92	8.5	8,172.00	5,566.00	71,488.45	(1,956.00)	759,363.31	816,528.23	7.5
13		40,000	16,000,000	1,005,575.83	1,090,580.60	85,004.77	8.5	10,896.00	7,408.00	114,223.46	(2,608.00)	1,135,495.29	1,220,500.06	7.5
14		40,000	24,000,000	1,351,705.72	1,466,035.56	114,329.84	8.5	16,344.00	11,112.00	142,886.10	(3,912.00)	1,518,135.82	1,632,465.66	7.5
15		80,000	32,000,000	2,010,651.65	2,180,661.20	170,009.55	8.5	21,792.00	14,816.00	228,356.13	(5,216.00)	2,270,399.78	2,440,409.33	7.5
16		80,000	48,000,000	2,702,911.45	2,931,571.14	228,659.69	8.5	32,688.00	22,224.00	285,681.40	(7,824.00)	3,035,680.85	3,264,340.54	7.5
17		160,000	64,000,000	4,020,803.29	4,360,822.40	340,019.11	8.5	43,584.00	29,632.00	456,621.45	(10,432.00)	4,540,208.74	4,880,227.85	7.5
18		160,000	96,000,000	5,405,322.90	5,862,642.27	457,319.37	8.5	65,376.00	44,448.00	571,272.00	(15,648.00)	6,070,770.90	6,528,090.27	7.5
19	TT (WINTER)	1,000	200,000	15,369.99	16,628.90	1,258.91	8.2	136.20	92.60	1,936.33	(32.60)	17,502.52	18,761.43	7.2
20		1,000	400,000	23,812.36	25,786.56	1,974.20	8.3	272.40	185.20	2,614.60	(65.20)	26,819.36	28,793.56	7.4
21		2,500	500,000	37,674.98	40,822.24	3,147.26	8.4	340.50	231.50	4,704.62	(81.50)	42,870.10	46,017.36	7.3
22		2,500	1,000,000	58,780.92	63,716.40	4,935.48	8.4	681.00	463.00	6,400.30	(163.00)	66,162.22	71,097.70	7.5
23		5,000	1,000,000	74,849.98	81,144.47	6,294.49	8.4	681.00	463.00	9,318.44	(163.00)	85,149.42	91,443.91	7.4
24		5,000	2,000,000	117,061.85	126,932.79	9,870.94	8.4	1,362.00	926.00	12,709.79	(326.00)	131,733.64	141,604.58	7.5
25		10,000	2,000,000	149,199.94	161,788.96	12,589.02	8.4	1,362.00	926.00	18,546.07	(326.00)	169,708.01	182,297.03	7.4
26		10,000	4,000,000	233,623.67	253,365.57	19,741.90	8.5	2,724.00	1,852.00	25,328.78	(652.00)	262,876.45	282,618.35	7.5
27		10,000	6,000,000	318,047.41	344,942.20	26,894.79	8.5	4,086.00	2,778.00	32,111.49	(978.00)	356,044.90	382,939.69	7.6
28		20,000	4,000,000	297,899.89	323,077.90	25,178.01	8.5	2,724.00	1,852.00	37,001.34	(652.00)	338,825.23	364,003.24	7.4
29		20,000	8,000,000	466,747.37	506,231.15	39,483.78	8.5	5,448.00	3,704.00	50,566.77	(1,304.00)	525,162.14	564,645.92	7.5
30		20,000	12,000,000	635,594.83	689,384.39	53,789.56	8.5	8,172.00	5,566.00	64,132.19	(1,956.00)	711,499.02	765,288.58	7.6
31		40,000	16,000,000	932,994.72	1,011,962.30	78,967.58	8.5	10,896.00	7,408.00	101,042.73	(2,608.00)	1,049,733.45	1,128,701.03	7.5
32		40,000	24,000,000	1,270,689.67	1,378,268.79	107,579.12	8.5	16,344.00	11,112.00	128,173.58	(3,912.00)	1,422,407.25	1,529,986.37	7.6
33		80,000	32,000,000	1,865,489.43	2,023,424.59	157,935.16	8.5	21,792.00	14,816.00	201,994.67	(5,216.00)	2,098,876.10	2,256,811.26	7.5
34		80,000	48,000,000	2,540,879.31	2,756,037.57	215,158.26	8.5	32,688.00	22,224.00	256,256.36	(7,824.00)	2,844,223.67	3,059,381.93	7.6
35		160,000	64,000,000	3,730,478.87	4,046,349.18	315,870.31	8.5	43,584.00	29,632.00	403,898.53	(10,432.00)	4,197,161.40	4,513,031.71	7.5
36		160,000	96,000,000	5,081,258.64	5,511,575.13	430,316.49	8.5	65,376.00	44,448.00	512,421.93	(15,648.00)	5,687,856.57	6,118,173.06	7.6

- (1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.000681 PER KWH.
- (2) RIDER DSMR \$0.000463 PER KWH.
- (3) RIDER ESM 18.16% OF TOTAL CURRENT BILL.
- (4) RIDER PSM (\$0.000163) PER KWH.
- (5) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.
- (6) 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.